

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																	--- Marginal Cost of Losses										--- Marginal Cost of Congestion										04/23/2024		
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	23.85	21.78	20.88	20.68	21.83	26.13	33.20	36.58	29.93	24.01	22.61	22.37	22.50	22.17	21.96	22.37	22.99	26.60	30.59	35.07	39.96	31.25	26.81	23.45																
		1.58	1.39	1.35	1.32	1.50	1.76	2.60	2.96	2.22	1.80	1.67	1.61	1.61	1.57	1.62	1.67	1.82	2.04	2.24	2.95	3.30	2.23	1.73	1.43																
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.77	-1.99	-2.20	-2.56	-2.16	-1.22	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	0.00	0.00																
74TH STREET_GT_1	24260	23.82	21.78	20.87	20.66	21.79	26.10	33.14	36.51	29.90	23.96	22.61	22.40	22.51	22.20	21.97	22.35	22.99	26.60	30.62	35.04	39.93	31.25	26.79	23.42																
		1.56	1.39	1.33	1.30	1.46	1.73	2.54	2.89	2.19	1.75	1.65	1.60	1.57	1.55	1.58	1.64	1.82	2.04	2.27	2.92	3.26	2.23	1.71	1.41																
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.79	-2.03	-2.25	-2.62	-2.21	-1.25	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	0.00	0.00																
74TH STREET_GT_2	24261	23.82	21.78	20.87	20.66	21.79	26.10	33.14	36.51	29.90	23.96	22.61	22.40	22.51	22.20	21.97	22.35	22.99	26.60	30.62	35.04	39.93	31.25	26.79	23.42																
		1.56	1.39	1.33	1.30	1.46	1.73	2.54	2.89	2.19	1.75	1.65	1.60	1.57	1.55	1.58	1.64	1.82	2.04	2.27	2.92	3.26	2.23	1.71	1.41																
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.79	-2.03	-2.25	-2.62	-2.21	-1.25	-0.02	-0.02	-0.02	-0.02	-0.02	0.00	0.00	0.00																
ADK HUDSON___FALLS	24011	22.91	21.05	20.08	19.96	20.96	25.18	32.00	35.02	28.65	22.68	20.55	19.15	19.08	18.36	18.56	19.92	21.62	25.16	29.33	33.52	38.33	30.24	25.78	22.59																
		0.65	0.65	0.55	0.60	0.63	0.80	1.41	1.41	0.94	0.49	0.38	0.38	0.39	0.32	0.38	0.45	0.47	0.61	0.99	1.41	1.69	1.22	0.70	0.57																
		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																
ADK RESOURCE___RCVRY	23798	22.98	21.11	20.12	20.00	21.00	25.25	32.13	35.15	28.71	22.71	20.57	19.15	19.10	18.38	18.56	19.94	21.64	25.21	29.41	33.58	38.44	30.32	25.83	22.63																
		0.71	0.71	0.59	0.64	0.67	0.88	1.53	1.55	1.00	0.51	0.40	0.38	0.41	0.34	0.38	0.47	0.49	0.66	1.08	1.48	1.80	1.31	0.75	0.62																
		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																
ADK S GLENS___FALLS	24028	22.91	21.05	20.08	19.96	20.96	25.18	32.00	35.02	28.65	22.68	20.55	19.15	19.08	18.36	18.56	19.92	21.62	25.16	29.33	33.52	38.33	30.24	25.78	22.59																
		0.65	0.65	0.55	0.60	0.63	0.80	1.41	1.41	0.94	0.49	0.38	0.38	0.39	0.32	0.38	0.45	0.47	0.61	0.99	1.41	1.69	1.22	0.70	0.57																
		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																
ADK_NYS___DAM	23527	22.93	21.05	20.20	20.06	21.06	25.20	32.19	35.32	28.74	22.93	20.83	19.43	19.31	18.63	18.78	20.10	21.89	25.41	29.39	33.84	38.55	30.47	25.93	22.65																
		0.67	0.65	0.66	0.70	0.73	0.83	1.59	1.71	1.03	0.73	0.66	0.66	0.62	0.59	0.60	0.62	0.74	0.86	1.05	1.73	1.90	1.45	0.85	0.64																
		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																
AIR_PRODUCTS___DRP	24190	22.20	20.47	19.62	19.46	20.41	24.40	30.96	34.01	27.88	22.24	20.26	18.90	18.80	18.13	18.33	19.59	21.28	24.65	28.54	32.56	37.13	29.28	25.06	21.95																
		-0.07	0.08	0.08	0.10	0.08	0.02	0.37	0.40	0.17	0.04	0.10	0.13	0.11	0.09	0.15	0.12	0.13	0.10	0.20	0.45	0.48	0.26	-0.03	-0.07																
		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																
AKWESSNE_115KV_BK	355683	21.82	20.01	19.17	18.99	19.90	23.85	24.60	32.62	27.10	21.73	19.74	18.33	18.27	17.65	17.79	19.04	20.68	24.13	27.83	31.18	35.66	28.23	24.66	21.60																
		-0.45	-0.39	-0.37	-0.37	-0.43	-0.51	-0.83	-0.97	-0.61	-0.47	-0.42	-0.43	-0.41	-0.38	-0.38	-0.43	-0.47	-0.42	-0.51	-0.93	-0.99	-0.78	-0.43	-0.42																
		0.00	0.00	0.00	0.00	0.00	0.01	5.17	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00																
ALBANY_1_SOLAR	323833	22.73	20.90	20.01	19.86	20.84	24.96	31.55	34.55	28.18	22.37	20.26	18.85	18.77	18.09	18.31	19.65	21.41	24.92	28.93	33.04	37.75	29.83	25.56	22.43																
		0.47	0.51	0.47	0.50	0.51	0.58	0.95	0.94	0.47	0.18	0.10	0.08	0.08	0.05	0.13	0.17	0.25	0.37	0.60	0.93	1.10	0.81	0.48	0.42																
		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_2_SOLAR	323834	22.73	20.90	20.01	19.84	20.84	24.94	31.55	34.51	28.18	22.37	20.26	18.85	18.77	18.09	18.31	19.65	21.41	24.92	28.93	33.00	37.75	29.80	25.56	22.41																
		0.47	0.51	0.47	0.48	0.51	0.56	0.95	0.91	0.47	0.18	0.10	0.08	0.08	0.05	0.13	0.17	0.25	0.37	0.60	0.90	1.10	0.78	0.48	0.40																
		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	23571	22.20	20.47	19.62	19.46	20.41	24.40	30.96	34.01	27.88	22.24	20.26	18.90	18.80	18.13	18.33	19.59	21.28	24.65	28.54	32.56	37.13	29.28	25.06	21.95																
		-0.07	0.08	0.08	0.10	0.08	0.02	0.37	0.40	0.17	0.04	0.10	0.13	0.11	0.09	0.15	0.12	0.13	0.10	0.20	0.45	0.48	0.26	-0.03	-0.07																
		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___2 23572	22.20 -0.07 0.00	20.47 0.08 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.96 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.15 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.13 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
ALBANY___3 23573	22.20 -0.07 0.00	20.47 0.08 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.96 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.15 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.13 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
ALBANY___4 23574	22.20 -0.07 0.00	20.47 0.08 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.96 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.15 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.13 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
ALBANY___LFGE 323615	22.36 0.09 0.00	20.60 0.20 0.00	19.73 0.20 0.00	19.59 0.23 0.00	20.55 0.22 0.00	24.57 0.19 0.00	31.18 0.58 0.00	34.24 0.64 0.00	28.07 0.36 0.00	22.37 0.18 0.00	20.39 0.22 0.00	19.00 0.23 0.00	18.92 0.23 0.00	18.24 0.20 0.00	18.42 0.24 0.00	19.71 0.23 0.00	21.41 0.25 0.00	24.79 0.25 0.00	28.73 0.40 0.00	32.78 0.68 0.00	37.38 0.73 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
ALCOA_PA_115KV_PL-6C 55860	21.82 -0.45 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.88 -0.45 0.00	23.81 -0.56 0.01	24.77 -0.83 5.00	32.66 -0.94 0.01	27.07 -0.64 0.00	21.68 -0.51 0.00	19.72 -0.44 0.00	18.29 -0.47 0.01	18.23 -0.45 0.01	17.61 -0.41 0.01	17.77 -0.40 0.01	19.02 -0.45 0.01	20.66 -0.49 0.01	24.11 -0.44 0.00	27.83 -0.51 0.00	31.18 -0.93 0.00	35.66 -0.99 0.00	28.23 -0.78 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
ALCOA_RYNLDS___DRP 24188	21.82 -0.45 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.88 -0.45 0.00	23.81 -0.56 0.01	24.77 -0.83 5.00	32.66 -0.94 0.01	27.07 -0.64 0.00	21.68 -0.51 0.00	19.72 -0.44 0.00	18.29 -0.47 0.01	18.23 -0.45 0.01	17.61 -0.41 0.01	17.77 -0.40 0.01	19.02 -0.45 0.01	20.66 -0.49 0.01	24.11 -0.44 0.00	27.83 -0.51 0.00	31.18 -0.93 0.00	35.66 -0.99 0.00	28.23 -0.78 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
ALCOA___DSASP 323711	21.82 -0.45 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.88 -0.45 0.00	23.81 -0.56 0.01	24.77 -0.82 5.00	32.66 -0.94 0.01	27.08 -0.64 0.00	21.69 -0.51 0.00	19.72 -0.44 0.00	18.30 -0.47 0.01	18.23 -0.45 0.01	17.62 -0.41 0.01	17.77 -0.40 0.01	19.02 -0.45 0.01	20.66 -0.49 0.01	24.11 -0.44 0.00	27.80 -0.54 0.00	31.14 -0.96 0.00	35.66 -0.99 0.00	28.24 -0.78 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
ALLEGHENY___COGEN 23514	24.00 1.74 0.00	21.78 1.39 0.00	20.81 1.27 0.00	20.54 1.18 0.00	21.53 1.20 0.00	26.23 1.85 0.00	32.65 2.05 0.00	35.89 2.29 0.00	28.74 1.03 0.00	22.73 0.53 0.00	20.53 0.36 0.00	18.94 0.17 0.00	18.79 0.09 0.00	18.07 0.04 0.00	17.98 -0.20 0.00	19.20 -0.27 0.00	20.71 -0.45 0.00	24.06 -0.49 0.00	28.08 -0.26 0.00	32.07 -0.03 0.00	36.76 0.11 0.00	29.37 0.35 0.00	25.36 0.28 0.00	22.83 0.82 0.00
ALTAMONT_115KV_TB 2 55880	22.64 0.38 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.84 0.46 0.00	31.42 0.83 0.00	34.51 0.91 0.00	28.29 0.58 0.00	22.59 0.40 0.00	20.53 0.36 0.00	19.15 0.38 0.00	19.05 0.36 0.00	18.38 0.34 0.00	18.56 0.38 0.00	19.86 0.39 0.00	21.57 0.42 0.00	25.04 0.49 0.00	28.96 0.62 0.00	33.01 0.90 0.00	37.68 1.03 0.00	29.74 0.73 0.00	25.51 0.43 0.00	22.37 0.35 0.00
ALTONA_WT_PWR 323606	21.31 -0.96 0.00	19.41 -0.98 0.00	18.60 -0.94 0.00	18.39 -0.97 0.00	19.21 -1.12 0.00	22.93 -1.44 0.01	23.75 -1.74 5.10	31.58 -2.02 0.01	26.02 -1.69 0.00	21.00 -1.20 0.00	19.22 -0.95 0.00	17.75 -1.01 0.01	17.60 -1.08 0.01	16.91 -1.12 0.01	17.03 -1.14 0.01	18.22 -1.25 0.01	19.92 -1.23 0.01	23.66 -0.88 0.00	27.37 -0.96 0.00	30.73 -1.38 0.00	35.14 -1.50 0.00	27.86 -1.16 0.00	24.33 -0.75 0.00	21.24 -0.77 0.00
AMERICAN_REF_FUEL 24010	21.51 -0.76 0.00	19.64 -0.75 0.00	18.84 -0.70 0.00	18.60 -0.76 0.00	19.46 -0.87 0.00	23.30 -1.07 0.00	28.49 -2.11 0.00	31.16 -2.45 0.00	25.83 -1.89 0.00	20.89 -1.31 0.00	19.24 -0.93 0.00	17.81 -0.96 0.00	17.66 -1.03 0.00	17.06 -0.97 0.00	17.02 -1.16 0.00	18.32 -1.15 0.00	19.61 -1.54 0.00	22.44 -2.11 0.00	25.90 -2.44 0.00	29.15 -2.95 0.00	33.17 -3.48 0.00	26.75 -2.26 0.00	23.38 -1.71 0.00	21.55 -0.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.20 -0.07 0.00	20.15 -0.24 0.00	19.32 -0.21 0.00	19.07 -0.29 0.00	19.94 -0.39 0.00	23.94 -0.44 0.00	29.31 -1.28 0.00	32.43 -1.18 0.00	26.69 -1.02 0.00	21.53 -0.67 0.00	19.82 -0.34 0.00	18.28 -0.49 0.00	18.07 -0.62 0.00	17.53 -0.50 0.00	17.45 -0.73 0.00	18.81 -0.66 0.00	20.24 -0.91 0.00	23.20 -1.35 0.00	26.78 -1.56 0.00	30.21 -1.89 0.00	34.45 -2.20 0.00	27.89 -1.13 0.00	24.20 -0.88 0.00	22.10 0.09 0.00
ARTHUR KILL_GT_1 23520	23.91 1.65 0.00	21.80 1.41 0.00	20.87 1.33 0.00	20.64 1.28 0.00	21.77 1.44 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.07 2.45 -0.01	29.68 1.97 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.40 1.46 -2.25	22.10 1.44 -2.62	21.89 1.51 -2.21	22.29 1.58 -1.25	22.94 1.78 -0.02	26.63 2.06 -0.02	30.62 2.27 -0.02	34.81 2.70 -0.01	39.70 3.04 -0.01	31.25 2.23 0.00	26.86 1.78 0.00	23.47 1.45 0.00
ARTHUR_KILL_2 23512	23.85 1.58 0.00	21.74 1.35 0.00	20.81 1.27 0.00	20.60 1.24 0.00	21.73 1.40 0.00	25.89 1.51 0.00	32.86 2.26 0.00	35.97 2.35 -0.01	29.60 1.89 0.00	23.76 1.55 -0.02	22.39 1.43 -0.79	22.21 1.41 -2.03	22.34 1.40 -2.25	22.06 1.41 -2.62	21.84 1.46 -2.21	22.26 1.54 -1.25	22.88 1.71 -0.02	26.55 1.99 -0.02	30.54 2.18 -0.02	34.68 2.57 -0.01	39.59 2.93 -0.01	31.16 2.15 0.00	26.79 1.71 0.00	23.40 1.39 0.00
ARTHUR_KILL_3 23513	23.62 1.36 0.00	21.60 1.20 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.65 1.32 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.25 2.62 -0.02	29.62 1.91 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.18 1.48 -1.23	22.80 1.63 -0.02	26.35 1.79 -0.02	30.31 1.95 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	31.02 2.00 0.00	26.56 1.48 0.00	23.23 1.21 0.00



ARTHUR_KILL_COGEN 323718	23.91 1.65 0.00	21.80 1.41 0.00	20.87 1.33 0.00	20.64 1.28 0.00	21.77 1.44 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.07 2.45 -0.01	29.68 1.97 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.40 1.46 -2.25	22.10 1.44 -2.62	21.89 1.51 -2.21	22.29 1.58 -1.25	22.94 1.78 -0.02	26.63 2.06 -0.02	30.62 2.27 -0.02	34.81 2.70 -0.01	39.70 3.04 -0.01	31.25 2.23 0.00	26.86 1.78 0.00	23.47 1.45 0.00
ASHOKAN____ 23654	23.36 1.09 0.00	21.43 1.04 0.00	20.51 0.98 0.00	20.35 0.99 0.00	21.43 1.10 0.00	25.64 1.27 0.00	32.53 1.93 0.00	35.35 1.75 0.00	28.76 1.05 0.00	22.77 0.58 0.00	20.65 0.48 0.00	19.18 0.41 0.00	19.14 0.45 0.00	18.47 0.43 0.00	18.71 0.53 0.00	20.02 0.54 0.00	21.85 0.70 0.00	25.41 0.86 0.00	29.36 1.02 0.00	33.74 1.64 0.00	38.48 1.83 0.00	30.38 1.36 0.00	26.03 0.95 0.00	22.90 0.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.65 1.38 0.00	21.66 1.26 0.00	20.73 1.19 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.71 1.34 0.01	32.70 2.11 0.01	36.20 2.59 -0.01	29.59 1.89 0.01	23.85 1.64 -0.01	22.50 1.55 -0.78	22.30 1.50 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.89 1.51 -2.20	22.29 1.58 -1.24	22.85 1.69 -0.01	26.47 1.92 -0.01	30.39 2.04 -0.01	34.78 2.66 -0.01	39.59 2.93 -0.01	30.89 1.89 0.01	26.50 1.43 0.01	23.20 1.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.65 1.38 0.00	21.66 1.26 0.00	20.73 1.19 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.71 1.34 0.01	32.70 2.11 0.01	36.20 2.59 -0.01	29.59 1.89 0.01	23.85 1.64 -0.01	22.50 1.55 -0.78	22.30 1.50 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.89 1.51 -2.20	22.29 1.58 -1.24	22.85 1.69 -0.01	26.47 1.92 -0.01	30.39 2.04 -0.01	34.78 2.66 -0.01	39.59 2.93 -0.01	30.89 1.89 0.01	26.50 1.43 0.01	23.20 1.19 0.00
ASTORIA_GT2_1 24094	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT2_2 24095	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT2_3 24096	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT2_4 24097	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT3_1 24098	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT3_2 24099	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT3_3 24100	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT3_4 24101	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT4_1 24102	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT4_2 24103	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT4_3 24104	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00



ASTORIA_GT4_4 24105	23.67 1.40 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.74 1.36 0.00	32.74 2.14 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.88 1.66 -0.02	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.86 1.69 -0.02	26.50 1.94 -0.02	30.42 2.07 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.90 1.89 0.00	26.51 1.43 0.00	23.18 1.17 0.00
ASTORIA_GT_1 23523	23.69 1.43 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.76 1.39 0.01	32.79 2.20 0.01	36.27 2.65 -0.01	29.67 1.97 0.01	23.91 1.71 -0.01	22.54 1.59 -0.78	22.33 1.54 -2.02	22.46 1.53 -2.24	22.16 1.52 -2.61	21.94 1.56 -2.20	22.33 1.62 -1.24	22.89 1.73 -0.01	26.52 1.96 -0.01	30.44 2.10 -0.01	34.84 2.73 -0.01	39.66 3.01 -0.01	30.95 1.94 0.01	26.55 1.48 0.01	23.25 1.23 0.00
ASTORIA_GT_10 24110	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA_GT_11 24225	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA_GT_12 24226	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA_GT_13 24227	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA_GT_5 24106	23.69 1.43 0.00	21.72 1.33 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.76 1.39 0.00	32.80 2.20 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.92 1.71 -0.02	22.54 1.59 -0.78	22.33 1.54 -2.02	22.46 1.53 -2.24	22.16 1.52 -2.61	21.94 1.56 -2.20	22.33 1.62 -1.24	22.90 1.73 -0.02	26.55 1.99 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	30.96 1.94 0.00	26.56 1.48 0.00	23.23 1.21 0.00
ASTORIA_GT_7 24107	23.69 1.43 0.00	21.72 1.33 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.76 1.39 0.00	32.80 2.20 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.92 1.71 -0.02	22.54 1.59 -0.78	22.33 1.54 -2.02	22.46 1.53 -2.24	22.16 1.52 -2.61	21.94 1.56 -2.20	22.33 1.62 -1.24	22.90 1.73 -0.02	26.55 1.99 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	30.96 1.94 0.00	26.56 1.48 0.00	23.23 1.21 0.00
ASTORIA_GT_8 24108	23.69 1.43 0.00	21.72 1.33 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.76 1.39 0.00	32.80 2.20 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.92 1.71 -0.02	22.54 1.59 -0.78	22.33 1.54 -2.02	22.46 1.53 -2.24	22.16 1.52 -2.61	21.94 1.56 -2.20	22.33 1.62 -1.24	22.90 1.73 -0.02	26.55 1.99 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	30.96 1.94 0.00	26.56 1.48 0.00	23.23 1.21 0.00
ASTORIA___2 24149	23.67 1.40 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.73 1.36 0.01	32.73 2.14 0.01	36.20 2.59 -0.01	29.61 1.91 0.01	23.87 1.67 -0.01	22.52 1.57 -0.78	22.31 1.52 -2.02	22.43 1.50 -2.24	22.12 1.48 -2.61	21.91 1.53 -2.20	22.29 1.58 -1.24	22.85 1.69 -0.01	26.49 1.94 -0.01	30.39 2.04 -0.01	34.78 2.66 -0.01	39.59 2.93 -0.01	30.89 1.89 0.01	26.50 1.43 0.01	23.23 1.21 0.00
ASTORIA___3 23516	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.89 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA___4 23517	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
ASTORIA___5 23518	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.89 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
AST_ENERGY_2_CC3 323677	23.67 1.40 0.00	21.62 1.22 0.00	20.73 1.19 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.94 1.56 0.00	32.89 2.30 0.00	36.25 2.62 -0.02	29.65 1.94 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.18 1.48 -1.23	22.80 1.63 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.76 2.63 -0.02	39.63 2.97 -0.02	31.02 2.00 0.00	26.61 1.53 0.00	23.27 1.25 0.00
AST_ENERGY_2_CC4 323678	23.67 1.40 0.00	21.62 1.22 0.00	20.73 1.19 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.94 1.56 0.00	32.89 2.30 0.00	36.25 2.62 -0.02	29.65 1.94 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.18 1.48 -1.23	22.80 1.63 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.76 2.63 -0.02	39.63 2.97 -0.02	31.02 2.00 0.00	26.61 1.53 0.00	23.27 1.25 0.00



ATHENS_STG_1 23668	22.84	20.94	20.08	19.90	20.94	25.06	31.73	34.88	28.54	22.84	20.77	19.37	19.29	18.63	18.82	20.10	21.85	25.33	29.19	33.39	38.08	30.03	25.73	22.54
	0.58	0.55	0.55	0.54	0.61	0.68	1.13	1.28	0.83	0.64	0.60	0.60	0.60	0.59	0.64	0.62	0.70	0.79	0.85	1.29	1.43	1.02	0.65	0.53
	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
ATHENS_STG_2 23670	22.84	20.94	20.08	19.90	20.94	25.06	31.73	34.88	28.54	22.84	20.77	19.37	19.29	18.63	18.82	20.10	21.85	25.33	29.19	33.39	38.08	30.03	25.73	22.54
	0.58	0.55	0.55	0.54	0.61	0.68	1.13	1.28	0.83	0.64	0.60	0.60	0.60	0.59	0.64	0.62	0.70	0.79	0.85	1.29	1.43	1.02	0.65	0.53
	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
ATHENS_STG_3 23677	22.84	20.94	20.08	19.90	20.94	25.06	31.73	34.88	28.54	22.84	20.77	19.37	19.29	18.63	18.82	20.10	21.85	25.33	29.19	33.39	38.08	30.03	25.73	22.54
	0.58	0.55	0.55	0.54	0.61	0.68	1.13	1.28	0.83	0.64	0.60	0.60	0.60	0.59	0.64	0.62	0.70	0.79	0.85	1.29	1.43	1.02	0.65	0.53
	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
AUBURN___LFGE 323710	22.31	20.41	19.54	19.32	20.31	24.42	30.78	34.55	28.32	22.75	20.59	19.11	19.06	18.36	18.34	19.82	21.47	24.87	28.73	32.68	37.38	29.71	25.56	22.59
	0.04	0.02	0.00	-0.04	-0.02	0.05	0.18	0.94	0.61	0.55	0.42	0.34	0.37	0.32	0.16	0.35	0.32	0.32	0.40	0.58	0.73	0.70	0.48	0.57
	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
BABYLON_RES_REC 323704	24.27	22.08	21.22	21.01	22.09	26.35	33.29	36.20	30.21	24.19	22.23	20.65	20.51	19.80	19.98	21.28	23.16	26.77	30.92	35.50	40.12	31.83	27.13	23.81
	1.76	1.59	1.56	1.53	1.69	1.95	2.42	2.59	2.33	1.89	1.77	1.71	1.68	1.66	1.71	1.77	1.90	2.21	2.35	3.08	3.33	2.52	1.96	1.67
	-0.25	-0.09	-0.12	-0.12	-0.07	-0.02	-0.27	0.00	-0.17	-0.11	-0.29	-0.17	-0.13	-0.10	-0.09	-0.04	-0.10	-0.01	-0.23	-0.31	-0.14	-0.28	-0.09	-0.12
BABYLON__69_KV_BK2 356345	25.01	22.47	21.63	21.43	22.41	26.63	34.18	36.58	30.84	24.60	23.00	21.17	20.93	20.14	20.30	21.52	23.55	27.06	31.75	36.56	40.90	32.79	27.55	24.27
	1.98	1.82	1.74	1.72	1.89	2.22	2.72	2.96	2.63	2.09	1.96	1.88	1.85	1.82	1.87	1.95	2.12	2.50	2.69	3.47	3.81	2.90	2.21	1.89
	-0.76	-0.27	-0.36	-0.35	-0.19	-0.04	-0.86	-0.01	-0.50	-0.31	-0.89	-0.52	-0.39	-0.28	-0.24	-0.10	-0.29	-0.01	-0.72	-0.99	-0.44	-0.87	-0.26	-0.36
BALL_HILL_WT_PWR 323825	22.31	20.31	19.50	19.24	20.13	24.15	29.59	32.63	26.91	21.73	20.00	18.49	18.30	17.71	17.64	19.00	20.37	23.32	26.95	30.37	34.60	27.97	24.33	22.24
	0.04	-0.08	-0.04	-0.12	-0.20	-0.22	-1.01	-0.98	-0.80	-0.47	-0.16	-0.28	-0.39	-0.32	-0.54	-0.47	-0.78	-1.23	-1.39	-1.73	-2.05	-1.04	-0.75	0.22
	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
BARON_WINDS___WT_PWR 323822	22.67	20.66	19.77	19.53	20.45	24.59	30.54	33.64	27.57	22.15	20.18	18.68	18.52	17.87	17.76	19.20	20.71	23.86	27.66	31.37	35.77	28.70	24.83	22.39
	0.40	0.26	0.24	0.17	0.12	0.22	-0.06	0.03	-0.14	-0.04	0.02	-0.09	-0.17	-0.16	-0.42	-0.27	-0.45	-0.69	-0.68	-0.74	-0.88	-0.32	-0.25	0.37
	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
BARRETT_IC_1 23704	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_10 23701	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_11 23702	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_12 23703	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_2 23705	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_3 23706	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
BARRETT_IC_4 23707	23.77	21.75	20.87	20.69	21.81	26.07	32.71	35.79	29.77	23.87	21.72	20.26	20.18	19.49	19.68	21.02	22.86	26.45	30.35	34.71	39.47	31.20	26.77	23.43
	1.49	1.35	1.33	1.32	1.46	1.68	2.11	2.18	2.05	1.67	1.55	1.48	1.48	1.44	1.49	1.54	1.69	1.89	2.01	2.60	2.82	2.18	1.68	1.41
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01



BARRETT_IC_5 23708	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BARRETT_IC_6 23709	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BARRETT_IC_7 23710	23.77 1.49 -0.01	21.77 1.37 -0.01	20.87 1.33 0.00	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.79 2.08 0.00	23.86 1.66 0.00	21.72 1.55 0.00	20.25 1.48 0.00	20.17 1.48 0.00	19.48 1.44 0.00	19.67 1.49 0.00	21.01 1.54 0.00	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.19 2.18 0.00	26.76 1.68 0.00	23.42 1.41 0.00
BARRETT_IC_8 23711	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BARRETT_IC_9 23700	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BARRETT___1 23545	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BARRETT___2 23546	23.77 1.49 -0.01	21.75 1.35 -0.01	20.87 1.33 -0.01	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.01	32.71 2.11 0.00	35.79 2.18 0.00	29.77 2.05 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.26 1.48 -0.01	20.18 1.48 -0.01	19.49 1.44 -0.01	19.68 1.49 -0.01	21.02 1.54 -0.01	22.86 1.69 -0.01	26.45 1.89 -0.01	30.35 2.01 0.00	34.71 2.60 0.00	39.47 2.82 0.00	31.20 2.18 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
BATAVIA__115KV_TB1 55881	22.22 -0.04 0.00	20.23 -0.16 0.00	19.40 -0.14 0.00	19.15 -0.21 0.00	20.05 -0.28 0.00	24.16 -0.22 0.00	29.71 -0.89 0.00	32.77 -0.84 0.00	26.85 -0.86 0.00	21.80 -0.40 0.00	19.98 -0.18 0.00	18.47 -0.30 0.00	18.32 -0.37 0.00	17.68 -0.36 0.00	17.64 -0.55 0.00	19.00 -0.47 0.00	20.37 -0.78 0.00	23.34 -1.20 0.00	26.86 -1.47 0.00	30.57 -1.54 0.00	34.89 -1.76 0.00	28.00 -1.02 0.00	24.33 -0.75 0.00	22.24 0.22 0.00
BAYONEEC___CTG1 323682	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG10 323750	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG2 323683	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG3 323684	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG4 323685	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG5 323686	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG6 323687	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00



BAYONEEC___CTG7 323688	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG8 323689	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BAYONEEC___CTG9 323749	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.47 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.23 1.52 -1.23	22.84 1.67 -0.02	26.43 1.86 -0.02	30.40 2.04 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
BEACON___LESR 323632	22.56 0.29 0.00	20.78 0.39 0.00	19.89 0.35 0.00	19.75 0.39 0.00	20.72 0.39 0.00	24.81 0.44 0.00	31.48 0.89 0.00	34.55 0.94 0.00	28.29 0.58 0.00	22.53 0.33 0.00	20.51 0.34 0.00	19.11 0.34 0.00	19.03 0.34 0.00	18.34 0.31 0.00	18.54 0.36 0.00	19.84 0.37 0.00	21.55 0.40 0.00	24.99 0.44 0.00	28.99 0.65 0.00	33.07 0.96 0.00	37.75 1.10 0.00	29.77 0.75 0.00	25.46 0.38 0.00	22.30 0.29 0.00
BEAVER RIVER___HYD 24048	21.76 -0.51 0.00	19.90 -0.49 0.00	19.09 -0.45 0.00	18.91 -0.44 0.00	19.84 -0.49 0.00	23.72 -0.66 0.00	28.52 -0.64 1.43	32.90 -0.71 0.00	26.91 -0.80 0.00	21.48 -0.71 0.00	19.40 -0.77 0.00	18.02 -0.75 0.00	17.96 -0.73 0.00	17.29 -0.74 0.00	17.45 -0.73 0.00	18.73 -0.74 0.00	20.47 -0.68 0.00	23.91 -0.64 0.00	27.77 -0.57 0.00	31.75 -0.35 0.00	36.32 -0.33 0.00	28.87 -0.14 0.00	24.78 -0.30 0.00	21.64 -0.37 0.00
BEEBEE_GT_13 23619	22.07 -0.20 0.00	20.11 -0.29 0.00	19.26 -0.27 0.00	19.03 -0.33 0.00	19.94 -0.39 0.00	24.01 -0.37 0.00	29.71 -0.89 0.00	32.80 -0.81 0.00	26.94 -0.78 0.00	21.84 -0.36 0.00	19.96 -0.20 0.00	18.49 -0.28 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.52 -0.63 0.00	23.59 -0.96 0.00	27.12 -1.22 0.00	30.85 -1.25 0.00	35.18 -1.47 0.00	28.15 -0.87 0.00	24.38 -0.70 0.00	22.06 0.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.94 1.67 0.00	21.84 1.45 0.00	20.91 1.37 0.00	20.68 1.32 0.00	21.81 1.48 0.00	26.06 1.68 0.00	33.11 2.51 0.00	36.48 2.86 -0.02	29.93 2.22 0.00	24.03 1.82 -0.02	22.65 1.69 -0.79	22.43 1.63 -2.03	22.57 1.63 -2.25	22.26 1.61 -2.62	22.04 1.65 -2.21	22.45 1.73 -1.25	23.09 1.92 -0.02	26.77 2.21 -0.02	30.79 2.44 -0.02	35.14 3.02 -0.02	40.11 3.44 -0.02	31.37 2.35 0.00	26.94 1.86 0.00	23.51 1.50 0.00
BETHLEHEM___GRP 23843	22.20 -0.07 0.00	20.47 0.08 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.96 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.15 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.13 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
BETHLEHEM___GS1 323560	22.20 -0.07 0.00	20.45 0.06 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.97 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.14 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.12 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
BETHLEHEM___GS2 323561	22.20 -0.07 0.00	20.45 0.06 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.97 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.14 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.12 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
BETHLEHEM___GS3 323562	22.20 -0.07 0.00	20.45 0.06 0.00	19.62 0.08 0.00	19.46 0.10 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.97 0.37 0.00	34.01 0.40 0.00	27.88 0.17 0.00	22.24 0.04 0.00	20.26 0.10 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.13 0.09 0.00	18.33 0.14 0.00	19.59 0.12 0.00	21.28 0.13 0.00	24.65 0.10 0.00	28.54 0.20 0.00	32.56 0.45 0.00	37.12 0.48 0.00	29.28 0.26 0.00	25.06 -0.03 0.00	21.95 -0.07 0.00
BETHLEHEM___STEEL 23779	22.24 -0.02 0.00	20.27 -0.12 0.00	19.46 -0.08 0.00	19.20 -0.15 0.00	20.09 -0.24 0.00	24.08 -0.29 0.00	29.53 -1.07 0.00	32.50 -1.11 0.00	26.60 -1.11 0.00	21.66 -0.53 0.00	19.94 -0.22 0.00	18.45 -0.32 0.00	18.26 -0.43 0.00	17.68 -0.36 0.00	17.60 -0.58 0.00	18.97 -0.51 0.00	20.31 -0.85 0.00	23.17 -1.37 0.00	26.67 -1.67 0.00	30.24 -1.86 0.00	34.45 -2.20 0.00	27.83 -1.19 0.00	24.23 -0.85 0.00	22.19 0.18 0.00
BETHLHEM_115KV_TB1 79974	22.22 -0.04 0.00	20.47 0.08 0.00	19.64 0.10 0.00	19.48 0.12 0.00	20.43 0.10 0.00	24.42 0.05 0.00	30.96 0.37 0.00	34.04 0.44 0.00	27.91 0.19 0.00	22.24 0.04 0.00	20.28 0.12 0.00	18.90 0.13 0.00	18.80 0.11 0.00	18.15 0.11 0.00	18.33 0.15 0.00	19.61 0.14 0.00	21.30 0.15 0.00	24.65 0.10 0.00	28.56 0.23 0.00	32.59 0.48 0.00	37.16 0.51 0.00	29.31 0.29 0.00	25.08 0.00 0.00	21.97 -0.04 0.00
BETHPAGE_CC_5 323564	23.99 1.71 -0.01	21.96 1.55 -0.01	21.07 1.52 -0.01	20.88 1.51 -0.01	21.99 1.65 -0.01	26.30 1.90 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.05 2.33 -0.01	24.07 1.86 -0.01	21.92 1.75 -0.01	20.47 1.69 -0.01	20.38 1.68 -0.01	19.71 1.66 -0.01	19.89 1.69 -0.01	21.23 1.75 -0.01	23.05 1.88 -0.02	26.72 2.16 -0.01	30.63 2.29 0.00	35.06 2.95 0.00	39.87 3.23 0.00	31.46 2.44 -0.01	26.95 1.86 -0.01	23.61 1.59 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.29 0.02 0.00	20.31 -0.08 0.00	19.50 -0.04 0.00	19.24 -0.12 0.00	20.13 -0.20 0.00	24.13 -0.24 0.00	29.59 -1.01 0.00	32.60 -1.01 0.00	26.69 -1.03 0.00	21.73 -0.47 0.00	20.00 -0.16 0.00	18.49 -0.28 0.00	18.30 -0.39 0.00	17.71 -0.32 0.00	17.64 -0.55 0.00	18.99 -0.49 0.00	20.35 -0.80 0.00	23.22 -1.33 0.00	26.72 -1.62 0.00	30.31 -1.80 0.00	34.52 -2.13 0.00	27.91 -1.10 0.00	24.28 -0.80 0.00	22.21 0.20 0.00



BINGHAMTON___COGEN 23790	22.73 0.47 0.00	20.80 0.41 0.00	19.91 0.37 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.86 0.49 0.00	31.18 0.58 0.00	34.41 0.81 0.00	28.15 0.44 0.00	22.62 0.42 0.00	20.55 0.38 0.00	19.09 0.32 0.00	19.01 0.32 0.00	18.34 0.31 0.00	18.76 0.58 0.00	19.74 0.27 0.00	21.41 0.25 0.00	24.74 0.20 0.00	28.59 0.26 0.00	32.49 0.39 0.00	37.09 0.44 0.00	29.54 0.52 0.00	25.46 0.38 0.00	22.50 0.48 0.00
BIXINCNT_115KV_LOAD 355685	22.40 0.13 0.00	20.29 -0.10 0.00	19.48 -0.06 0.00	19.22 -0.14 0.00	20.05 -0.28 0.00	24.06 -0.32 0.00	29.50 -1.10 0.00	32.67 -0.94 0.00	26.55 -1.16 0.00	21.64 -0.55 0.00	19.92 -0.24 0.00	18.32 -0.45 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.36 -0.82 0.00	18.65 -0.82 0.00	19.97 -1.18 0.00	22.88 -1.67 0.00	26.47 -1.87 0.00	29.92 -2.18 0.00	34.27 -2.38 0.00	27.62 -1.39 0.00	23.98 -1.10 0.00	21.93 -0.09 0.00
BLACK RIVER___HYD 24047	21.76 -0.51 0.00	19.90 -0.49 0.00	19.09 -0.45 0.00	18.89 -0.46 0.00	19.86 -0.47 0.00	23.81 -0.56 0.00	29.12 -0.49 0.99	33.07 -0.54 0.00	26.96 -0.75 0.00	21.51 -0.69 0.00	19.40 -0.77 0.00	18.02 -0.75 0.00	17.94 -0.75 0.00	17.30 -0.74 0.00	17.43 -0.75 0.00	18.75 -0.72 0.00	20.43 -0.72 0.00	23.86 -0.69 0.00	27.74 -0.60 0.00	31.85 -0.26 0.00	36.43 -0.22 0.00	28.99 -0.03 0.00	24.81 -0.28 0.00	21.64 -0.37 0.00
BLACKRVR_115KV_TB2 79977	21.75 -0.51 0.00	19.86 -0.53 0.00	19.09 -0.45 0.00	18.89 -0.46 0.00	19.86 -0.47 0.00	23.81 -0.56 0.00	29.12 -0.49 0.99	33.07 -0.54 0.00	26.96 -0.75 0.00	21.51 -0.69 0.00	19.40 -0.77 0.00	18.02 -0.75 0.00	17.94 -0.75 0.00	17.30 -0.74 0.00	17.43 -0.75 0.00	18.75 -0.72 0.00	20.43 -0.72 0.00	23.86 -0.69 0.00	27.74 -0.60 0.00	31.85 -0.26 0.00	36.43 -0.22 0.00	28.99 -0.03 0.00	24.81 -0.28 0.00	21.64 -0.37 0.00
BLISS_WT_PWR 323608	22.36 0.09 0.00	20.21 -0.18 0.00	19.40 -0.14 0.00	19.15 -0.21 0.00	19.94 -0.39 0.00	23.98 -0.39 0.00	29.34 -1.26 0.00	32.50 -1.11 0.00	26.55 -1.16 0.00	21.51 -0.69 0.00	19.82 -0.34 0.00	18.19 -0.58 0.00	17.89 -0.80 0.00	17.30 -0.74 0.00	17.22 -0.96 0.00	18.48 -0.99 0.00	19.78 -1.37 0.00	22.76 -1.79 0.00	26.41 -1.93 0.00	29.73 -2.38 0.00	34.01 -2.64 0.00	27.42 -1.60 0.00	23.78 -1.31 0.00	21.77 -0.24 0.00
BLUESTONE___WT_PWR 323821	23.76 1.49 0.00	21.74 1.35 0.00	20.83 1.29 0.00	20.64 1.28 0.00	21.65 1.32 0.00	26.01 1.63 0.00	32.80 2.20 0.00	36.23 2.62 0.00	29.51 1.80 0.00	23.57 1.38 0.00	21.23 1.07 0.00	19.77 0.99 0.00	19.68 0.99 0.00	18.97 0.94 0.00	19.24 1.05 0.00	20.48 1.01 0.00	22.27 1.12 0.00	25.82 1.28 0.00	29.98 1.64 0.00	34.35 2.25 0.00	39.10 2.46 0.00	31.25 2.23 0.00	26.79 1.71 0.00	23.56 1.54 0.00
BLUE_CIRC_CHEM_DRP 24182	22.60 0.33 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.81 0.44 0.00	31.36 0.76 0.00	34.41 0.81 0.00	28.15 0.44 0.00	22.40 0.20 0.00	20.32 0.16 0.00	18.94 0.17 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.38 0.20 0.00	19.69 0.21 0.00	21.43 0.27 0.00	24.89 0.34 0.00	28.85 0.51 0.00	32.91 0.80 0.00	37.57 0.92 0.00	29.69 0.67 0.00	25.46 0.38 0.00	22.32 0.31 0.00
BOC_GAS_DRP 24189	22.58 0.31 0.00	20.72 0.33 0.00	19.87 0.33 0.00	19.69 0.33 0.00	20.70 0.37 0.00	24.76 0.39 0.00	31.33 0.73 0.00	34.41 0.81 0.00	28.21 0.50 0.00	22.55 0.36 0.00	20.51 0.34 0.00	19.11 0.34 0.00	19.03 0.34 0.00	18.36 0.32 0.00	18.54 0.36 0.00	19.82 0.35 0.00	21.55 0.40 0.00	24.99 0.44 0.00	28.88 0.54 0.00	32.91 0.80 0.00	37.53 0.88 0.00	29.66 0.64 0.00	25.43 0.35 0.00	22.30 0.29 0.00
BOONVILLE_115KV_TB1 79983	22.53 0.27 0.00	20.60 0.20 0.00	19.77 0.23 0.00	19.59 0.23 0.00	20.57 0.24 0.00	24.62 0.24 0.00	30.73 0.49 0.36	34.21 0.60 0.00	28.02 0.30 0.00	22.40 0.20 0.00	20.22 0.06 0.00	18.83 0.06 0.00	18.77 0.07 0.00	18.07 0.04 0.00	18.22 0.04 0.00	19.53 0.06 0.00	21.32 0.17 0.00	24.79 0.25 0.00	28.76 0.43 0.00	32.88 0.77 0.00	37.49 0.84 0.00	29.80 0.78 0.00	25.58 0.50 0.00	22.39 0.37 0.00
BORALEX_4TH_BRANCH 23824	22.93 0.67 0.00	21.05 0.65 0.00	20.20 0.66 0.00	20.06 0.70 0.00	21.06 0.73 0.00	25.23 0.85 0.00	32.19 1.59 0.00	35.32 1.71 0.00	28.76 1.05 0.00	22.93 0.73 0.00	20.83 0.67 0.00	19.43 0.66 0.00	19.31 0.62 0.00	18.63 0.60 0.00	18.78 0.60 0.00	20.10 0.62 0.00	21.89 0.74 0.00	25.41 0.86 0.00	29.41 1.08 0.00	33.87 1.77 0.00	38.55 1.91 0.00	30.47 1.45 0.00	25.93 0.85 0.00	22.65 0.64 0.00
BOWLINE___1 23526	23.42 1.16 0.00	21.43 1.04 0.00	20.55 1.02 0.00	20.37 1.01 0.00	21.45 1.12 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.79 2.18 0.00	29.26 1.55 0.00	23.46 1.26 0.00	21.35 1.19 0.00	19.92 1.15 0.00	19.83 1.14 0.00	19.16 1.12 0.00	19.36 1.18 0.00	20.68 1.21 0.00	22.48 1.33 0.00	26.00 1.45 0.00	29.92 1.59 0.00	34.29 2.18 0.00	39.07 2.42 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.07 1.06 0.00
BOWLINE___2 23595	23.42 1.16 0.00	21.43 1.04 0.00	20.55 1.02 0.00	20.37 1.01 0.00	21.45 1.12 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.79 2.18 0.00	29.26 1.55 0.00	23.46 1.26 0.00	21.35 1.19 0.00	19.92 1.15 0.00	19.83 1.14 0.00	19.17 1.14 0.00	19.36 1.18 0.00	20.68 1.21 0.00	22.48 1.33 0.00	26.00 1.45 0.00	29.92 1.59 0.00	34.29 2.18 0.00	39.07 2.42 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.07 1.06 0.00
BRADY___115KV_TB2 356060	21.75 -0.51 0.00	19.92 -0.47 0.00	19.11 -0.43 0.00	18.93 -0.43 0.00	19.84 -0.49 0.00	23.78 -0.58 0.01	25.04 -0.86 4.70	32.63 -0.97 0.01	26.99 -0.72 0.00	21.57 -0.62 0.00	19.60 -0.56 0.00	18.18 -0.58 0.01	18.12 -0.56 0.01	17.49 -0.54 0.01	17.66 -0.51 0.01	18.90 -0.56 0.01	20.53 -0.61 0.01	24.01 -0.54 0.00	27.74 -0.60 0.00	31.14 -0.96 0.00	35.66 -0.99 0.00	28.23 -0.78 0.00	24.63 -0.45 0.00	21.53 -0.48 0.00
BRANSCOMB___SOLAR 323811	22.89 0.62 0.00	21.03 0.63 0.00	20.10 0.57 0.00	19.96 0.60 0.00	20.96 0.63 0.00	25.13 0.76 0.00	31.91 1.31 0.00	34.88 1.28 0.00	28.52 0.80 0.00	22.66 0.47 0.00	20.57 0.40 0.00	19.17 0.39 0.00	19.08 0.39 0.00	18.40 0.36 0.00	18.56 0.38 0.00	19.90 0.43 0.00	21.62 0.46 0.00	25.16 0.61 0.00	29.24 0.91 0.00	33.49 1.38 0.00	38.22 1.57 0.00	30.21 1.19 0.00	25.78 0.70 0.00	22.59 0.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.64 1.87 -0.50	22.26 1.69 -0.18	21.41 1.64 -0.24	21.22 1.63 -0.23	22.25 1.79 -0.13	26.50 2.10 -0.03	33.73 2.57 -0.56	36.41 2.79 -0.01	30.53 2.49 -0.33	24.40 2.00 -0.21	22.62 1.88 -0.58	20.91 1.80 -0.34	20.72 1.78 -0.26	19.97 1.75 -0.19	20.14 1.80 -0.16	21.41 1.87 -0.07	23.36 2.01 -0.20	26.94 2.38 -0.01	31.33 2.52 -0.47	36.03 3.27 -0.65	40.49 3.55 -0.29	32.29 2.70 -0.57	27.34 2.08 -0.17	24.04 1.78 -0.24



BRISTLHL_115KV_TB1 79998	21.91 -0.36 0.00	20.05 -0.35 0.00	19.21 -0.33 0.00	19.03 -0.33 0.00	19.98 -0.35 0.00	24.01 -0.37 0.00	30.26 -0.34 0.00	33.27 -0.34 0.00	27.35 -0.36 0.00	21.88 -0.31 0.00	19.84 -0.32 0.00	18.45 -0.32 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.80 -0.38 0.00	19.16 -0.31 0.00	20.79 -0.36 0.00	24.13 -0.42 0.00	27.88 -0.45 0.00	31.69 -0.42 0.00	36.25 -0.40 0.00	28.73 -0.29 0.00	24.73 -0.35 0.00	21.73 -0.29 0.00
BROOKHAVEN___DRP 24191	30.21 1.80 -6.14	24.14 1.65 -2.09	24.09 1.60 -2.95	23.71 1.59 -2.77	23.58 1.75 -1.50	26.54 2.02 -0.14	40.08 2.42 -7.07	36.44 2.72 -0.11	34.23 2.41 -4.11	26.76 1.98 -2.59	29.28 1.83 -7.28	24.80 1.78 -4.25	23.65 1.76 -3.20	22.01 1.73 -2.25	21.92 1.78 -1.95	22.13 1.83 -0.83	25.31 1.95 -2.21	26.89 2.33 -0.01	36.68 2.44 -5.90	43.34 3.11 -8.12	43.65 3.37 -3.63	38.78 2.58 -7.18	29.29 2.03 -2.18	26.75 1.76 -2.97
BROOKLYN_NAVY_YARD 23515	23.65 1.38 0.00	21.60 1.20 0.00	20.71 1.17 0.00	20.50 1.14 0.00	21.65 1.32 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.21 2.59 -0.02	29.65 1.94 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.18 1.48 -1.23	22.80 1.63 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.79 2.66 -0.02	39.63 2.97 -0.02	31.05 2.03 0.00	26.61 1.53 0.00	23.27 1.25 0.00
BROOKLYN___ARMY_DRP 323595	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
BROOKVLE_69_KV_TB1 55790	23.93 1.65 -0.01	21.92 1.51 -0.01	20.98 1.45 0.00	20.80 1.43 -0.01	21.91 1.57 -0.01	26.22 1.83 -0.02	33.04 2.45 0.00	36.30 2.69 0.00	29.98 2.27 0.00	23.99 1.80 0.00	21.86 1.69 0.00	20.40 1.63 0.00	20.32 1.63 0.00	19.63 1.59 0.00	19.82 1.64 0.00	21.17 1.69 0.00	23.01 1.84 -0.02	26.65 2.09 -0.01	30.63 2.30 0.00	35.12 3.02 0.00	39.95 3.30 0.00	31.46 2.44 0.00	26.91 1.83 0.00	23.56 1.54 0.00
BROOME_2_LFGE 323671	22.73 0.47 0.00	20.80 0.41 0.00	19.91 0.37 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.86 0.49 0.00	31.18 0.58 0.00	34.41 0.81 0.00	28.21 0.50 0.00	22.62 0.42 0.00	20.55 0.38 0.00	19.09 0.32 0.00	19.01 0.32 0.00	18.34 0.31 0.00	18.76 0.58 0.00	19.74 0.27 0.00	21.41 0.25 0.00	24.74 0.20 0.00	28.59 0.25 0.00	32.52 0.42 0.00	37.09 0.44 0.00	29.54 0.52 0.00	25.46 0.38 0.00	22.50 0.48 0.00
BROOME___LFGE 323600	22.73 0.47 0.00	20.80 0.41 0.00	19.91 0.37 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.86 0.49 0.00	31.18 0.58 0.00	34.41 0.81 0.00	28.21 0.50 0.00	22.62 0.42 0.00	20.55 0.38 0.00	19.09 0.32 0.00	19.01 0.32 0.00	18.34 0.31 0.00	18.76 0.58 0.00	19.74 0.27 0.00	21.41 0.25 0.00	24.74 0.20 0.00	28.59 0.25 0.00	32.52 0.42 0.00	37.09 0.44 0.00	29.54 0.52 0.00	25.46 0.38 0.00	22.50 0.48 0.00
BROWNFLS_115KV_TB_3_5 80003	21.26 -1.00 0.00	19.43 -0.96 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.39 -0.94 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.07 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.18 -1.16 0.00	30.82 -1.28 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
BROWNSV1_27_KV_LOAD 356125	23.89 1.63 0.00	21.84 1.45 0.00	20.91 1.37 0.00	20.71 1.36 0.00	21.85 1.52 0.00	26.15 1.78 0.00	33.23 2.63 0.00	36.61 2.99 -0.02	29.98 2.27 0.00	24.03 1.82 -0.02	22.64 1.69 -0.78	22.41 1.63 -2.01	22.54 1.63 -2.23	22.21 1.59 -2.59	22.00 1.64 -2.18	22.40 1.69 -1.23	23.03 1.86 -0.02	26.67 2.11 -0.02	30.71 2.35 -0.02	35.17 3.05 -0.02	40.07 3.41 -0.02	31.34 2.32 0.00	26.89 1.81 0.00	23.49 1.48 0.00
BURROWS___LYONSDAL 23803	22.38 0.11 0.00	20.45 0.06 0.00	19.64 0.10 0.00	19.44 0.08 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.24 0.21 0.57	33.91 0.30 0.00	27.77 0.06 0.00	22.17 -0.02 0.00	20.02 -0.14 0.00	18.64 -0.13 0.00	18.56 -0.13 0.00	17.89 -0.14 0.00	18.03 -0.15 0.00	19.34 -0.14 0.00	21.15 0.00 0.00	24.62 0.07 0.00	28.56 0.23 0.00	32.65 0.55 0.00	37.24 0.59 0.00	29.60 0.58 0.00	25.41 0.33 0.00	22.24 0.22 0.00
CAITHNESS_CC_1 323624	30.19 1.78 -6.14	24.12 1.63 -2.09	24.10 1.60 -2.96	23.70 1.57 -2.77	23.56 1.73 -1.50	26.52 2.00 -0.14	40.09 2.42 -7.08	36.44 2.72 -0.11	34.21 2.38 -4.12	26.75 1.95 -2.60	29.30 1.83 -7.30	24.80 1.76 -4.26	23.64 1.74 -3.21	22.01 1.71 -2.26	21.91 1.76 -1.97	22.12 1.81 -0.84	25.29 1.92 -2.22	26.82 2.26 -0.01	36.65 2.41 -5.91	43.32 3.08 -8.13	43.61 3.33 -3.63	38.77 2.55 -7.20	29.25 1.98 -2.19	26.72 1.72 -2.98
CALPINE BETH_PAGE_GT4 24209	23.99 1.71 -0.01	21.98 1.57 -0.01	21.06 1.52 0.00	20.88 1.51 -0.01	21.99 1.65 -0.01	26.32 1.93 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.04 2.33 0.00	24.06 1.86 0.00	21.92 1.75 0.00	20.46 1.69 0.00	20.37 1.68 0.00	19.68 1.64 0.00	19.88 1.69 0.00	21.22 1.75 0.00	23.05 1.88 -0.02	26.72 2.16 -0.01	30.60 2.27 0.00	35.00 2.89 0.00	39.80 3.15 0.00	31.40 2.38 0.00	26.89 1.81 0.00	23.53 1.52 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.99 1.71 -0.01	21.96 1.55 -0.01	21.07 1.52 -0.01	20.88 1.51 -0.01	21.99 1.65 -0.01	26.30 1.90 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.02 2.30 -0.01	24.07 1.86 -0.01	21.92 1.75 -0.01	20.47 1.69 -0.01	20.38 1.68 -0.01	19.69 1.64 -0.01	19.89 1.69 -0.01	21.23 1.75 -0.01	23.05 1.88 -0.02	26.72 2.16 -0.01	30.58 2.24 0.00	35.00 2.89 0.00	39.80 3.15 0.00	31.41 2.38 -0.01	26.90 1.81 -0.01	23.54 1.52 -0.01
CALPINE_BP_GT1 23823	23.99 1.71 -0.01	21.96 1.55 -0.01	21.07 1.52 -0.01	20.88 1.51 -0.01	21.99 1.65 -0.01	26.30 1.90 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.02 2.30 -0.01	24.07 1.86 -0.01	21.92 1.75 -0.01	20.47 1.69 -0.01	20.38 1.68 -0.01	19.69 1.64 -0.01	19.89 1.69 -0.01	21.23 1.75 -0.01	23.05 1.88 -0.02	26.72 2.16 -0.01	30.58 2.24 0.00	35.00 2.89 0.00	39.80 3.15 0.00	31.41 2.38 -0.01	26.90 1.81 -0.01	23.54 1.52 -0.01
CALSPAN___DRP 24200	22.24 -0.02 0.00	20.27 -0.12 0.00	19.46 -0.08 0.00	19.20 -0.15 0.00	20.09 -0.24 0.00	24.08 -0.29 0.00	29.53 -1.07 0.00	32.50 -1.11 0.00	26.60 -1.11 0.00	21.66 -0.53 0.00	19.94 -0.22 0.00	18.45 -0.32 0.00	18.26 -0.43 0.00	17.68 -0.36 0.00	17.60 -0.58 0.00	18.97 -0.51 0.00	20.31 -0.85 0.00	23.17 -1.37 0.00	26.67 -1.67 0.00	30.24 -1.86 0.00	34.45 -2.20 0.00	27.83 -1.19 0.00	24.23 -0.85 0.00	22.19 0.18 0.00



CALVERTON___SOLAR 323806	30.25 1.85 -6.14	24.18 1.69 -2.09	24.15 1.66 -2.95	23.75 1.63 -2.77	23.62 1.79 -1.50	26.59 2.07 -0.14	40.14 2.48 -7.07	36.51 2.79 -0.11	34.26 2.44 -4.11	26.81 2.02 -2.60	29.33 1.88 -7.29	24.83 1.80 -4.26	23.69 1.79 -3.21	22.04 1.75 -2.25	21.94 1.80 -1.96	22.16 1.85 -0.84	25.33 1.97 -2.21	26.89 2.33 -0.01	36.73 2.49 -5.90	43.44 3.21 -8.12	43.76 3.48 -3.63	38.84 2.64 -7.19	29.35 2.08 -2.18	26.80 1.81 -2.98
CANDIGU_WT_PWR 323617	22.67 0.40 0.00	20.66 0.26 0.00	19.77 0.24 0.00	19.53 0.17 0.00	20.45 0.12 0.00	24.59 0.22 0.00	30.54 -0.06 0.00	33.64 0.03 0.00	27.57 -0.14 0.00	22.15 -0.04 0.00	20.18 0.02 0.00	18.68 -0.09 0.00	18.52 -0.17 0.00	17.87 -0.16 0.00	17.76 -0.42 0.00	19.20 -0.27 0.00	20.71 -0.45 0.00	23.86 -0.69 0.00	27.66 -0.68 0.00	31.37 -0.74 0.00	35.77 -0.88 0.00	28.70 -0.32 0.00	24.83 -0.25 0.00	22.39 0.37 0.00
CARR STREET_E_SYR 24060	22.20 -0.07 0.00	20.33 -0.06 0.00	19.46 -0.08 0.00	19.28 -0.08 0.00	20.25 -0.08 0.00	24.33 -0.05 0.00	30.63 0.03 0.00	33.81 0.20 0.00	27.79 0.08 0.00	22.26 0.07 0.00	20.16 0.00 0.00	18.77 0.00 0.00	18.69 0.00 0.00	18.04 0.00 0.00	18.07 -0.11 0.00	19.47 0.00 0.00	21.13 -0.02 0.00	24.50 -0.05 0.00	28.28 -0.06 0.00	32.17 0.06 0.00	36.72 0.07 0.00	29.13 0.12 0.00	25.08 0.00 0.00	22.06 0.04 0.00
CARTHAGE___PAPER 23857	21.69 -0.58 0.00	19.84 -0.55 0.00	19.03 -0.51 0.00	18.84 -0.52 0.00	19.80 -0.53 0.00	23.72 -0.66 0.00	28.79 -0.64 1.16	32.90 -0.71 0.00	26.85 -0.86 0.00	21.42 -0.78 0.00	19.34 -0.83 0.00	17.94 -0.83 0.00	17.89 -0.80 0.00	17.24 -0.79 0.00	17.38 -0.80 0.00	18.67 -0.80 0.00	20.41 -0.74 0.00	23.83 -0.71 0.00	27.71 -0.62 0.00	31.75 -0.35 0.00	36.32 -0.33 0.00	28.87 -0.14 0.00	24.75 -0.33 0.00	21.60 -0.42 0.00
CASSADAGA_WT_PWR 323784	22.36 0.09 0.00	20.29 -0.10 0.00	19.46 -0.08 0.00	19.20 -0.16 0.00	20.09 -0.24 0.00	24.11 -0.27 0.00	29.56 -1.04 0.00	32.77 -0.84 0.00	26.88 -0.83 0.00	21.66 -0.53 0.00	19.92 -0.24 0.00	18.38 -0.40 0.00	18.15 -0.54 0.00	17.60 -0.43 0.00	17.51 -0.67 0.00	18.85 -0.62 0.00	20.33 -0.83 0.00	23.32 -1.23 0.00	26.95 -1.39 0.00	30.40 -1.70 0.00	34.71 -1.94 0.00	28.12 -0.90 0.00	24.38 -0.70 0.00	22.21 0.20 0.00
CE_DUNWOOD___DRP 24194	23.54 1.27 0.00	21.56 1.16 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.55 1.22 0.00	25.81 1.44 0.00	32.71 2.11 0.00	36.03 2.42 0.00	29.51 1.80 0.00	23.62 1.42 0.00	21.51 1.35 0.00	20.09 1.31 0.00	19.98 1.29 0.00	19.32 1.28 0.00	19.51 1.33 0.00	20.84 1.36 0.00	22.65 1.50 0.00	26.24 1.69 0.00	30.18 1.84 0.00	34.58 2.47 0.00	39.40 2.75 0.00	30.96 1.94 0.00	26.51 1.43 0.00	23.18 1.17 0.00
CE_MILLWOOD___DRP 24193	23.51 1.25 0.00	21.52 1.12 0.00	20.61 1.07 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.65 2.05 0.00	35.96 2.35 0.00	29.46 1.75 0.00	23.57 1.38 0.00	21.45 1.29 0.00	20.03 1.26 0.00	19.94 1.25 0.00	19.28 1.24 0.00	19.47 1.29 0.00	20.78 1.30 0.00	22.61 1.46 0.00	26.17 1.62 0.00	30.12 1.79 0.00	34.51 2.41 0.00	39.32 2.68 0.00	30.90 1.89 0.00	26.46 1.38 0.00	23.14 1.12 0.00
CE_NYC2_DRP 24202	23.76 1.49 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.93 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.66 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
CE_NYC_DRP 24195	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.73 1.40 0.00	26.01 1.63 0.00	33.01 2.42 0.00	36.38 2.76 -0.02	29.79 2.08 0.00	23.85 1.64 -0.02	22.50 1.55 -0.78	22.28 1.50 -2.01	22.39 1.48 -2.22	22.08 1.46 -2.58	21.87 1.51 -2.18	22.26 1.56 -1.23	22.88 1.71 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.92 2.79 -0.02	39.78 3.12 -0.02	31.14 2.12 0.00	26.69 1.61 0.00	23.34 1.32 0.00
CHAFFEE___LFGE 323603	22.29 0.02 0.00	20.31 -0.08 0.00	19.50 -0.04 0.00	19.24 -0.12 0.00	20.13 -0.20 0.00	24.15 -0.22 0.00	29.62 -0.98 0.00	32.63 -0.98 0.00	26.94 -0.78 0.00	21.75 -0.44 0.00	20.04 -0.12 0.00	18.53 -0.24 0.00	18.36 -0.34 0.00	17.77 -0.27 0.00	17.69 -0.49 0.00	19.06 -0.41 0.00	20.41 -0.74 0.00	23.37 -1.18 0.00	26.98 -1.36 0.00	30.40 -1.70 0.00	34.63 -2.02 0.00	27.97 -1.04 0.00	24.33 -0.75 0.00	22.26 0.24 0.00
CHATEAUG_35_KV_LOAD 355732	21.44 -0.82 0.00	19.58 -0.82 0.00	18.78 -0.76 0.00	18.58 -0.77 0.00	19.44 -0.89 0.00	23.25 -1.12 0.01	24.10 -1.47 5.02	31.85 -1.75 0.01	26.33 -1.39 0.00	21.15 -1.04 0.00	19.28 -0.89 0.00	17.88 -0.88 0.01	17.77 -0.92 0.01	17.11 -0.92 0.01	17.26 -0.91 0.01	18.47 -0.99 0.01	20.13 -1.02 0.01	23.76 -0.79 0.00	27.46 -0.88 0.00	30.76 -1.35 0.00	35.22 -1.43 0.00	27.89 -1.13 0.00	24.38 -0.70 0.00	21.29 -0.73 0.00
CHATEAUG_WT_PWR 323614	21.37 -0.89 0.00	19.50 -0.90 0.00	18.70 -0.84 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.12 -1.24 0.01	23.89 -1.59 5.12	31.75 -1.85 0.01	26.19 -1.52 0.00	21.09 -1.11 0.00	19.24 -0.93 0.00	17.83 -0.94 0.01	17.69 -0.99 0.01	17.02 -1.01 0.01	17.16 -1.02 0.01	18.36 -1.11 0.01	20.00 -1.14 0.01	23.66 -0.88 0.00	27.35 -0.99 0.00	30.69 -1.41 0.00	35.11 -1.54 0.00	27.83 -1.19 0.00	24.33 -0.75 0.00	21.22 -0.79 0.00
CHAT_HIGH_FALL_HYD 323578	21.44 -0.82 0.00	19.58 -0.82 0.00	18.78 -0.76 0.00	18.58 -0.77 0.00	19.44 -0.89 0.00	23.25 -1.12 0.01	24.10 -1.47 5.02	31.85 -1.75 0.01	26.33 -1.39 0.00	21.15 -1.04 0.00	19.28 -0.89 0.00	17.88 -0.88 0.01	17.77 -0.92 0.01	17.11 -0.92 0.01	17.26 -0.91 0.01	18.47 -0.99 0.01	20.13 -1.02 0.01	23.76 -0.79 0.00	27.46 -0.88 0.00	30.76 -1.35 0.00	35.22 -1.43 0.00	27.89 -1.13 0.00	24.38 -0.70 0.00	21.29 -0.73 0.00
CHAUTAUQUA___LFGE 323629	22.40 0.13 0.00	20.37 -0.02 0.00	19.56 0.02 0.00	19.30 -0.06 0.00	20.19 -0.14 0.00	24.23 -0.15 0.00	29.68 -0.92 0.00	32.84 -0.77 0.00	26.99 -0.72 0.00	21.80 -0.40 0.00	20.06 -0.10 0.00	18.53 -0.24 0.00	18.34 -0.36 0.00	17.77 -0.27 0.00	17.67 -0.51 0.00	19.04 -0.43 0.00	20.45 -0.70 0.00	23.42 -1.13 0.00	27.06 -1.27 0.00	30.53 -1.57 0.00	34.78 -1.87 0.00	28.15 -0.87 0.00	24.46 -0.63 0.00	22.32 0.31 0.00
CHERRYST_13_KV_LD 356241	23.78 1.51 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.64 1.28 0.00	21.77 1.44 0.00	26.08 1.71 0.00	33.11 2.51 0.00	36.48 2.86 -0.02	29.87 2.16 0.00	23.94 1.73 -0.02	22.56 1.61 -0.78	22.35 1.58 -2.01	22.46 1.55 -2.22	22.16 1.53 -2.58	21.92 1.56 -2.18	22.32 1.62 -1.23	22.94 1.78 -0.02	26.58 2.01 -0.02	30.56 2.21 -0.02	34.98 2.86 -0.02	39.89 3.23 -0.02	31.19 2.18 0.00	26.74 1.66 0.00	23.38 1.36 0.00



CHESTROR_138KV_BK263 355645	23.31 1.05 0.00	21.35 0.96 0.00	20.48 0.94 0.00	20.29 0.93 0.00	21.35 1.02 0.00	25.57 1.19 0.00	32.34 1.74 0.00	35.59 1.98 0.00	29.10 1.39 0.00	23.28 1.09 0.00	21.19 1.03 0.00	19.77 0.99 0.00	19.68 0.99 0.00	19.01 0.97 0.00	19.22 1.04 0.00	20.52 1.05 0.00	22.31 1.16 0.00	25.85 1.30 0.00	29.75 1.42 0.00	34.06 1.96 0.00	38.81 2.16 0.00	30.61 1.60 0.00	26.24 1.15 0.00	22.98 0.97 0.00
CH_MIDHUDSON___DRP 24192	23.71 1.45 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	26.01 1.63 0.00	32.95 2.36 0.00	36.09 2.49 0.00	29.51 1.80 0.00	23.55 1.35 0.00	21.39 1.23 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.15 0.00	19.42 1.24 0.00	20.74 1.27 0.00	22.61 1.46 0.00	26.17 1.62 0.00	30.12 1.79 0.00	34.58 2.47 0.00	39.43 2.79 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
CH_MISC_IPPS 23765	23.69 1.43 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.32 0.00	36.09 2.49 0.00	29.49 1.78 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.16 0.00	19.42 1.24 0.00	20.74 1.26 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.10 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
CH_RES_BVR_FALLS 23983	21.64 -0.62 0.00	19.78 -0.61 0.00	18.91 -0.63 0.00	18.72 -0.64 0.00	19.62 -0.71 0.00	23.51 -0.85 0.01	21.43 -1.19 7.97	32.28 -1.31 0.01	26.77 -0.94 0.00	21.48 -0.71 0.00	19.52 -0.65 0.00	18.12 -0.64 0.01	18.02 -0.65 0.01	17.39 -0.63 0.01	17.55 -0.62 0.01	18.78 -0.68 0.01	20.44 -0.70 0.01	23.83 -0.71 0.00	27.57 -0.76 0.00	31.14 -0.96 0.00	35.62 -1.03 0.00	28.21 -0.81 0.00	24.48 -0.60 0.00	21.44 -0.57 0.00
CH_RES_NIAGARA 23895	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.16 -1.22 0.00	28.30 -2.29 0.00	30.92 -2.69 0.00	25.41 -2.30 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.24 -2.31 0.00	25.50 -2.83 0.00	28.93 -3.18 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
CH_RES_SYRACUSE 23985	22.22 -0.04 0.00	20.35 -0.04 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.15 0.44 0.00	22.55 0.35 0.00	20.41 0.24 0.00	18.98 0.21 0.00	18.92 0.23 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.59 0.25 0.00	32.52 0.42 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
CLINTON_WT_PWR 323605	21.37 -0.89 0.00	19.50 -0.90 0.00	18.70 -0.84 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.12 -1.24 0.01	23.89 -1.59 5.12	31.75 -1.85 0.01	26.19 -1.52 0.00	21.09 -1.11 0.00	19.24 -0.93 0.00	17.83 -0.94 0.01	17.69 -0.99 0.01	17.02 -1.01 0.01	17.16 -1.02 0.01	18.36 -1.11 0.01	20.00 -1.14 0.01	23.66 -0.88 0.00	27.35 -0.99 0.00	30.69 -1.41 0.00	35.11 -1.54 0.00	27.83 -1.19 0.00	24.33 -0.75 0.00	21.22 -0.79 0.00
CLINTON___LFGE 323618	21.49 -0.78 0.00	19.62 -0.77 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.42 -0.91 0.00	23.20 -1.17 0.01	24.16 -1.35 5.09	32.02 -1.58 0.01	26.35 -1.36 0.00	21.22 -0.98 0.00	19.38 -0.79 0.00	17.90 -0.86 0.01	17.77 -0.92 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.13 -1.01 0.01	23.91 -0.64 0.00	27.63 -0.71 0.00	30.98 -1.12 0.00	35.51 -1.14 0.00	28.09 -0.93 0.00	24.51 -0.58 0.00	21.38 -0.64 0.00
COBBLENY_34_KV_TB1 80064	22.29 0.02 0.00	20.31 -0.08 0.00	19.50 -0.04 0.00	19.24 -0.12 0.00	20.13 -0.20 0.00	24.13 -0.24 0.00	29.62 -0.98 0.00	32.63 -0.97 0.00	26.74 -0.97 0.00	21.75 -0.44 0.00	20.04 -0.12 0.00	18.53 -0.24 0.00	18.35 -0.34 0.00	17.77 -0.27 0.00	17.69 -0.49 0.00	19.06 -0.41 0.00	20.41 -0.74 0.00	23.30 -1.25 0.00	26.81 -1.53 0.00	30.40 -1.70 0.00	34.63 -2.02 0.00	27.97 -1.04 0.00	24.33 -0.75 0.00	22.26 0.24 0.00
COFFEEN___115KV_TB3 355620	21.89 -0.38 0.00	19.99 -0.41 0.00	19.21 -0.33 0.00	19.03 -0.33 0.00	19.98 -0.35 0.00	23.98 -0.39 0.00	29.36 -0.28 0.96	33.30 -0.30 0.00	27.13 -0.58 0.00	21.60 -0.60 0.00	19.48 -0.69 0.00	18.08 -0.69 0.00	18.00 -0.69 0.00	17.35 -0.69 0.00	17.49 -0.69 0.00	18.81 -0.66 0.00	20.52 -0.63 0.00	23.98 -0.56 0.00	27.91 -0.43 0.00	32.11 0.00 0.00	36.72 0.07 0.00	29.22 0.20 0.00	25.01 -0.08 0.00	21.82 -0.20 0.00
COLDSPRG_115KV_BK1 355956	22.82 0.56 0.00	20.76 0.37 0.00	19.93 0.39 0.00	19.67 0.31 0.00	20.59 0.26 0.00	24.72 0.34 0.00	30.35 -0.24 0.00	33.74 0.13 0.00	27.49 -0.22 0.00	22.31 0.11 0.00	20.55 0.38 0.00	18.94 0.17 0.00	18.73 0.04 0.00	18.15 0.11 0.00	18.04 -0.15 0.00	19.43 -0.04 0.00	20.86 -0.30 0.00	23.79 -0.76 0.00	27.52 -0.82 0.00	31.11 -1.00 0.00	35.55 -1.10 0.00	28.81 -0.20 0.00	24.96 -0.13 0.00	22.68 0.66 0.00
COLONIE_LFGE___ 323577	22.76 0.49 0.00	20.90 0.51 0.00	20.03 0.49 0.00	19.86 0.50 0.00	20.86 0.53 0.00	24.98 0.61 0.00	31.76 1.16 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.71 0.51 0.00	20.63 0.46 0.00	19.22 0.45 0.00	19.14 0.45 0.00	18.45 0.42 0.00	18.64 0.45 0.00	19.94 0.47 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.13 0.79 0.00	33.36 1.25 0.00	38.04 1.39 0.00	30.06 1.04 0.00	25.68 0.60 0.00	22.48 0.46 0.00
COOPERNY_115KV_TB1 80082	23.11 0.85 0.00	21.17 0.77 0.00	20.30 0.76 0.00	20.11 0.76 0.00	21.14 0.81 0.00	25.35 0.97 0.00	31.97 1.38 0.00	35.22 1.61 0.00	28.85 1.14 0.00	23.11 0.91 0.00	21.01 0.85 0.00	19.58 0.81 0.00	19.49 0.80 0.00	18.83 0.79 0.00	19.04 0.85 0.00	20.31 0.84 0.00	22.08 0.93 0.00	25.58 1.03 0.00	29.47 1.13 0.00	33.68 1.57 0.00	38.37 1.72 0.00	30.32 1.31 0.00	26.03 0.95 0.00	22.81 0.79 0.00
COPENHAGEN_WT_PWR 323753	21.78 -0.49 0.00	19.93 -0.47 0.00	19.11 -0.43 0.00	18.91 -0.44 0.00	19.88 -0.45 0.00	23.84 -0.54 0.00	29.20 -0.49 0.90	33.10 -0.50 0.00	27.02 -0.69 0.00	21.55 -0.64 0.00	19.46 -0.71 0.00	18.06 -0.71 0.00	18.00 -0.69 0.00	17.33 -0.70 0.00	17.47 -0.71 0.00	18.79 -0.68 0.00	20.47 -0.68 0.00	23.89 -0.66 0.00	27.77 -0.57 0.00	31.85 -0.26 0.00	36.43 -0.22 0.00	28.96 -0.06 0.00	24.81 -0.28 0.00	21.66 -0.35 0.00
CORNELL_____ 23752	22.87 0.60 0.00	20.90 0.51 0.00	20.01 0.47 0.00	19.80 0.45 0.00	20.80 0.47 0.00	25.01 0.63 0.00	31.55 0.95 0.00	34.85 1.24 0.00	28.49 0.78 0.00	22.79 0.60 0.00	20.61 0.44 0.00	19.15 0.38 0.00	19.06 0.37 0.00	18.40 0.36 0.00	18.24 0.05 0.00	19.90 0.43 0.00	21.60 0.44 0.00	25.06 0.52 0.00	29.02 0.68 0.00	33.04 0.93 0.00	37.79 1.14 0.00	30.03 1.02 0.00	25.83 0.75 0.00	22.79 0.77 0.00



CORONA__69_KV_TB1 355595	23.90 1.63 -0.01	21.87 1.47 -0.01	20.96 1.43 0.00	20.79 1.41 -0.01	21.89 1.55 -0.01	26.19 1.80 -0.01	32.92 2.33 0.00	36.09 2.49 0.00	29.93 2.22 0.00	23.95 1.75 0.00	21.82 1.65 0.00	20.37 1.60 0.00	20.26 1.57 0.00	19.59 1.55 0.00	19.78 1.60 0.00	21.13 1.66 0.00	22.94 1.78 -0.01	26.57 2.01 -0.01	30.58 2.24 0.00	35.03 2.92 0.00	39.84 3.19 0.00	31.43 2.41 0.00	26.91 1.83 0.00	23.56 1.54 0.00
CORTLAND__115KV_TB3 80093	22.87 0.60 0.00	20.90 0.51 0.00	20.05 0.51 0.00	19.86 0.50 0.00	20.86 0.53 0.00	25.11 0.73 0.00	31.76 1.16 0.00	35.05 1.45 0.00	28.71 1.00 0.00	22.93 0.73 0.00	20.71 0.54 0.00	19.24 0.47 0.00	19.20 0.50 0.00	18.49 0.45 0.00	18.58 0.40 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.23 0.69 0.00	29.24 0.91 0.00	33.33 1.22 0.00	38.11 1.47 0.00	30.24 1.22 0.00	25.96 0.88 0.00	22.79 0.77 0.00
COXSACKIE__GT 23611	23.13 0.87 0.00	21.27 0.88 0.00	20.36 0.82 0.00	20.21 0.85 0.00	21.25 0.92 0.00	25.45 1.07 0.00	32.37 1.77 0.00	35.12 1.51 0.00	28.57 0.86 0.00	22.55 0.35 0.00	20.41 0.24 0.00	18.96 0.19 0.00	18.90 0.21 0.00	18.20 0.16 0.00	18.44 0.25 0.00	19.76 0.29 0.00	21.55 0.40 0.00	25.11 0.57 0.00	29.19 0.85 0.00	33.45 1.35 0.00	38.22 1.57 0.00	30.18 1.16 0.00	25.83 0.75 0.00	22.70 0.68 0.00
CPV_VALLEY__CC1 323721	23.24 0.98 0.00	21.27 0.88 0.00	20.40 0.86 0.00	20.21 0.85 0.00	21.27 0.94 0.00	25.47 1.10 0.00	32.19 1.59 0.00	35.45 1.85 0.00	28.99 1.28 0.00	23.24 1.04 0.00	21.13 0.97 0.00	19.71 0.94 0.00	19.63 0.93 0.00	18.96 0.92 0.00	19.16 0.98 0.00	20.45 0.97 0.00	22.25 1.10 0.00	25.75 1.20 0.00	29.64 1.30 0.00	33.94 1.83 0.00	38.66 2.01 0.00	30.50 1.48 0.00	26.13 1.05 0.00	22.92 0.90 0.00
CPV_VALLEY__CC2 323722	23.24 0.98 0.00	21.27 0.88 0.00	20.40 0.86 0.00	20.21 0.85 0.00	21.27 0.94 0.00	25.47 1.10 0.00	32.19 1.59 0.00	35.45 1.85 0.00	28.99 1.28 0.00	23.24 1.04 0.00	21.13 0.97 0.00	19.71 0.94 0.00	19.63 0.93 0.00	18.96 0.92 0.00	19.16 0.98 0.00	20.45 0.97 0.00	22.25 1.10 0.00	25.75 1.20 0.00	29.64 1.30 0.00	33.94 1.83 0.00	38.66 2.01 0.00	30.50 1.48 0.00	26.13 1.05 0.00	22.92 0.90 0.00
CRESCENT__HYD 24018	22.76 0.49 0.00	20.90 0.51 0.00	20.03 0.49 0.00	19.86 0.50 0.00	20.86 0.53 0.00	24.98 0.61 0.00	31.76 1.16 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.71 0.51 0.00	20.63 0.46 0.00	19.22 0.45 0.00	19.14 0.45 0.00	18.45 0.42 0.00	18.64 0.45 0.00	19.94 0.47 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.13 0.79 0.00	33.36 1.25 0.00	38.04 1.39 0.00	30.06 1.04 0.00	25.68 0.60 0.00	22.48 0.46 0.00
CRICKET__VALLEY_CC1 323756	23.11 0.85 0.00	21.21 0.82 0.00	20.38 0.84 0.00	20.21 0.85 0.00	21.22 0.89 0.00	25.37 1.00 0.00	32.31 1.71 0.00	35.49 1.88 0.00	28.93 1.22 0.00	23.15 0.95 0.00	21.07 0.91 0.00	19.69 0.92 0.00	19.59 0.90 0.00	18.92 0.88 0.00	19.09 0.91 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.68 1.13 0.00	29.58 1.25 0.00	34.06 1.96 0.00	38.77 2.12 0.00	30.58 1.57 0.00	26.06 0.98 0.00	22.76 0.75 0.00
CRICKET__VALLEY_CC2 323757	23.11 0.85 0.00	21.21 0.82 0.00	20.38 0.84 0.00	20.21 0.85 0.00	21.22 0.89 0.00	25.37 1.00 0.00	32.31 1.71 0.00	35.49 1.88 0.00	28.93 1.22 0.00	23.15 0.95 0.00	21.07 0.91 0.00	19.69 0.92 0.00	19.59 0.90 0.00	18.92 0.88 0.00	19.09 0.91 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.68 1.13 0.00	29.58 1.25 0.00	34.06 1.96 0.00	38.77 2.12 0.00	30.58 1.57 0.00	26.06 0.98 0.00	22.76 0.75 0.00
CRICKET__VALLEY_CC3 323758	23.11 0.85 0.00	21.21 0.82 0.00	20.38 0.84 0.00	20.21 0.85 0.00	21.22 0.89 0.00	25.37 1.00 0.00	32.31 1.71 0.00	35.49 1.88 0.00	28.93 1.22 0.00	23.15 0.95 0.00	21.07 0.91 0.00	19.69 0.92 0.00	19.59 0.90 0.00	18.92 0.88 0.00	19.09 0.91 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.68 1.13 0.00	29.58 1.25 0.00	34.06 1.96 0.00	38.77 2.12 0.00	30.58 1.57 0.00	26.06 0.98 0.00	22.76 0.75 0.00
CRUCIBLE__METL_DRP 24180	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
DAHOWA__HYDRO 323763	22.89 0.62 0.00	21.00 0.61 0.00	20.08 0.55 0.00	19.94 0.58 0.00	20.94 0.61 0.00	25.13 0.76 0.00	31.91 1.31 0.00	34.92 1.31 0.00	28.52 0.80 0.00	22.66 0.47 0.00	20.55 0.38 0.00	19.13 0.36 0.00	19.06 0.37 0.00	18.36 0.33 0.00	18.54 0.36 0.00	19.88 0.41 0.00	21.60 0.44 0.00	25.14 0.59 0.00	29.27 0.93 0.00	33.49 1.38 0.00	38.26 1.61 0.00	30.21 1.19 0.00	25.76 0.68 0.00	22.57 0.55 0.00
DANC__LFGE 323619	21.84 -0.42 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.92 -0.41 0.00	23.91 -0.46 0.00	29.56 -0.43 0.61	33.17 -0.44 0.00	27.13 -0.58 0.00	21.69 -0.51 0.00	19.60 -0.56 0.00	18.23 -0.54 0.00	18.15 -0.54 0.00	17.50 -0.54 0.00	17.60 -0.58 0.00	18.93 -0.55 0.00	20.58 -0.57 0.00	23.96 -0.59 0.00	27.80 -0.54 0.00	31.79 -0.32 0.00	36.35 -0.29 0.00	28.87 -0.14 0.00	24.78 -0.30 0.00	21.71 -0.31 0.00
DANSKAMMER__1 23586	23.69 1.43 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.32 0.00	36.09 2.49 0.00	29.49 1.78 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.16 0.00	19.42 1.24 0.00	20.74 1.26 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.10 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
DANSKAMMER__2 23589	23.69 1.43 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.32 0.00	36.09 2.49 0.00	29.49 1.78 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.16 0.00	19.42 1.24 0.00	20.74 1.26 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.10 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
DANSKAMMER__3 23590	23.69 1.43 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.32 0.00	36.09 2.49 0.00	29.49 1.78 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.16 0.00	19.42 1.24 0.00	20.74 1.26 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.10 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00



DANSKAMMER___4 23591	23.69 1.43 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.32 0.00	36.09 2.49 0.00	29.49 1.78 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.16 0.00	19.42 1.24 0.00	20.74 1.26 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.10 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
DANSKAMMER___DIESEL 23592	23.69 1.43 0.00	21.68 1.28 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.92 2.33 0.00	36.09 2.49 0.00	29.48 1.77 0.00	23.53 1.33 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.19 1.15 0.00	19.42 1.24 0.00	20.74 1.27 0.00	22.59 1.44 0.00	26.17 1.62 0.00	30.09 1.76 0.00	34.55 2.44 0.00	39.40 2.75 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
DARBY___SOLAR 323810	22.89 0.62 0.00	21.03 0.63 0.00	20.10 0.57 0.00	19.96 0.60 0.00	20.96 0.63 0.00	25.13 0.76 0.00	31.94 1.34 0.00	34.95 1.35 0.00	28.57 0.86 0.00	22.71 0.51 0.00	20.61 0.44 0.00	19.20 0.43 0.00	19.12 0.43 0.00	18.43 0.40 0.00	18.60 0.42 0.00	19.94 0.47 0.00	21.66 0.51 0.00	25.18 0.64 0.00	29.27 0.93 0.00	33.49 1.38 0.00	38.26 1.61 0.00	30.21 1.19 0.00	25.78 0.70 0.00	22.59 0.57 0.00
DASHVILLE___HYD 23610	23.60 1.34 0.00	21.60 1.20 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.61 1.28 0.00	25.86 1.49 0.00	32.74 2.14 0.00	35.89 2.29 0.00	29.35 1.63 0.00	23.46 1.27 0.00	21.33 1.17 0.00	19.90 1.13 0.00	19.83 1.14 0.00	19.16 1.12 0.00	19.36 1.18 0.00	20.68 1.21 0.00	22.53 1.37 0.00	26.07 1.52 0.00	29.95 1.62 0.00	34.39 2.28 0.00	39.18 2.53 0.00	30.85 1.83 0.00	26.44 1.35 0.00	23.18 1.17 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.64 2.25 -6.13	24.54 2.06 -2.09	24.47 1.99 -2.94	24.10 1.97 -2.76	23.96 2.13 -1.50	27.03 2.51 -0.14	40.68 3.03 -7.06	37.08 3.36 -0.11	34.72 2.91 -4.10	27.11 2.33 -2.58	29.61 2.18 -7.27	25.10 2.08 -4.24	23.94 2.06 -3.19	22.30 2.02 -2.24	22.19 2.05 -1.95	22.44 2.14 -0.83	25.65 2.28 -2.21	27.28 2.72 -0.01	37.15 2.92 -5.89	43.94 3.72 -8.11	44.37 4.10 -3.62	39.32 3.13 -7.17	29.74 2.48 -2.17	27.16 2.18 -2.97
DELAWARE___LFGE 323621	23.09 0.82 0.00	21.15 0.75 0.00	20.28 0.74 0.00	20.09 0.74 0.00	21.12 0.79 0.00	25.32 0.95 0.00	31.94 1.35 0.00	35.15 1.55 0.00	28.79 1.08 0.00	23.06 0.87 0.00	20.89 0.73 0.00	19.47 0.69 0.00	19.38 0.69 0.00	18.70 0.67 0.00	19.00 0.82 0.00	20.19 0.72 0.00	21.93 0.78 0.00	25.41 0.86 0.00	29.36 1.02 0.00	33.52 1.41 0.00	38.19 1.54 0.00	30.32 1.31 0.00	26.03 0.95 0.00	22.85 0.84 0.00
DERFIELD_115KV_TB7 355931	22.36 0.09 0.00	20.47 0.08 0.00	19.62 0.08 0.00	19.44 0.08 0.00	20.43 0.10 0.00	24.47 0.10 0.00	31.06 0.21 -0.25	33.84 0.24 0.00	27.85 0.14 0.00	22.28 0.09 0.00	20.24 0.08 0.00	18.85 0.08 0.00	18.77 0.07 0.00	18.11 0.07 0.00	18.25 0.07 0.00	19.55 0.08 0.00	21.24 0.08 0.00	24.65 0.10 0.00	28.45 0.11 0.00	32.36 0.26 0.00	36.94 0.29 0.00	29.25 0.23 0.00	25.18 0.10 0.00	22.10 0.09 0.00
DOGLEVILLE___HYD 23807	22.53 0.27 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.12 0.27 -0.25	33.87 0.27 0.00	27.85 0.14 0.00	22.31 0.11 0.00	20.22 0.06 0.00	18.81 0.04 0.00	18.67 -0.02 0.00	17.98 -0.05 0.00	18.13 -0.05 0.00	19.40 -0.08 0.00	21.07 -0.08 0.00	24.45 -0.10 0.00	28.31 -0.03 0.00	32.24 0.13 0.00	36.80 0.15 0.00	29.25 0.23 0.00	25.21 0.13 0.00	22.13 0.11 0.00
DUNKIRK___115KV_TB_200 55889	22.42 0.16 0.00	20.39 0.00 0.00	19.58 0.04 0.00	19.32 -0.04 0.00	20.21 -0.12 0.00	24.23 -0.15 0.00	29.71 -0.89 0.00	32.87 -0.74 0.00	26.85 -0.86 0.00	21.84 -0.36 0.00	20.08 -0.08 0.00	18.56 -0.21 0.00	18.37 -0.32 0.00	17.78 -0.25 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.47 -0.68 0.00	23.37 -1.18 0.00	26.95 -1.39 0.00	30.53 -1.57 0.00	34.82 -1.83 0.00	28.18 -0.84 0.00	24.45 -0.63 0.00	22.35 0.33 0.00
DUNKIRK___1 23563	22.42 0.16 0.00	20.39 0.00 0.00	19.58 0.04 0.00	19.32 -0.04 0.00	20.21 -0.12 0.00	24.23 -0.15 0.00	29.71 -0.89 0.00	32.87 -0.74 0.00	26.85 -0.86 0.00	21.84 -0.36 0.00	20.08 -0.08 0.00	18.56 -0.21 0.00	18.37 -0.32 0.00	17.78 -0.25 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.47 -0.68 0.00	23.37 -1.18 0.00	26.95 -1.39 0.00	30.53 -1.57 0.00	34.82 -1.83 0.00	28.18 -0.84 0.00	24.45 -0.63 0.00	22.35 0.33 0.00
DUNKIRK___2 23564	22.42 0.16 0.00	20.39 0.00 0.00	19.58 0.04 0.00	19.32 -0.04 0.00	20.21 -0.12 0.00	24.23 -0.15 0.00	29.71 -0.89 0.00	32.87 -0.74 0.00	26.85 -0.86 0.00	21.84 -0.36 0.00	20.08 -0.08 0.00	18.56 -0.21 0.00	18.37 -0.32 0.00	17.78 -0.25 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.47 -0.68 0.00	23.37 -1.18 0.00	26.95 -1.39 0.00	30.53 -1.57 0.00	34.82 -1.83 0.00	28.18 -0.84 0.00	24.45 -0.63 0.00	22.35 0.33 0.00
DUNKIRK___3 23565	22.36 0.09 0.00	20.35 -0.04 0.00	19.54 0.00 0.00	19.28 -0.08 0.00	20.17 -0.16 0.00	24.18 -0.19 0.00	29.65 -0.95 0.00	32.77 -0.84 0.00	26.80 -0.91 0.00	21.80 -0.40 0.00	20.04 -0.12 0.00	18.53 -0.24 0.00	18.34 -0.36 0.00	17.75 -0.29 0.00	17.67 -0.51 0.00	19.04 -0.43 0.00	20.43 -0.72 0.00	23.32 -1.23 0.00	26.89 -1.45 0.00	30.44 -1.67 0.00	34.71 -1.94 0.00	28.06 -0.96 0.00	24.40 -0.68 0.00	22.28 0.26 0.00
DUNKIRK___4 23566	22.36 0.09 0.00	20.35 -0.04 0.00	19.54 0.00 0.00	19.28 -0.08 0.00	20.17 -0.16 0.00	24.18 -0.19 0.00	29.65 -0.95 0.00	32.77 -0.84 0.00	26.80 -0.91 0.00	21.80 -0.40 0.00	20.04 -0.12 0.00	18.53 -0.24 0.00	18.34 -0.36 0.00	17.75 -0.29 0.00	17.67 -0.51 0.00	19.04 -0.43 0.00	20.43 -0.72 0.00	23.32 -1.23 0.00	26.89 -1.45 0.00	30.44 -1.67 0.00	34.71 -1.94 0.00	28.06 -0.96 0.00	24.40 -0.68 0.00	22.28 0.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.58 1.31 0.00	21.60 1.20 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.59 1.26 0.00	25.86 1.49 0.00	32.80 2.20 0.00	36.13 2.52 0.00	29.60 1.88 0.00	23.70 1.51 0.00	21.57 1.41 0.00	20.14 1.37 0.00	20.06 1.36 0.00	19.39 1.35 0.00	19.58 1.40 0.00	20.89 1.42 0.00	22.72 1.57 0.00	26.31 1.77 0.00	30.26 1.93 0.00	34.67 2.57 0.00	39.51 2.86 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.23 1.21 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.49 1.22 0.00	21.52 1.12 0.00	20.61 1.07 0.00	20.42 1.06 0.00	21.51 1.18 0.00	25.76 1.39 0.00	32.62 2.02 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.42 1.22 0.00	21.29 1.13 0.00	19.84 1.07 0.00	19.78 1.08 0.00	19.10 1.06 0.00	19.31 1.13 0.00	20.62 1.15 0.00	22.46 1.31 0.00	26.00 1.45 0.00	29.92 1.59 0.00	34.29 2.18 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.39 1.30 0.00	23.12 1.10 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.79 1.41 0.00	32.77 2.17 0.00	36.11 2.49 -0.02	29.62 1.91 0.00	23.77 1.55 -0.02	21.62 1.45 -0.01	20.19 1.41 -0.01	20.11 1.40 -0.01	19.42 1.37 -0.01	19.61 1.42 -0.01	20.96 1.48 -0.01	22.80 1.63 -0.02	26.40 1.84 -0.02	30.34 1.98 -0.02	34.69 2.57 -0.02	39.56 2.90 -0.02	30.96 1.94 0.00	26.54 1.45 0.00	23.23 1.21 0.00
E179THST_13_KV_LOAD 356214	23.80 1.54 0.00	21.78 1.39 0.00	20.85 1.31 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.89 1.51 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	21.71 1.53 -0.01	20.29 1.50 -0.01	20.18 1.48 -0.01	19.51 1.46 -0.01	19.70 1.51 -0.01	21.04 1.56 -0.01	22.90 1.73 -0.02	26.50 1.94 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.74 3.08 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.34 1.32 0.00
EAST HAMPTON___GT 23717	30.93 2.54 -6.13	24.79 2.30 -2.09	24.73 2.25 -2.95	24.35 2.23 -2.76	24.23 2.40 -1.50	27.34 2.83 -0.14	41.08 3.43 -7.06	37.52 3.80 -0.11	35.03 3.21 -4.11	27.34 2.55 -2.59	29.84 2.40 -7.28	25.31 2.29 -4.25	24.13 2.24 -3.20	22.49 2.20 -2.25	22.38 2.24 -1.96	22.62 2.32 -0.83	25.83 2.47 -2.21	27.48 2.92 -0.01	37.49 3.26 -5.89	44.32 4.11 -8.11	44.78 4.51 -3.62	39.67 3.48 -7.18	30.02 2.76 -2.18	27.41 2.42 -2.98
EAST RIVER___6 23660	23.78 1.51 0.00	21.72 1.32 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.75 1.42 0.00	26.05 1.68 0.00	33.07 2.48 0.00	36.48 2.85 -0.02	29.87 2.16 0.00	23.96 1.75 -0.02	22.58 1.63 -0.78	22.35 1.58 -2.01	22.48 1.57 -2.22	22.15 1.53 -2.58	21.94 1.58 -2.18	22.34 1.64 -1.23	22.96 1.80 -0.02	26.58 2.01 -0.02	30.54 2.18 -0.02	35.01 2.89 -0.02	39.89 3.23 -0.02	31.20 2.18 0.00	26.74 1.65 0.00	23.38 1.37 0.00
EAST RIVER___7 23524	23.78 1.51 0.00	21.72 1.32 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.75 1.42 0.00	26.05 1.68 0.00	33.07 2.48 0.00	36.48 2.85 -0.02	29.87 2.16 0.00	23.96 1.75 -0.02	22.58 1.63 -0.78	22.35 1.58 -2.01	22.48 1.57 -2.22	22.15 1.53 -2.58	21.94 1.58 -2.18	22.34 1.64 -1.23	22.96 1.80 -0.02	26.58 2.01 -0.02	30.54 2.18 -0.02	35.01 2.89 -0.02	39.89 3.23 -0.02	31.20 2.18 0.00	26.74 1.65 0.00	23.38 1.37 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.54 1.27 0.00	21.56 1.16 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.55 1.22 0.00	25.81 1.44 0.00	32.71 2.11 0.00	36.03 2.42 0.00	29.51 1.80 0.00	23.62 1.42 0.00	21.51 1.35 0.00	20.09 1.31 0.00	19.98 1.29 0.00	19.32 1.28 0.00	19.51 1.33 0.00	20.84 1.36 0.00	22.65 1.50 0.00	26.24 1.69 0.00	30.18 1.84 0.00	34.58 2.47 0.00	39.40 2.75 0.00	30.96 1.94 0.00	26.51 1.43 0.00	23.18 1.17 0.00
EAST_HAMPTON___DIESEL 23722	30.93 2.54 -6.13	24.81 2.32 -2.09	24.73 2.25 -2.95	24.37 2.24 -2.76	24.25 2.42 -1.50	27.37 2.85 -0.14	41.08 3.43 -7.06	37.52 3.80 -0.11	35.06 3.24 -4.11	27.36 2.57 -2.59	29.84 2.40 -7.28	25.31 2.29 -4.25	24.15 2.26 -3.20	22.49 2.20 -2.25	22.38 2.24 -1.96	22.62 2.32 -0.83	25.83 2.47 -2.21	27.48 2.92 -0.01	37.49 3.26 -5.89	44.36 4.14 -8.11	44.81 4.54 -3.62	39.70 3.51 -7.18	30.02 2.76 -2.18	27.41 2.42 -2.98
EAST_POINT___SOLAR 323840	24.09 1.83 0.00	22.11 1.71 0.00	21.10 1.56 0.00	20.97 1.61 0.00	22.04 1.71 0.00	26.57 2.19 0.00	33.50 2.91 0.00	36.66 3.06 0.00	29.87 2.16 0.00	23.59 1.40 0.00	21.27 1.11 0.00	19.78 1.01 0.00	19.74 1.05 0.00	18.99 0.96 0.00	19.27 1.09 0.00	20.62 1.15 0.00	22.40 1.25 0.00	26.17 1.62 0.00	30.63 2.29 0.00	35.00 2.89 0.00	40.06 3.41 0.00	31.92 2.90 0.00	27.21 2.13 0.00	23.89 1.87 0.00
EAST_PULASKI___ESR 323781	21.93 -0.33 0.00	20.07 -0.33 0.00	19.22 -0.31 0.00	19.05 -0.31 0.00	20.03 -0.30 0.00	24.03 -0.34 0.00	29.98 -0.31 0.31	33.27 -0.34 0.00	27.30 -0.41 0.00	21.84 -0.36 0.00	19.78 -0.38 0.00	18.40 -0.38 0.00	18.32 -0.37 0.00	17.66 -0.38 0.00	17.74 -0.44 0.00	19.08 -0.39 0.00	20.73 -0.42 0.00	24.08 -0.47 0.00	27.88 -0.45 0.00	31.79 -0.32 0.00	36.35 -0.29 0.00	28.84 -0.17 0.00	24.78 -0.30 0.00	21.75 -0.26 0.00
EAST_RIVER___1 323558	23.74 1.47 0.00	21.68 1.29 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.73 1.40 0.00	26.01 1.63 0.00	33.01 2.42 0.00	36.38 2.76 -0.02	29.76 2.05 0.00	23.85 1.64 -0.02	22.50 1.55 -0.78	22.28 1.50 -2.01	22.39 1.48 -2.22	22.08 1.46 -2.58	21.87 1.51 -2.18	22.26 1.56 -1.23	22.88 1.71 -0.02	26.48 1.92 -0.02	30.45 2.10 -0.02	34.91 2.79 -0.02	39.78 3.11 -0.02	31.13 2.12 0.00	26.69 1.61 0.00	23.34 1.32 0.00
EAST_RIVER___2 323559	23.78 1.51 0.00	21.72 1.32 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.75 1.42 0.00	26.05 1.68 0.00	33.07 2.48 0.00	36.48 2.85 -0.02	29.87 2.16 0.00	23.96 1.75 -0.02	22.58 1.63 -0.78	22.35 1.58 -2.01	22.48 1.57 -2.22	22.15 1.53 -2.58	21.94 1.58 -2.18	22.34 1.64 -1.23	22.96 1.80 -0.02	26.58 2.01 -0.02	30.54 2.18 -0.02	35.01 2.89 -0.02	39.89 3.23 -0.02	31.20 2.18 0.00	26.74 1.65 0.00	23.38 1.37 0.00
EAST___DELAWARE_HYD 23607	23.45 1.18 0.00	21.43 1.04 0.00	20.55 1.02 0.00	20.37 1.01 0.00	21.45 1.12 0.00	25.71 1.34 0.00	32.56 1.96 0.00	35.62 2.02 0.00	29.07 1.36 0.00	23.22 1.02 0.00	21.05 0.89 0.00	19.62 0.85 0.00	19.55 0.86 0.00	18.89 0.85 0.00	19.11 0.93 0.00	20.41 0.93 0.00	22.25 1.10 0.00	25.80 1.25 0.00	29.67 1.33 0.00	34.10 1.99 0.00	38.85 2.20 0.00	30.64 1.62 0.00	26.29 1.20 0.00	23.05 1.03 0.00
EIGHT_POINT___WT_PWR 323820	22.91 0.65 0.00	20.84 0.45 0.00	19.93 0.39 0.00	19.67 0.31 0.00	20.59 0.26 0.00	24.81 0.44 0.00	30.84 0.24 0.00	33.98 0.37 0.00	27.82 0.11 0.00	22.31 0.11 0.00	20.31 0.14 0.00	18.75 -0.02 0.00	18.58 -0.11 0.00	17.91 -0.13 0.00	17.76 -0.42 0.00	19.12 -0.35 0.00	20.58 -0.57 0.00	23.76 -0.79 0.00	27.63 -0.71 0.00	31.34 -0.77 0.00	35.73 -0.91 0.00	28.64 -0.38 0.00	24.81 -0.28 0.00	22.46 0.44 0.00
ELBRIDGE_115KV_TB2 80188	22.09 -0.18 0.00	20.21 -0.18 0.00	19.34 -0.20 0.00	19.17 -0.19 0.00	20.13 -0.20 0.00	24.18 -0.19 0.00	30.44 -0.15 0.00	34.35 0.74 0.00	28.15 0.44 0.00	22.62 0.42 0.00	20.47 0.30 0.00	19.02 0.24 0.00	18.95 0.26 0.00	18.25 0.22 0.00	18.27 0.09 0.00	19.73 0.25 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.54 0.52 0.00	25.43 0.35 0.00	22.46 0.44 0.00
ELEC_TRO_TEK 24086	23.79 1.51 -0.01	21.77 1.37 -0.01	20.89 1.35 0.00	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.02	32.80 2.20 0.00	35.96 2.35 0.00	29.82 2.11 0.00	23.88 1.69 0.00	21.76 1.59 0.00	20.29 1.52 0.00	20.21 1.51 0.00	19.52 1.48 0.00	19.71 1.53 0.00	21.05 1.58 0.00	22.84 1.67 -0.02	26.47 1.91 -0.01	30.43 2.10 0.00	34.87 2.76 0.00	39.65 3.01 0.00	31.25 2.23 0.00	26.79 1.71 0.00	23.42 1.41 0.00



ELLENBURG_WT_PWR 323604	21.37 -0.89 0.00	19.50 -0.90 0.00	18.70 -0.84 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.12 -1.24 0.01	23.89 -1.59 5.12	31.75 -1.85 0.01	26.19 -1.52 0.00	21.09 -1.11 0.00	19.24 -0.93 0.00	17.83 -0.94 0.01	17.69 -0.99 0.01	17.02 -1.01 0.01	17.16 -1.02 0.01	18.36 -1.11 0.01	20.00 -1.14 0.01	23.66 -0.88 0.00	27.35 -0.99 0.00	30.69 -1.41 0.00	35.11 -1.54 0.00	27.83 -1.19 0.00	24.33 -0.75 0.00	21.22 -0.79 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.09 -0.18 0.00	20.13 -0.27 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	19.96 -0.37 0.00	23.91 -0.46 0.00	29.31 -1.29 0.00	32.20 -1.41 0.00	26.41 -1.30 0.00	21.51 -0.69 0.00	19.80 -0.36 0.00	18.32 -0.45 0.00	18.15 -0.54 0.00	17.55 -0.49 0.00	17.49 -0.69 0.00	18.83 -0.64 0.00	20.16 -0.99 0.00	23.03 -1.52 0.00	26.47 -1.87 0.00	30.02 -2.09 0.00	34.19 -2.46 0.00	27.62 -1.39 0.00	24.05 -1.03 0.00	22.06 0.04 0.00
EMPIRE_CC_1 323656	22.71 0.45 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.84 0.48 0.00	20.84 0.51 0.00	24.94 0.56 0.00	31.64 1.04 0.00	34.75 1.14 0.00	28.40 0.69 0.00	22.68 0.49 0.00	20.65 0.48 0.00	19.24 0.47 0.00	19.16 0.47 0.00	18.47 0.43 0.00	18.65 0.47 0.00	19.96 0.49 0.00	21.68 0.53 0.00	25.14 0.59 0.00	29.07 0.74 0.00	33.26 1.15 0.00	37.90 1.25 0.00	29.95 0.93 0.00	25.63 0.55 0.00	22.43 0.42 0.00
EMPIRE_CC_2 323658	22.71 0.45 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.84 0.48 0.00	20.84 0.51 0.00	24.94 0.56 0.00	31.64 1.04 0.00	34.75 1.14 0.00	28.40 0.69 0.00	22.68 0.49 0.00	20.65 0.48 0.00	19.24 0.47 0.00	19.16 0.47 0.00	18.47 0.43 0.00	18.65 0.47 0.00	19.96 0.49 0.00	21.68 0.53 0.00	25.14 0.59 0.00	29.07 0.74 0.00	33.26 1.15 0.00	37.90 1.25 0.00	29.95 0.93 0.00	25.63 0.55 0.00	22.43 0.42 0.00
ENORWICH_115KV_TB1 80156	24.07 1.80 0.00	21.92 1.53 0.00	21.04 1.50 0.00	20.83 1.47 0.00	21.85 1.52 0.00	26.25 1.88 0.00	33.17 2.57 0.00	36.56 2.96 0.00	29.65 1.94 0.00	23.64 1.44 0.00	21.19 1.03 0.00	19.71 0.94 0.00	19.63 0.93 0.00	18.90 0.87 0.00	19.00 0.82 0.00	20.48 1.01 0.00	22.34 1.18 0.00	25.92 1.37 0.00	30.21 1.87 0.00	34.74 2.63 0.00	39.54 2.90 0.00	31.66 2.64 0.00	27.11 2.03 0.00	23.84 1.83 0.00
ERIE_ST__34_KV_TB1-2 80199	22.42 0.16 0.00	20.43 0.04 0.00	19.62 0.08 0.00	19.36 0.00 0.00	20.25 -0.08 0.00	24.30 -0.07 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	26.96 -0.75 0.00	21.95 -0.24 0.00	20.22 0.06 0.00	18.70 -0.08 0.00	18.49 -0.21 0.00	17.91 -0.13 0.00	17.82 -0.36 0.00	19.20 -0.27 0.00	20.58 -0.57 0.00	23.47 -1.08 0.00	27.06 -1.28 0.00	30.63 -1.48 0.00	34.89 -1.76 0.00	28.21 -0.81 0.00	24.50 -0.58 0.00	22.39 0.37 0.00
ERIE_WT_PWR 323693	22.27 0.00 0.00	20.29 -0.10 0.00	19.46 -0.08 0.00	19.22 -0.13 0.00	20.11 -0.22 0.00	24.13 -0.24 0.00	29.56 -1.04 0.00	32.53 -1.08 0.00	26.85 -0.86 0.00	21.69 -0.51 0.00	19.96 -0.20 0.00	18.47 -0.30 0.00	18.28 -0.41 0.00	17.69 -0.34 0.00	17.62 -0.56 0.00	18.97 -0.51 0.00	20.33 -0.83 0.00	23.27 -1.28 0.00	26.86 -1.47 0.00	30.28 -1.83 0.00	34.49 -2.16 0.00	27.86 -1.16 0.00	24.23 -0.85 0.00	22.21 0.20 0.00
ESPRGFLD_115KV_TB1 80157	23.85 1.58 0.00	21.82 1.43 0.00	20.89 1.35 0.00	20.71 1.36 0.00	21.77 1.44 0.00	26.23 1.85 0.00	33.04 2.45 0.00	36.30 2.69 0.00	29.62 1.91 0.00	23.57 1.38 0.00	21.27 1.11 0.00	19.80 1.03 0.00	19.74 1.05 0.00	19.01 0.97 0.00	19.31 1.13 0.00	20.56 1.09 0.00	22.36 1.21 0.00	26.00 1.45 0.00	30.26 1.93 0.00	34.58 2.47 0.00	39.47 2.82 0.00	31.48 2.47 0.00	26.91 1.83 0.00	23.62 1.61 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.78 0.51 0.00	20.82 0.43 0.00	19.95 0.41 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.94 0.56 0.00	31.39 0.80 0.00	34.72 1.11 0.00	28.38 0.67 0.00	22.71 0.51 0.00	20.55 0.38 0.00	19.09 0.32 0.00	19.03 0.34 0.00	18.34 0.31 0.00	18.16 -0.02 0.00	19.84 0.37 0.00	21.55 0.40 0.00	24.99 0.44 0.00	28.93 0.60 0.00	32.97 0.87 0.00	37.68 1.03 0.00	29.95 0.93 0.00	25.76 0.68 0.00	22.70 0.68 0.00
ETNA____115KV_TB2 80207	22.78 0.51 0.00	20.82 0.43 0.00	19.95 0.41 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.94 0.56 0.00	31.39 0.80 0.00	34.72 1.11 0.00	28.38 0.67 0.00	22.71 0.51 0.00	20.55 0.38 0.00	19.09 0.32 0.00	19.03 0.34 0.00	18.34 0.31 0.00	18.16 -0.02 0.00	19.84 0.37 0.00	21.55 0.40 0.00	24.99 0.44 0.00	28.93 0.60 0.00	32.97 0.87 0.00	37.68 1.03 0.00	29.95 0.93 0.00	25.76 0.68 0.00	22.70 0.68 0.00
EUCLID__115KV_TB2 356179	22.09 -0.18 0.00	20.21 -0.18 0.00	19.36 -0.18 0.00	19.17 -0.19 0.00	20.15 -0.18 0.00	24.18 -0.19 0.00	30.44 -0.15 0.00	33.57 -0.03 0.00	27.57 -0.14 0.00	22.11 -0.09 0.00	20.04 -0.12 0.00	18.66 -0.11 0.00	18.58 -0.11 0.00	17.91 -0.13 0.00	17.98 -0.20 0.00	19.36 -0.12 0.00	21.00 -0.15 0.00	24.33 -0.22 0.00	28.11 -0.23 0.00	31.95 -0.16 0.00	36.50 -0.15 0.00	28.93 -0.09 0.00	24.93 -0.15 0.00	21.93 -0.09 0.00
E_CANADA_CAP_HY 24051	24.05 1.78 0.00	22.07 1.67 0.00	21.06 1.52 0.00	20.93 1.57 0.00	22.00 1.67 0.00	26.52 2.15 0.00	33.41 2.81 0.00	36.60 2.99 0.00	29.79 2.08 0.00	23.55 1.35 0.00	21.23 1.07 0.00	19.77 0.99 0.00	19.72 1.03 0.00	18.97 0.94 0.00	19.25 1.07 0.00	20.58 1.11 0.00	22.38 1.23 0.00	26.09 1.55 0.00	30.55 2.21 0.00	34.90 2.79 0.00	39.95 3.30 0.00	31.86 2.85 0.00	27.16 2.08 0.00	23.84 1.83 0.00
E_CANADA_MHWK_HY 24050	22.53 0.27 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.12 0.27 -0.25	33.87 0.27 0.00	27.85 0.14 0.00	22.31 0.11 0.00	20.22 0.06 0.00	18.81 0.04 0.00	18.67 -0.02 0.00	17.98 -0.05 0.00	18.13 -0.05 0.00	19.40 -0.08 0.00	21.07 -0.08 0.00	24.45 -0.10 0.00	28.31 -0.03 0.00	32.24 0.13 0.00	36.80 0.15 0.00	29.25 0.23 0.00	25.21 0.13 0.00	22.13 0.11 0.00
E_FISHKILL__LBMP 23776	23.31 1.05 0.00	21.37 0.98 0.00	20.48 0.94 0.00	20.31 0.95 0.00	21.37 1.04 0.00	25.57 1.19 0.00	32.43 1.84 0.00	35.69 2.08 0.00	29.21 1.50 0.00	23.35 1.15 0.00	21.27 1.11 0.00	19.86 1.09 0.00	19.76 1.07 0.00	19.08 1.05 0.00	19.27 1.09 0.00	20.58 1.11 0.00	22.38 1.23 0.00	25.92 1.37 0.00	29.87 1.53 0.00	34.23 2.12 0.00	38.99 2.35 0.00	30.70 1.68 0.00	26.26 1.18 0.00	22.96 0.95 0.00
FALCON__SEABRD_CC1 323796	21.49 -0.78 0.00	19.58 -0.82 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.40 -0.93 0.00	23.15 -1.22 0.01	24.03 -1.47 5.10	31.89 -1.71 0.01	26.27 -1.44 0.00	21.17 -1.02 0.00	19.36 -0.81 0.00	17.88 -0.88 0.01	17.75 -0.93 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.39 -1.07 0.01	20.07 -1.08 0.01	23.83 -0.71 0.00	27.57 -0.76 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.06 -0.96 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00



FALCON___SEABRD_CC2 323797	21.49 -0.78 0.00	19.58 -0.82 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.40 -0.93 0.00	23.15 -1.22 0.01	24.03 -1.47 5.10	31.89 -1.71 0.01	26.27 -1.44 0.00	21.17 -1.02 0.00	19.36 -0.81 0.00	17.88 -0.88 0.01	17.75 -0.93 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.39 -1.07 0.01	20.07 -1.08 0.01	23.83 -0.71 0.00	27.57 -0.76 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.06 -0.96 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00
FAR ROCKAWAY___4 23548	24.08 1.80 -0.01	22.04 1.63 -0.01	21.12 1.58 0.00	20.94 1.57 -0.01	22.05 1.71 -0.01	26.36 1.97 -0.01	33.17 2.57 0.00	36.33 2.72 0.00	30.15 2.44 0.00	24.10 1.91 0.00	21.96 1.79 0.00	20.50 1.73 0.00	20.39 1.70 0.00	19.71 1.68 0.00	19.91 1.73 0.00	21.26 1.79 0.00	23.09 1.92 -0.01	26.77 2.21 -0.01	30.80 2.47 0.00	35.32 3.21 0.00	40.17 3.52 0.00	31.72 2.70 0.00	27.11 2.03 0.00	23.73 1.72 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.73 1.40 0.00	26.01 1.63 0.00	33.01 2.42 0.00	36.38 2.76 -0.02	29.79 2.08 0.00	23.88 1.66 -0.02	22.50 1.55 -0.78	22.28 1.50 -2.01	22.41 1.50 -2.23	22.09 1.46 -2.59	21.87 1.51 -2.18	22.26 1.56 -1.23	22.88 1.71 -0.02	26.50 1.94 -0.02	30.48 2.13 -0.02	34.92 2.79 -0.02	39.78 3.12 -0.02	31.14 2.12 0.00	26.69 1.61 0.00	23.34 1.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.73 1.40 0.00	26.01 1.63 0.00	33.01 2.42 0.00	36.38 2.76 -0.02	29.76 2.05 0.00	23.85 1.64 -0.02	22.50 1.55 -0.78	22.28 1.50 -2.01	22.39 1.48 -2.23	22.09 1.46 -2.59	21.87 1.51 -2.18	22.26 1.56 -1.23	22.88 1.71 -0.02	26.48 1.91 -0.02	30.48 2.13 -0.02	34.92 2.79 -0.02	39.78 3.12 -0.02	31.14 2.12 0.00	26.69 1.61 0.00	23.34 1.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.98 2.39 0.00	36.34 2.72 -0.02	29.76 2.05 0.00	23.83 1.62 -0.02	22.48 1.53 -0.78	22.26 1.48 -2.01	22.39 1.48 -2.23	22.07 1.44 -2.59	21.86 1.49 -2.18	22.24 1.54 -1.23	22.86 1.69 -0.02	26.45 1.89 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.66 1.58 0.00	23.31 1.30 0.00
FARRAGUT___LBMP 323566	23.69 1.43 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.98 1.61 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.73 2.02 0.00	23.81 1.60 -0.02	22.46 1.51 -0.78	22.25 1.46 -2.01	22.38 1.46 -2.23	22.05 1.42 -2.59	21.84 1.47 -2.18	22.22 1.52 -1.23	22.84 1.67 -0.02	26.45 1.89 -0.02	30.42 2.07 -0.02	34.85 2.73 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
FENNER___WINDPWR 24204	22.91 0.65 0.00	20.99 0.59 0.00	20.12 0.59 0.00	19.92 0.56 0.00	20.94 0.61 0.00	25.15 0.78 0.00	31.79 1.19 0.00	35.02 1.41 0.00	28.71 1.00 0.00	22.93 0.73 0.00	20.71 0.54 0.00	19.26 0.49 0.00	19.20 0.50 0.00	18.51 0.47 0.00	18.60 0.42 0.00	19.98 0.51 0.00	21.77 0.61 0.00	25.26 0.71 0.00	29.30 0.96 0.00	33.42 1.32 0.00	38.15 1.50 0.00	30.29 1.28 0.00	26.01 0.93 0.00	22.79 0.77 0.00
FIBERTEK___ENERGY 23856	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
FITZPATRICK____ 23598	21.76 -0.51 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.84 -0.49 0.00	23.81 -0.56 0.00	29.95 -0.64 0.00	32.90 -0.71 0.00	27.05 -0.67 0.00	21.69 -0.51 0.00	19.68 -0.48 0.00	18.30 -0.47 0.00	18.22 -0.47 0.00	17.59 -0.45 0.00	17.67 -0.51 0.00	18.99 -0.49 0.00	20.60 -0.55 0.00	23.91 -0.64 0.00	27.60 -0.74 0.00	31.34 -0.77 0.00	35.81 -0.84 0.00	28.38 -0.64 0.00	24.46 -0.63 0.00	21.51 -0.51 0.00
FLOWRFLD_69_KV_BK1 356044	31.24 1.94 -7.04	24.54 1.75 -2.40	24.62 1.70 -3.38	24.22 1.68 -3.17	23.90 1.85 -1.72	26.68 2.14 -0.16	41.24 2.54 -8.11	36.56 2.82 -0.13	34.97 2.55 -4.71	27.23 2.06 -2.97	30.43 1.92 -8.35	25.50 1.86 -4.87	24.19 1.83 -3.67	22.42 1.80 -2.57	22.28 1.85 -2.24	22.35 1.93 -0.95	25.76 2.07 -2.54	27.01 2.45 -0.01	37.66 2.55 -6.77	44.63 3.21 -9.31	44.25 3.44 -4.16	39.95 2.70 -8.23	29.71 2.13 -2.50	27.25 1.83 -3.41
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.71 1.45 0.00	21.72 1.33 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.71 1.38 0.00	26.03 1.66 0.00	32.98 2.39 0.00	36.13 2.52 0.00	29.54 1.83 0.00	23.57 1.38 0.00	21.43 1.27 0.00	19.95 1.18 0.00	19.91 1.21 0.00	19.23 1.19 0.00	19.44 1.25 0.00	20.76 1.29 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.61 2.50 0.00	39.47 2.82 0.00	31.05 2.03 0.00	26.59 1.50 0.00	23.31 1.30 0.00
FORT ORANGE____ 23900	22.49 0.22 0.00	20.68 0.29 0.00	19.81 0.27 0.00	19.67 0.31 0.00	20.64 0.31 0.00	24.69 0.32 0.00	31.33 0.73 0.00	34.35 0.74 0.00	28.13 0.42 0.00	22.39 0.20 0.00	20.39 0.22 0.00	19.00 0.23 0.00	18.92 0.23 0.00	18.24 0.20 0.00	18.44 0.25 0.00	19.72 0.25 0.00	21.43 0.27 0.00	24.84 0.30 0.00	28.79 0.45 0.00	32.88 0.77 0.00	37.53 0.88 0.00	29.60 0.58 0.00	25.33 0.25 0.00	22.19 0.18 0.00
FORT_DRUM_COGEN 23780	21.71 -0.56 0.00	19.82 -0.57 0.00	19.05 -0.49 0.00	18.86 -0.50 0.00	19.82 -0.51 0.00	23.76 -0.61 0.00	29.02 -0.55 1.02	33.03 -0.57 0.00	26.94 -0.78 0.00	21.49 -0.71 0.00	19.40 -0.77 0.00	18.00 -0.77 0.00	17.94 -0.75 0.00	17.28 -0.76 0.00	17.43 -0.75 0.00	18.73 -0.74 0.00	20.41 -0.74 0.00	23.81 -0.74 0.00	27.71 -0.62 0.00	31.79 -0.32 0.00	36.36 -0.29 0.00	28.90 -0.12 0.00	24.76 -0.33 0.00	21.60 -0.42 0.00
FOX_HILLS___ESR 323835	23.87 1.60 0.00	21.78 1.39 0.00	20.85 1.31 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.96 1.58 0.00	32.98 2.39 0.00	36.24 2.62 -0.02	29.79 2.08 0.00	23.90 1.69 -0.02	22.53 1.57 -0.79	22.32 1.52 -2.03	22.45 1.51 -2.25	22.17 1.52 -2.62	21.95 1.56 -2.21	22.35 1.64 -1.25	22.99 1.82 -0.02	26.65 2.09 -0.02	30.65 2.30 -0.02	34.95 2.83 -0.02	39.85 3.19 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
FPL FAR_ROCK_GT1 24212	24.08 1.80 -0.01	22.02 1.61 -0.01	21.13 1.58 -0.01	20.94 1.57 -0.01	22.05 1.71 -0.01	26.36 1.97 -0.01	33.17 2.57 0.00	36.33 2.72 0.00	30.13 2.41 -0.01	24.11 1.91 -0.01	21.96 1.79 -0.01	20.51 1.73 -0.01	20.40 1.70 -0.01	19.72 1.68 -0.01	19.93 1.73 -0.01	21.27 1.79 -0.01	23.09 1.92 -0.01	26.79 2.23 -0.01	30.80 2.46 0.00	35.29 3.18 0.00	40.17 3.52 0.00	31.72 2.70 -0.01	27.12 2.03 -0.01	23.74 1.72 -0.01



FPL FAR_ROCK_GT2 23815	24.08 1.80 -0.01	22.02 1.61 -0.01	21.13 1.58 -0.01	20.94 1.57 -0.01	22.05 1.71 -0.01	26.36 1.97 -0.01	33.17 2.57 0.00	36.33 2.72 0.00	30.13 2.41 -0.01	24.11 1.91 -0.01	21.96 1.79 -0.01	20.51 1.73 -0.01	20.40 1.70 -0.01	19.72 1.68 -0.01	19.92 1.73 -0.01	21.27 1.79 -0.01	23.09 1.92 -0.01	26.79 2.23 -0.01	30.80 2.46 0.00	35.29 3.18 0.00	40.17 3.52 0.00	31.72 2.70 -0.01	27.12 2.03 -0.01	23.74 1.72 -0.01
FRANKLIN_FALL_HYD 24054	21.42 -0.85 0.00	19.58 -0.82 0.00	18.78 -0.76 0.00	18.60 -0.76 0.00	19.44 -0.89 0.00	23.27 -1.10 0.01	24.46 -1.35 4.79	32.05 -1.55 0.01	26.46 -1.25 0.00	21.24 -0.95 0.00	19.34 -0.83 0.00	17.90 -0.86 0.01	17.81 -0.88 0.01	17.16 -0.87 0.01	17.32 -0.85 0.01	18.53 -0.93 0.01	20.17 -0.97 0.01	23.79 -0.76 0.00	27.49 -0.85 0.00	30.79 -1.32 0.00	35.29 -1.36 0.00	27.91 -1.10 0.00	24.35 -0.73 0.00	21.25 -0.77 0.00
FREEPORT_EQUS_GT1 23764	23.97 1.69 -0.01	21.94 1.53 -0.01	21.03 1.48 -0.01	20.84 1.47 -0.01	21.97 1.63 -0.01	26.27 1.88 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.02 2.30 -0.01	24.04 1.84 -0.01	21.88 1.71 -0.01	20.43 1.65 -0.01	20.34 1.65 -0.01	19.67 1.62 -0.01	19.85 1.65 -0.01	21.19 1.71 -0.01	23.03 1.86 -0.02	26.72 2.16 -0.01	30.66 2.32 0.00	35.12 3.02 0.00	39.95 3.30 0.00	31.52 2.50 -0.01	26.99 1.91 -0.01	23.61 1.59 -0.01
FREEPORT___CT2 23818	23.97 1.69 -0.01	21.94 1.53 -0.01	21.03 1.48 -0.01	20.84 1.47 -0.01	21.97 1.63 -0.01	26.27 1.88 -0.02	32.98 2.39 0.00	36.16 2.55 0.00	30.02 2.30 -0.01	24.04 1.84 -0.01	21.88 1.71 -0.01	20.43 1.65 -0.01	20.34 1.65 -0.01	19.67 1.62 -0.01	19.85 1.65 -0.01	21.19 1.71 -0.01	23.03 1.86 -0.02	26.72 2.16 -0.01	30.66 2.32 0.00	35.12 3.02 0.00	39.95 3.30 0.00	31.52 2.50 -0.01	26.99 1.91 -0.01	23.61 1.59 -0.01
FRESHKLS_33_KV_LOAD 356253	23.91 1.65 0.00	21.82 1.43 0.00	20.87 1.33 0.00	20.64 1.28 0.00	21.77 1.44 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.08 2.45 -0.02	29.68 1.97 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.40 1.46 -2.25	22.10 1.44 -2.62	21.90 1.51 -2.21	22.29 1.58 -1.25	22.94 1.78 -0.02	26.65 2.09 -0.02	30.65 2.30 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.25 2.23 0.00	26.86 1.78 0.00	23.47 1.45 0.00
FULTON COGEN____ 23766	21.91 -0.36 0.00	20.05 -0.35 0.00	19.21 -0.33 0.00	19.03 -0.33 0.00	19.98 -0.35 0.00	24.01 -0.37 0.00	30.26 -0.34 0.00	33.27 -0.34 0.00	27.35 -0.36 0.00	21.88 -0.31 0.00	19.84 -0.32 0.00	18.45 -0.32 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.80 -0.38 0.00	19.16 -0.31 0.00	20.79 -0.36 0.00	24.13 -0.42 0.00	27.88 -0.45 0.00	31.69 -0.42 0.00	36.25 -0.40 0.00	28.73 -0.29 0.00	24.73 -0.35 0.00	21.73 -0.29 0.00
FULTON___LFGE 323630	24.80 2.54 0.00	22.80 2.41 0.00	21.67 2.13 0.00	21.57 2.21 0.00	22.69 2.36 0.00	27.42 3.05 0.00	34.73 4.13 0.00	37.77 4.17 0.00	30.68 2.97 0.00	24.02 1.82 0.00	21.59 1.43 0.00	20.08 1.31 0.00	20.05 1.36 0.00	19.26 1.23 0.00	19.56 1.38 0.00	21.03 1.56 0.00	22.84 1.69 0.00	26.83 2.28 0.00	31.68 3.34 0.00	36.15 4.05 0.00	41.56 4.91 0.00	32.93 3.92 0.00	27.96 2.88 0.00	24.55 2.53 0.00
G.F.CEMENT___DRP 24184	22.91 0.65 0.00	21.05 0.65 0.00	20.08 0.55 0.00	19.96 0.60 0.00	20.96 0.63 0.00	25.18 0.80 0.00	32.00 1.41 0.00	35.02 1.41 0.00	28.65 0.94 0.00	22.68 0.49 0.00	20.55 0.38 0.00	19.15 0.38 0.00	19.08 0.39 0.00	18.36 0.32 0.00	18.56 0.38 0.00	19.92 0.45 0.00	21.62 0.47 0.00	25.16 0.61 0.00	29.33 0.99 0.00	33.52 1.41 0.00	38.33 1.69 0.00	30.24 1.22 0.00	25.78 0.70 0.00	22.59 0.57 0.00
GARDENVILLE___LBMP 24039	22.18 -0.09 0.00	20.21 -0.18 0.00	19.38 -0.16 0.00	19.15 -0.21 0.00	20.03 -0.30 0.00	23.98 -0.39 0.00	29.43 -1.16 0.00	32.36 -1.24 0.00	26.52 -1.19 0.00	21.60 -0.60 0.00	19.88 -0.28 0.00	18.38 -0.39 0.00	18.21 -0.49 0.00	17.62 -0.41 0.00	17.54 -0.64 0.00	18.89 -0.58 0.00	20.24 -0.91 0.00	23.10 -1.45 0.00	26.58 -1.76 0.00	30.15 -1.96 0.00	34.34 -2.31 0.00	27.74 -1.28 0.00	24.15 -0.93 0.00	22.13 0.11 0.00
GARDNVLA_35_KV_LD 355827	22.29 0.02 0.00	20.31 -0.08 0.00	19.50 -0.04 0.00	19.24 -0.12 0.00	20.13 -0.20 0.00	24.13 -0.24 0.00	29.59 -1.01 0.00	32.57 -1.04 0.00	26.69 -1.03 0.00	21.73 -0.47 0.00	20.00 -0.16 0.00	18.51 -0.26 0.00	18.32 -0.37 0.00	17.73 -0.31 0.00	17.65 -0.53 0.00	19.00 -0.47 0.00	20.35 -0.80 0.00	23.22 -1.33 0.00	26.72 -1.62 0.00	30.31 -1.80 0.00	34.52 -2.13 0.00	27.89 -1.13 0.00	24.28 -0.80 0.00	22.24 0.22 0.00
GELCKHM___115KV_LOAD 80723	22.13 -0.13 0.00	20.25 -0.14 0.00	19.38 -0.16 0.00	19.20 -0.15 0.00	20.19 -0.14 0.00	24.23 -0.15 0.00	30.54 -0.06 0.00	33.84 0.24 0.00	27.77 0.06 0.00	22.26 0.07 0.00	20.18 0.02 0.00	18.77 0.00 0.00	18.71 0.02 0.00	18.04 0.00 0.00	18.09 -0.09 0.00	19.49 0.02 0.00	21.13 -0.02 0.00	24.50 -0.05 0.00	28.28 -0.06 0.00	32.17 0.06 0.00	36.76 0.11 0.00	29.13 0.12 0.00	25.11 0.03 0.00	22.10 0.09 0.00
GENERAL___MILLS 23808	22.24 -0.02 0.00	20.27 -0.12 0.00	19.46 -0.08 0.00	19.20 -0.15 0.00	20.09 -0.24 0.00	24.08 -0.29 0.00	29.53 -1.07 0.00	32.50 -1.11 0.00	26.60 -1.11 0.00	21.66 -0.53 0.00	19.94 -0.22 0.00	18.45 -0.32 0.00	18.26 -0.43 0.00	17.68 -0.36 0.00	17.60 -0.58 0.00	18.97 -0.51 0.00	20.31 -0.85 0.00	23.17 -1.37 0.00	26.67 -1.67 0.00	30.24 -1.86 0.00	34.45 -2.20 0.00	27.83 -1.19 0.00	24.23 -0.85 0.00	22.19 0.18 0.00
GE_PLASTICS___DRP 24183	22.53 0.27 0.00	20.70 0.31 0.00	19.83 0.29 0.00	19.67 0.31 0.00	20.66 0.33 0.00	24.72 0.34 0.00	31.30 0.70 0.00	34.38 0.77 0.00	28.18 0.47 0.00	22.48 0.29 0.00	20.45 0.28 0.00	19.07 0.30 0.00	18.97 0.28 0.00	18.31 0.27 0.00	18.49 0.31 0.00	19.78 0.31 0.00	21.49 0.34 0.00	24.92 0.37 0.00	28.82 0.48 0.00	32.88 0.77 0.00	37.49 0.84 0.00	29.63 0.61 0.00	25.38 0.30 0.00	22.24 0.22 0.00
GILBOA___1 23756	22.78 0.51 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.55 0.95 0.00	34.68 1.08 0.00	28.40 0.69 0.00	22.73 0.53 0.00	20.67 0.50 0.00	19.28 0.51 0.00	19.18 0.49 0.00	18.52 0.49 0.00	18.73 0.54 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.16 0.61 0.00	29.05 0.71 0.00	33.13 1.03 0.00	37.79 1.14 0.00	29.89 0.87 0.00	25.63 0.55 0.00	22.48 0.46 0.00
GILBOA___2 23757	22.78 0.51 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.55 0.95 0.00	34.68 1.08 0.00	28.40 0.69 0.00	22.73 0.53 0.00	20.67 0.50 0.00	19.28 0.51 0.00	19.18 0.49 0.00	18.52 0.49 0.00	18.73 0.54 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.16 0.61 0.00	29.05 0.71 0.00	33.13 1.03 0.00	37.79 1.14 0.00	29.89 0.87 0.00	25.63 0.55 0.00	22.48 0.46 0.00



GILBOA___3 23758	22.78 0.51 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.55 0.95 0.00	34.68 1.08 0.00	28.40 0.69 0.00	22.73 0.53 0.00	20.67 0.50 0.00	19.28 0.51 0.00	19.18 0.49 0.00	18.52 0.49 0.00	18.73 0.54 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.16 0.61 0.00	29.05 0.71 0.00	33.13 1.03 0.00	37.79 1.14 0.00	29.89 0.87 0.00	25.63 0.55 0.00	22.48 0.46 0.00
GILBOA___4 23759	22.78 0.51 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.55 0.95 0.00	34.68 1.08 0.00	28.40 0.69 0.00	22.73 0.53 0.00	20.67 0.50 0.00	19.28 0.51 0.00	19.18 0.49 0.00	18.52 0.49 0.00	18.73 0.54 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.16 0.61 0.00	29.05 0.71 0.00	33.13 1.03 0.00	37.79 1.14 0.00	29.89 0.87 0.00	25.63 0.55 0.00	22.48 0.46 0.00
GILBOA___ 23599	22.78 0.51 0.00	20.86 0.47 0.00	20.01 0.47 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.55 0.95 0.00	34.68 1.08 0.00	28.43 0.72 0.00	22.73 0.53 0.00	20.67 0.50 0.00	19.28 0.51 0.00	19.18 0.49 0.00	18.52 0.49 0.00	18.73 0.55 0.00	19.98 0.51 0.00	21.72 0.57 0.00	25.19 0.64 0.00	29.05 0.71 0.00	33.13 1.03 0.00	37.79 1.14 0.00	29.89 0.87 0.00	25.63 0.55 0.00	22.48 0.46 0.00
GINNA___ 23603	20.95 -1.31 0.00	19.11 -1.28 0.00	18.29 -1.25 0.00	18.08 -1.28 0.00	18.95 -1.38 0.00	22.86 -1.51 0.00	28.39 -2.20 0.00	31.42 -2.18 0.00	25.94 -1.77 0.00	20.86 -1.33 0.00	19.01 -1.15 0.00	17.63 -1.15 0.00	17.53 -1.16 0.00	16.90 -1.14 0.00	16.87 -1.31 0.00	18.19 -1.29 0.00	19.61 -1.54 0.00	22.61 -1.94 0.00	26.10 -2.24 0.00	29.57 -2.54 0.00	33.75 -2.90 0.00	26.90 -2.12 0.00	23.28 -1.81 0.00	20.94 -1.08 0.00
GLEN PARK___ 23778	21.82 -0.45 0.00	19.96 -0.43 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.94 -0.39 0.00	23.91 -0.46 0.00	29.26 -0.37 0.97	33.20 -0.40 0.00	27.05 -0.67 0.00	21.55 -0.64 0.00	19.44 -0.73 0.00	18.04 -0.73 0.00	17.96 -0.73 0.00	17.31 -0.72 0.00	17.45 -0.73 0.00	18.77 -0.70 0.00	20.47 -0.68 0.00	23.91 -0.64 0.00	27.86 -0.48 0.00	32.01 -0.10 0.00	36.61 -0.04 0.00	29.13 0.12 0.00	24.91 -0.17 0.00	21.75 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	23.85 1.58 0.00	21.78 1.39 0.00	20.85 1.31 0.00	20.66 1.30 0.00	21.77 1.44 0.00	26.03 1.66 0.00	33.07 2.48 0.00	36.45 2.82 -0.02	29.90 2.19 0.00	23.96 1.75 -0.02	22.61 1.65 -0.79	22.40 1.60 -2.03	22.51 1.57 -2.25	22.20 1.55 -2.62	21.99 1.60 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.62 2.27 -0.02	35.04 2.92 -0.02	39.93 3.26 -0.02	31.22 2.21 0.00	26.79 1.71 0.00	23.42 1.41 0.00
GLENWOOD_IC_1_G5 23712	23.84 1.56 -0.01	21.81 1.41 -0.01	20.91 1.37 0.00	20.73 1.36 -0.01	21.83 1.48 -0.01	26.12 1.73 -0.02	32.92 2.33 0.00	36.19 2.59 0.00	29.87 2.16 0.00	23.90 1.71 0.00	21.78 1.61 0.00	20.33 1.56 0.00	20.24 1.55 0.00	19.55 1.52 0.00	19.75 1.56 0.00	21.09 1.62 0.00	22.92 1.76 -0.02	26.55 1.99 -0.01	30.52 2.18 0.00	34.96 2.86 0.00	39.80 3.15 0.00	31.34 2.32 0.00	26.81 1.73 0.00	23.47 1.45 0.00
GLENWOOD_IC_2_G1 23688	23.71 1.43 -0.01	21.69 1.29 -0.01	20.80 1.25 -0.01	20.61 1.24 -0.01	21.71 1.36 -0.01	25.97 1.58 -0.01	32.80 2.20 0.00	36.06 2.45 0.00	29.69 1.97 -0.01	23.80 1.60 -0.01	21.66 1.49 -0.01	20.22 1.45 -0.01	20.14 1.44 -0.01	19.45 1.41 -0.01	19.65 1.46 -0.01	20.98 1.50 -0.01	22.79 1.63 -0.01	26.40 1.84 -0.01	30.35 2.01 0.00	34.77 2.66 0.00	39.58 2.93 0.00	31.14 2.12 -0.01	26.70 1.61 -0.01	23.34 1.32 -0.01
GLENWOOD_IC_3_G1 23689	23.71 1.43 -0.01	21.69 1.29 -0.01	20.80 1.25 -0.01	20.61 1.24 -0.01	21.71 1.36 -0.01	25.97 1.58 -0.01	32.80 2.20 0.00	36.06 2.45 0.00	29.69 1.97 -0.01	23.80 1.60 -0.01	21.66 1.49 -0.01	20.22 1.45 -0.01	20.14 1.44 -0.01	19.45 1.41 -0.01	19.65 1.46 -0.01	20.98 1.50 -0.01	22.79 1.63 -0.01	26.40 1.84 -0.01	30.35 2.01 0.00	34.77 2.66 0.00	39.58 2.93 0.00	31.14 2.12 -0.01	26.70 1.61 -0.01	23.34 1.32 -0.01
GLENWOOD___4 23550	23.84 1.56 -0.01	21.81 1.41 -0.01	20.91 1.37 0.00	20.73 1.36 -0.01	21.83 1.48 -0.01	26.12 1.73 -0.02	32.92 2.33 0.00	36.19 2.59 0.00	29.87 2.16 0.00	23.90 1.71 0.00	21.78 1.61 0.00	20.33 1.56 0.00	20.24 1.55 0.00	19.55 1.52 0.00	19.75 1.56 0.00	21.09 1.62 0.00	22.92 1.76 -0.02	26.55 1.99 -0.01	30.52 2.18 0.00	34.96 2.86 0.00	39.80 3.15 0.00	31.34 2.32 0.00	26.81 1.73 0.00	23.47 1.45 0.00
GLENWOOD___5 23614	23.84 1.56 -0.01	21.81 1.41 -0.01	20.91 1.37 0.00	20.73 1.36 -0.01	21.83 1.48 -0.01	26.12 1.73 -0.02	32.92 2.33 0.00	36.19 2.59 0.00	29.87 2.16 0.00	23.90 1.71 0.00	21.78 1.61 0.00	20.33 1.56 0.00	20.24 1.55 0.00	19.55 1.52 0.00	19.75 1.56 0.00	21.09 1.62 0.00	22.92 1.76 -0.02	26.55 1.99 -0.01	30.52 2.18 0.00	34.96 2.86 0.00	39.80 3.15 0.00	31.34 2.32 0.00	26.81 1.73 0.00	23.47 1.45 0.00
GLOBAL GREEN_PORT_GT1 23814	30.88 2.49 -6.12	24.76 2.28 -2.09	24.69 2.21 -2.95	24.33 2.21 -2.76	24.21 2.38 -1.50	27.32 2.80 -0.14	41.05 3.40 -7.06	37.48 3.76 -0.11	35.00 3.19 -4.11	27.32 2.53 -2.59	29.82 2.38 -7.28	25.29 2.27 -4.25	24.13 2.24 -3.20	22.47 2.18 -2.25	22.36 2.22 -1.96	22.60 2.30 -0.83	25.81 2.45 -2.21	27.46 2.90 -0.01	37.46 3.23 -5.89	44.32 4.11 -8.10	44.77 4.51 -3.62	39.67 3.48 -7.17	30.00 2.73 -2.18	27.39 2.40 -2.98
GLOBE___DSASP 323697	21.35 -0.91 0.00	19.48 -0.92 0.00	18.70 -0.84 0.00	18.47 -0.89 0.00	19.29 -1.04 0.00	23.08 -1.29 0.00	28.21 -2.39 0.00	30.82 -2.79 0.00	25.36 -2.36 0.00	20.71 -1.49 0.00	19.07 -1.09 0.00	17.66 -1.11 0.00	17.51 -1.18 0.00	16.94 -1.10 0.00	16.87 -1.31 0.00	18.17 -1.30 0.00	19.44 -1.71 0.00	22.17 -2.38 0.00	25.42 -2.92 0.00	28.86 -3.24 0.00	32.84 -3.81 0.00	26.52 -2.50 0.00	23.15 -1.93 0.00	21.38 -0.64 0.00
GOETHSLN___LBMP 323567	23.62 1.36 0.00	21.62 1.22 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.65 1.32 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.24 2.62 -0.02	29.65 1.94 0.00	23.76 1.55 -0.02	22.40 1.45 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.19 1.48 -1.23	22.77 1.61 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.79 2.66 -0.02	39.60 2.93 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.23 1.21 0.00
GOLAH___69_KV_TB 1_2 80279	22.13 -0.13 0.00	20.15 -0.24 0.00	19.28 -0.25 0.00	19.07 -0.29 0.00	19.96 -0.37 0.00	24.06 -0.32 0.00	29.71 -0.89 0.00	32.80 -0.81 0.00	26.88 -0.83 0.00	21.77 -0.42 0.00	19.90 -0.26 0.00	18.41 -0.36 0.00	18.30 -0.39 0.00	17.66 -0.38 0.00	17.62 -0.56 0.00	18.99 -0.49 0.00	20.41 -0.74 0.00	23.42 -1.13 0.00	27.01 -1.33 0.00	30.76 -1.35 0.00	35.11 -1.54 0.00	28.15 -0.87 0.00	24.38 -0.70 0.00	22.10 0.09 0.00



GOODYEAR_LAKE_HYD 323669	23.40 1.14 0.00	21.41 1.02 0.00	20.53 1.00 0.00	20.35 0.99 0.00	21.39 1.06 0.00	25.69 1.32 0.00	32.40 1.81 0.00	35.69 2.08 0.00	29.18 1.47 0.00	23.33 1.13 0.00	21.11 0.95 0.00	19.67 0.90 0.00	19.59 0.90 0.00	18.90 0.87 0.00	19.18 1.00 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.70 1.15 0.00	29.75 1.42 0.00	33.97 1.86 0.00	38.74 2.09 0.00	30.82 1.80 0.00	26.41 1.33 0.00	23.18 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.07 0.80 0.00	21.09 0.69 0.00	20.18 0.64 0.00	20.00 0.64 0.00	20.98 0.65 0.00	25.18 0.80 0.00	31.48 0.89 0.00	34.85 1.24 0.00	28.46 0.75 0.00	22.91 0.71 0.00	20.81 0.65 0.00	19.33 0.56 0.00	19.23 0.54 0.00	18.56 0.52 0.00	18.93 0.75 0.00	20.00 0.53 0.00	21.64 0.49 0.00	24.96 0.42 0.00	28.88 0.54 0.00	32.81 0.71 0.00	37.46 0.81 0.00	29.92 0.90 0.00	25.78 0.70 0.00	22.85 0.84 0.00
GOUDEY___7 23579	23.07 0.80 0.00	21.11 0.71 0.00	20.20 0.66 0.00	20.00 0.64 0.00	21.00 0.67 0.00	25.20 0.83 0.00	31.51 0.92 0.00	34.88 1.28 0.00	28.49 0.78 0.00	22.93 0.73 0.00	20.83 0.67 0.00	19.35 0.58 0.00	19.25 0.56 0.00	18.58 0.54 0.00	18.94 0.76 0.00	20.02 0.55 0.00	21.66 0.51 0.00	24.99 0.44 0.00	28.90 0.57 0.00	32.84 0.74 0.00	37.49 0.84 0.00	29.95 0.93 0.00	25.81 0.73 0.00	22.87 0.86 0.00
GOUDEY___8 23580	23.07 0.80 0.00	21.09 0.69 0.00	20.18 0.64 0.00	20.00 0.64 0.00	20.98 0.65 0.00	25.18 0.80 0.00	31.48 0.89 0.00	34.85 1.24 0.00	28.46 0.75 0.00	22.91 0.71 0.00	20.81 0.65 0.00	19.33 0.56 0.00	19.23 0.54 0.00	18.56 0.52 0.00	18.93 0.75 0.00	20.00 0.53 0.00	21.64 0.49 0.00	24.96 0.42 0.00	28.88 0.54 0.00	32.81 0.71 0.00	37.46 0.81 0.00	29.92 0.90 0.00	25.78 0.70 0.00	22.85 0.84 0.00
GOWANUS_GT1_1 24077	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_2 24078	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_3 24079	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_4 24080	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_5 24084	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_6 24111	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_7 24112	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT1_8 24113	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT2_1 24114	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_2 24115	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_3 24116	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00



GOWANUS_GT2_4 24117	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_5 24118	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_6 24119	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_7 24120	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT2_8 24121	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_1 24122	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_2 24123	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_3 24124	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_4 24125	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_5 24126	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_6 24127	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_7 24128	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT3_8 24129	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
GOWANUS_GT4_1 24130	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_2 24131	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00



GOWANUS_GT4_3 24132	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_4 24133	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_5 24134	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_6 24135	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_7 24136	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GOWANUS_GT4_8 24137	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GREENBSH_115KV_TB3 55895	22.36 0.09 0.00	20.60 0.20 0.00	19.73 0.20 0.00	19.57 0.21 0.00	20.53 0.20 0.00	24.57 0.19 0.00	31.15 0.55 0.00	34.21 0.60 0.00	28.04 0.33 0.00	22.35 0.16 0.00	20.36 0.20 0.00	19.00 0.23 0.00	18.90 0.21 0.00	18.22 0.18 0.00	18.42 0.24 0.00	19.69 0.21 0.00	21.38 0.23 0.00	24.79 0.25 0.00	28.71 0.37 0.00	32.75 0.64 0.00	37.35 0.70 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
GREENIDGE_115KV_TB5 80291	22.62 0.36 0.00	20.66 0.27 0.00	19.75 0.21 0.00	19.55 0.19 0.00	20.51 0.18 0.00	24.72 0.34 0.00	30.99 0.40 0.00	34.08 0.47 0.00	27.99 0.28 0.00	22.51 0.31 0.00	20.40 0.24 0.00	18.92 0.15 0.00	18.80 0.11 0.00	18.15 0.11 0.00	18.05 -0.13 0.00	19.57 0.10 0.00	21.17 0.02 0.00	24.47 -0.07 0.00	28.31 -0.03 0.00	32.01 -0.10 0.00	36.58 -0.07 0.00	29.37 0.35 0.00	25.31 0.23 0.00	22.59 0.57 0.00
GREENIDGE___3 23582	22.62 0.36 0.00	20.66 0.27 0.00	19.75 0.21 0.00	19.55 0.19 0.00	20.51 0.18 0.00	24.72 0.34 0.00	30.99 0.40 0.00	34.08 0.47 0.00	27.99 0.28 0.00	22.51 0.31 0.00	20.40 0.24 0.00	18.92 0.15 0.00	18.80 0.11 0.00	18.15 0.11 0.00	18.05 -0.13 0.00	19.57 0.10 0.00	21.17 0.02 0.00	24.47 -0.07 0.00	28.31 -0.03 0.00	32.01 -0.10 0.00	36.58 -0.07 0.00	29.37 0.35 0.00	25.31 0.23 0.00	22.59 0.57 0.00
GREENIDGE___4 23583	22.62 0.36 0.00	20.66 0.26 0.00	19.75 0.22 0.00	19.55 0.19 0.00	20.51 0.18 0.00	24.74 0.37 0.00	30.99 0.40 0.00	34.08 0.47 0.00	28.10 0.39 0.00	22.51 0.31 0.00	20.41 0.24 0.00	18.92 0.15 0.00	18.80 0.11 0.00	18.15 0.11 0.00	18.05 -0.13 0.00	19.57 0.10 0.00	21.17 0.02 0.00	24.50 -0.05 0.00	28.39 0.06 0.00	32.24 0.13 0.00	36.58 -0.07 0.00	29.37 0.35 0.00	25.31 0.23 0.00	22.59 0.57 0.00
GREENLWN_69_KV_BK 3 55738	23.21 1.74 0.79	21.74 1.61 0.26	20.71 1.56 0.39	20.56 1.55 0.35	21.83 1.69 0.18	26.33 1.95 0.00	31.66 1.99 0.93	35.68 2.08 0.01	29.42 2.24 0.54	23.79 1.93 0.34	20.98 1.77 0.96	19.96 1.75 0.56	20.01 1.74 0.42	19.46 1.71 0.29	19.70 1.76 0.25	21.15 1.79 0.11	22.83 1.95 0.27	26.57 2.01 -0.01	29.57 2.01 0.78	33.58 2.54 1.07	38.85 2.68 0.48	30.19 2.12 0.94	26.63 1.83 0.29	23.28 1.65 0.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00
GRISSOM___SOLAR 323813	24.80 2.54 0.00	22.80 2.41 0.00	21.67 2.13 0.00	21.57 2.21 0.00	22.69 2.36 0.00	27.42 3.05 0.00	34.73 4.13 0.00	37.77 4.17 0.00	30.68 2.97 0.00	24.02 1.82 0.00	21.59 1.43 0.00	20.08 1.31 0.00	20.05 1.36 0.00	19.26 1.23 0.00	19.56 1.38 0.00	21.03 1.56 0.00	22.84 1.69 0.00	26.83 2.28 0.00	31.68 3.34 0.00	36.15 4.05 0.00	41.56 4.91 0.00	32.93 3.92 0.00	27.96 2.88 0.00	24.55 2.53 0.00
GROVEVILLE___HYD 323602	23.71 1.45 0.00	21.72 1.33 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.71 1.38 0.00	26.03 1.66 0.00	32.98 2.39 0.00	36.13 2.52 0.00	29.54 1.83 0.00	23.57 1.38 0.00	21.43 1.27 0.00	19.95 1.18 0.00	19.91 1.21 0.00	19.23 1.19 0.00	19.44 1.25 0.00	20.76 1.29 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.61 2.50 0.00	39.47 2.82 0.00	31.05 2.03 0.00	26.59 1.50 0.00	23.31 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00



HAMLTNNY_34_KV_TB 80303	22.18 -0.09 0.00	20.29 -0.10 0.00	19.44 -0.10 0.00	19.24 -0.12 0.00	20.21 -0.12 0.00	24.30 -0.07 0.00	30.63 0.03 0.00	34.51 0.91 0.00	28.29 0.58 0.00	22.73 0.53 0.00	20.57 0.40 0.00	19.09 0.32 0.00	19.03 0.34 0.00	18.34 0.31 0.00	18.34 0.16 0.00	19.80 0.33 0.00	21.45 0.30 0.00	24.84 0.29 0.00	28.68 0.34 0.00	32.62 0.51 0.00	37.31 0.66 0.00	29.66 0.64 0.00	25.53 0.45 0.00	22.57 0.55 0.00
HAMPSHIRE___PAPER_HYD 323593	21.26 -1.00 0.00	19.46 -0.94 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.40 -0.93 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.06 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.17 -1.16 0.00	30.82 -1.29 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
HARDSCRABBLE_WT_PWR 323673	22.53 0.27 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.53 0.17 0.00	20.49 0.16 0.00	24.57 0.19 0.00	31.12 0.27 -0.25	33.87 0.27 0.00	27.85 0.14 0.00	22.31 0.11 0.00	20.22 0.06 0.00	18.79 0.02 0.00	18.65 -0.04 0.00	17.97 -0.07 0.00	18.09 -0.09 0.00	19.34 -0.14 0.00	21.00 -0.15 0.00	24.40 -0.15 0.00	28.22 -0.11 0.00	32.17 0.06 0.00	36.72 0.07 0.00	29.19 0.18 0.00	25.18 0.10 0.00	22.08 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.49 1.22 0.00	21.49 1.10 0.00	20.59 1.06 0.00	20.42 1.06 0.00	21.51 1.18 0.00	25.74 1.36 0.00	32.59 1.99 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.44 1.24 0.00	21.33 1.17 0.00	19.88 1.11 0.00	19.81 1.12 0.00	19.14 1.10 0.00	19.34 1.16 0.00	20.66 1.19 0.00	22.48 1.33 0.00	26.02 1.47 0.00	29.95 1.62 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.82 1.80 0.00	26.39 1.30 0.00	23.12 1.10 0.00
HARSNRAD_115KV_TB1 81005	21.84 -0.42 0.00	19.90 -0.49 0.00	19.11 -0.43 0.00	18.86 -0.50 0.00	19.72 -0.61 0.00	23.64 -0.73 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.05 -1.66 0.00	21.24 -0.95 0.00	19.54 -0.63 0.00	18.10 -0.68 0.00	17.92 -0.77 0.00	17.33 -0.70 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.90 -1.25 0.00	22.73 -1.82 0.00	26.10 -2.24 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
HARZA MOOSE___RIVER 24016	22.38 0.11 0.00	20.45 0.06 0.00	19.64 0.10 0.00	19.44 0.08 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.24 0.21 0.57	33.91 0.30 0.00	27.77 0.06 0.00	22.17 -0.02 0.00	20.02 -0.14 0.00	18.64 -0.13 0.00	18.56 -0.13 0.00	17.89 -0.14 0.00	18.03 -0.15 0.00	19.34 -0.14 0.00	21.15 0.00 0.00	24.62 0.07 0.00	28.56 0.23 0.00	32.65 0.55 0.00	37.24 0.59 0.00	29.60 0.58 0.00	25.41 0.33 0.00	22.24 0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.20 -0.07 0.00	20.33 -0.06 0.00	19.46 -0.08 0.00	19.28 -0.08 0.00	20.25 -0.08 0.00	24.33 -0.05 0.00	30.63 0.03 0.00	33.81 0.20 0.00	27.74 0.03 0.00	22.24 0.04 0.00	20.16 0.00 0.00	18.75 -0.02 0.00	18.69 0.00 0.00	18.02 -0.02 0.00	18.05 -0.13 0.00	19.47 0.00 0.00	21.13 -0.02 0.00	24.47 -0.07 0.00	28.28 -0.06 0.00	32.14 0.03 0.00	36.72 0.07 0.00	29.10 0.09 0.00	25.06 -0.03 0.00	22.06 0.04 0.00
HELLGATE_13_KV_LD 55870	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.30 1.50 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.74 1.47 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.28 2.65 -0.02	29.73 2.02 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.30 1.50 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.90 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
HEMPSTEAD____ 23647	23.79 1.51 -0.01	21.77 1.37 -0.01	20.89 1.35 -0.01	20.71 1.33 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.02	32.80 2.20 0.00	35.99 2.39 0.00	29.80 2.08 -0.01	23.89 1.69 -0.01	21.74 1.57 -0.01	20.30 1.52 -0.01	20.21 1.51 -0.01	19.55 1.50 -0.01	19.72 1.53 -0.01	21.06 1.58 -0.01	22.86 1.69 -0.02	26.52 1.96 -0.01	30.43 2.10 0.00	34.87 2.76 0.00	39.65 3.01 0.00	31.26 2.23 -0.01	26.77 1.68 -0.01	23.43 1.41 -0.01
HEWLETT_69_KV_BK3 55828	23.97 1.69 -0.01	21.96 1.55 -0.01	21.04 1.50 0.00	20.84 1.47 -0.01	21.97 1.63 -0.01	26.27 1.88 -0.01	33.01 2.42 0.00	36.19 2.59 0.00	30.04 2.33 0.00	24.02 1.82 0.00	21.88 1.71 0.00	20.42 1.65 0.00	20.32 1.63 0.00	19.64 1.61 0.00	19.84 1.65 0.00	21.19 1.71 0.00	23.01 1.84 -0.01	26.67 2.11 -0.01	30.69 2.35 0.00	35.12 3.02 0.00	39.98 3.34 0.00	31.54 2.52 0.00	27.01 1.93 0.00	23.62 1.61 0.00
HICKLING___1 23621	22.98 0.71 0.00	20.96 0.57 0.00	20.05 0.51 0.00	19.84 0.48 0.00	20.80 0.47 0.00	25.03 0.66 0.00	31.27 0.67 0.00	34.48 0.87 0.00	28.15 0.44 0.00	22.68 0.49 0.00	20.59 0.42 0.00	19.07 0.30 0.00	18.95 0.26 0.00	18.29 0.25 0.00	18.16 -0.02 0.00	19.71 0.23 0.00	21.28 0.13 0.00	24.55 0.00 0.00	28.39 0.06 0.00	32.23 0.13 0.00	36.87 0.22 0.00	29.51 0.49 0.00	25.48 0.40 0.00	22.79 0.77 0.00
HICKLING___2 23622	22.98 0.71 0.00	20.96 0.57 0.00	20.05 0.51 0.00	19.84 0.48 0.00	20.80 0.47 0.00	25.03 0.66 0.00	31.27 0.67 0.00	34.48 0.87 0.00	28.15 0.44 0.00	22.68 0.49 0.00	20.59 0.42 0.00	19.07 0.30 0.00	18.95 0.26 0.00	18.29 0.25 0.00	18.16 -0.02 0.00	19.71 0.23 0.00	21.28 0.13 0.00	24.55 0.00 0.00	28.39 0.06 0.00	32.23 0.13 0.00	36.87 0.22 0.00	29.51 0.49 0.00	25.48 0.40 0.00	22.79 0.77 0.00
HIGH FALLS___HY 23754	23.71 1.45 0.00	21.66 1.26 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.69 1.36 0.00	26.01 1.63 0.00	32.89 2.29 0.00	36.03 2.42 0.00	29.43 1.72 0.00	23.53 1.33 0.00	21.35 1.19 0.00	19.90 1.13 0.00	19.83 1.14 0.00	19.16 1.12 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.57 1.42 0.00	26.14 1.60 0.00	30.07 1.73 0.00	34.51 2.41 0.00	39.32 2.68 0.00	30.99 1.97 0.00	26.59 1.50 0.00	23.31 1.30 0.00
HILLBURN___GT 23639	23.49 1.22 0.00	21.49 1.10 0.00	20.59 1.05 0.00	20.42 1.06 0.00	21.49 1.16 0.00	25.74 1.36 0.00	32.56 1.96 0.00	35.89 2.29 0.00	29.32 1.61 0.00	23.50 1.31 0.00	21.39 1.23 0.00	19.95 1.18 0.00	19.89 1.20 0.00	19.21 1.17 0.00	19.40 1.22 0.00	20.72 1.25 0.00	22.55 1.40 0.00	26.07 1.52 0.00	29.98 1.64 0.00	34.35 2.25 0.00	39.14 2.49 0.00	30.85 1.83 0.00	26.41 1.33 0.00	23.14 1.12 0.00



HILLSIDE_115KV_TB1 80332	22.73 0.47 0.00	20.76 0.37 0.00	19.87 0.33 0.00	19.67 0.31 0.00	20.64 0.30 0.00	24.79 0.41 0.00	30.96 0.37 0.00	34.18 0.57 0.00	27.93 0.22 0.00	22.48 0.29 0.00	20.45 0.28 0.00	18.96 0.19 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.05 -0.13 0.00	19.59 0.12 0.00	21.19 0.04 0.00	24.42 -0.12 0.00	28.25 -0.09 0.00	32.07 -0.03 0.00	36.65 0.00 0.00	29.31 0.29 0.00	25.31 0.23 0.00	22.57 0.55 0.00
HISHELDN_WT_PWR 323625	22.18 -0.09 0.00	20.19 -0.20 0.00	19.36 -0.18 0.00	19.11 -0.25 0.00	19.98 -0.35 0.00	23.98 -0.39 0.00	29.50 -1.10 0.00	32.43 -1.18 0.00	26.71 -1.00 0.00	21.53 -0.67 0.00	19.76 -0.40 0.00	18.27 -0.51 0.00	18.09 -0.60 0.00	17.50 -0.54 0.00	17.40 -0.78 0.00	18.79 -0.68 0.00	20.18 -0.97 0.00	23.17 -1.37 0.00	26.78 -1.56 0.00	30.24 -1.86 0.00	34.45 -2.20 0.00	27.77 -1.25 0.00	24.15 -0.93 0.00	22.04 0.02 0.00
HOLTSVILLE_IC_1 23690	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.61 2.35 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.23 1.96 -2.19	26.68 1.67 -2.99
HOLTSVILLE_IC_10 23699	30.03 1.87 -5.89	24.09 1.69 -2.01	24.03 1.66 -2.84	23.66 1.64 -2.66	23.56 1.79 -1.44	26.61 2.10 -0.14	39.92 2.54 -6.79	36.57 2.85 -0.11	34.16 2.50 -3.95	26.71 2.02 -2.49	29.06 1.89 -7.00	24.68 1.82 -4.09	23.58 1.81 -3.08	21.97 1.77 -2.17	21.88 1.82 -1.89	22.16 1.89 -0.80	25.31 2.03 -2.13	26.94 2.38 -0.01	36.50 2.49 -5.67	43.11 3.21 -7.80	43.61 3.48 -3.48	38.59 2.67 -6.90	29.26 2.08 -2.10	26.66 1.78 -2.86
HOLTSVILLE_IC_2 23691	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.61 2.35 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.23 1.96 -2.19	26.68 1.67 -2.99
HOLTSVILLE_IC_3 23692	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.61 2.35 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.23 1.96 -2.19	26.68 1.67 -2.99
HOLTSVILLE_IC_4 23693	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.61 2.35 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.23 1.96 -2.19	26.68 1.67 -2.99
HOLTSVILLE_IC_5 23694	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.61 2.35 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.23 1.96 -2.19	26.68 1.67 -2.99
HOLTSVILLE_IC_6 23695	30.03 1.87 -5.89	24.09 1.69 -2.01	24.03 1.66 -2.84	23.66 1.64 -2.66	23.56 1.79 -1.44	26.61 2.10 -0.14	39.92 2.54 -6.79	36.57 2.85 -0.11	34.16 2.50 -3.95	26.71 2.02 -2.49	29.06 1.89 -7.00	24.68 1.82 -4.09	23.58 1.81 -3.08	21.97 1.77 -2.17	21.88 1.82 -1.89	22.16 1.89 -0.80	25.31 2.03 -2.13	26.94 2.38 -0.01	36.50 2.49 -5.67	43.11 3.21 -7.80	43.61 3.48 -3.48	38.59 2.67 -6.90	29.26 2.08 -2.10	26.66 1.78 -2.86
HOLTSVILLE_IC_7 23696	30.03 1.87 -5.89	24.09 1.69 -2.01	24.03 1.66 -2.84	23.66 1.64 -2.66	23.56 1.79 -1.44	26.61 2.10 -0.14	39.92 2.54 -6.79	36.57 2.85 -0.11	34.16 2.50 -3.95	26.71 2.02 -2.49	29.06 1.89 -7.00	24.68 1.82 -4.09	23.58 1.81 -3.08	21.97 1.77 -2.17	21.88 1.82 -1.89	22.16 1.89 -0.80	25.31 2.03 -2.13	26.94 2.38 -0.01	36.50 2.49 -5.67	43.11 3.21 -7.80	43.61 3.48 -3.48	38.59 2.67 -6.90	29.26 2.08 -2.10	26.66 1.78 -2.86
HOLTSVILLE_IC_8 23697	30.03 1.87 -5.89	24.09 1.69 -2.01	24.03 1.66 -2.84	23.66 1.64 -2.66	23.56 1.79 -1.44	26.61 2.10 -0.14	39.92 2.54 -6.79	36.57 2.85 -0.11	34.16 2.50 -3.95	26.71 2.02 -2.49	29.06 1.89 -7.00	24.68 1.82 -4.09	23.58 1.81 -3.08	21.97 1.77 -2.17	21.88 1.82 -1.89	22.16 1.89 -0.80	25.31 2.03 -2.13	26.94 2.38 -0.01	36.50 2.49 -5.67	43.11 3.21 -7.80	43.61 3.48 -3.48	38.59 2.67 -6.90	29.26 2.08 -2.10	26.66 1.78 -2.86
HOLTSVILLE_IC_9 23698	30.03 1.87 -5.89	24.09 1.69 -2.01	24.03 1.66 -2.84	23.66 1.64 -2.66	23.56 1.79 -1.44	26.61 2.10 -0.14	39.92 2.54 -6.79	36.57 2.85 -0.11	34.16 2.50 -3.95	26.71 2.02 -2.49	29.06 1.89 -7.00	24.68 1.82 -4.09	23.58 1.81 -3.08	21.97 1.77 -2.17	21.88 1.82 -1.89	22.16 1.89 -0.80	25.31 2.03 -2.13	26.94 2.38 -0.01	36.50 2.49 -5.67	43.11 3.21 -7.80	43.61 3.48 -3.48	38.59 2.67 -6.90	29.26 2.08 -2.10	26.66 1.78 -2.86
HOMER_HL_115KV_TB2 355744	22.69 0.42 0.00	20.68 0.29 0.00	19.83 0.29 0.00	19.59 0.23 0.00	20.51 0.18 0.00	24.59 0.22 0.00	30.14 -0.46 0.00	33.51 -0.10 0.00	27.30 -0.42 0.00	22.20 0.00 0.00	20.40 0.24 0.00	18.87 0.09 0.00	18.67 -0.02 0.00	18.07 0.04 0.00	17.98 -0.20 0.00	19.37 -0.10 0.00	20.79 -0.36 0.00	23.71 -0.83 0.00	27.40 -0.94 0.00	30.95 -1.16 0.00	35.33 -1.32 0.00	28.67 -0.35 0.00	24.86 -0.23 0.00	22.54 0.53 0.00
HOWARD_WT_PWR 323690	22.93 0.67 0.00	20.84 0.45 0.00	19.93 0.39 0.00	19.67 0.31 0.00	20.59 0.26 0.00	24.81 0.44 0.00	30.87 0.27 0.00	33.98 0.37 0.00	27.82 0.11 0.00	22.31 0.11 0.00	20.31 0.14 0.00	18.75 -0.02 0.00	18.58 -0.11 0.00	17.91 -0.13 0.00	17.76 -0.42 0.00	19.12 -0.35 0.00	20.58 -0.57 0.00	23.76 -0.79 0.00	27.60 -0.74 0.00	31.34 -0.77 0.00	35.73 -0.91 0.00	28.64 -0.38 0.00	24.81 -0.28 0.00	22.43 0.42 0.00
HQ_GEN_CEDARS 23644	21.71 -0.56 0.00	19.88 -0.51 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.80 -0.53 0.00	23.71 -0.66 0.01	24.74 -0.98 4.88	32.49 -1.11 0.01	26.96 -0.75 0.00	21.60 -0.60 0.00	19.62 -0.54 0.00	18.22 -0.54 0.01	18.16 -0.52 0.01	17.52 -0.51 0.01	17.68 -0.49 0.01	18.92 -0.55 0.01	20.55 -0.59 0.01	24.01 -0.54 0.00	27.71 -0.62 0.00	31.05 -1.06 0.00	35.51 -1.14 0.00	28.12 -0.90 0.00	24.55 -0.53 0.00	21.49 -0.53 0.00



HQ_GEN_CEDARS_PROXY 323590	21.71 -0.56 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.80 -0.53 0.00	23.71 -0.66 0.01	24.74 -0.98 4.88	32.49 -1.11 0.01	26.94 -0.78 0.00	21.60 -0.60 0.00	19.62 -0.54 0.00	18.22 -0.54 0.01	18.16 -0.52 0.01	17.52 -0.50 0.01	17.68 -0.49 0.01	18.92 -0.55 0.01	20.55 -0.59 0.01	24.01 -0.54 0.00	27.69 -0.65 0.00	31.05 -1.06 0.00	35.51 -1.14 0.00	28.12 -0.90 0.00	24.55 -0.53 0.00	21.49 -0.53 0.00
HQ_GEN_IMPORT 323601	22.02 -0.24 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.15 -0.21 0.00	20.09 -0.24 0.00	24.49 -0.29 -0.41	28.36 -0.58 1.65	31.93 -0.67 1.00	28.35 -0.36 -1.00	21.93 -0.27 0.00	19.94 -0.22 0.00	18.55 -0.22 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.96 -0.22 0.00	19.24 -0.23 0.00	20.90 -0.25 0.00	24.30 -0.25 0.00	28.35 -0.28 -0.30	31.20 -0.61 0.30	35.99 -0.66 0.00	28.36 -0.52 0.14	24.99 -0.23 -0.14	21.80 -0.22 0.00
HQ_GEN_WHEEL 23651	22.02 -0.24 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.15 -0.21 0.00	20.09 -0.24 0.00	24.49 -0.29 -0.41	28.36 -0.58 1.65	31.93 -0.67 1.00	28.35 -0.36 -1.00	21.93 -0.27 0.00	19.94 -0.22 0.00	18.55 -0.22 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.96 -0.22 0.00	19.24 -0.23 0.00	20.90 -0.25 0.00	24.30 -0.25 0.00	28.35 -0.28 -0.30	31.20 -0.61 0.30	35.99 -0.66 0.00	28.36 -0.52 0.14	24.99 -0.23 -0.14	21.80 -0.22 0.00
HUDSON_AVE_GT_3 23810	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.98 2.39 0.00	36.34 2.72 -0.02	29.76 2.05 0.00	23.85 1.64 -0.02	22.48 1.53 -0.78	22.26 1.48 -2.01	22.39 1.48 -2.23	22.07 1.44 -2.59	21.86 1.49 -2.18	22.24 1.54 -1.23	22.86 1.69 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.31 1.30 0.00
HUDSON_AVE_GT_4 23540	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.98 2.39 0.00	36.34 2.72 -0.02	29.76 2.05 0.00	23.85 1.64 -0.02	22.48 1.53 -0.78	22.26 1.48 -2.01	22.39 1.48 -2.23	22.07 1.44 -2.59	21.86 1.49 -2.18	22.24 1.54 -1.23	22.86 1.69 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.31 1.30 0.00
HUDSON_AVE_GT_5 23657	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.98 2.39 0.00	36.34 2.72 -0.02	29.76 2.05 0.00	23.85 1.64 -0.02	22.48 1.53 -0.78	22.26 1.48 -2.01	22.39 1.48 -2.23	22.07 1.44 -2.59	21.86 1.49 -2.18	22.24 1.54 -1.23	22.86 1.69 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.31 1.30 0.00
HUDSON_AVE_10 24168	23.65 1.38 0.00	21.62 1.22 0.00	20.71 1.17 0.00	20.50 1.14 0.00	21.65 1.32 0.00	25.91 1.54 0.00	32.89 2.29 0.00	36.21 2.59 -0.02	29.68 1.97 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.19 1.48 -1.23	22.80 1.63 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.79 2.66 -0.02	39.63 2.97 -0.02	31.05 2.03 0.00	26.61 1.53 0.00	23.25 1.23 0.00
HUDSON___115KV_TB 4 355613	22.76 0.49 0.00	20.92 0.53 0.00	20.03 0.49 0.00	19.88 0.52 0.00	20.88 0.55 0.00	25.01 0.63 0.00	31.73 1.13 0.00	34.68 1.08 0.00	28.35 0.64 0.00	22.48 0.29 0.00	20.40 0.24 0.00	19.00 0.23 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.45 0.27 0.00	19.76 0.29 0.00	21.49 0.34 0.00	24.99 0.44 0.00	29.02 0.68 0.00	33.17 1.06 0.00	37.86 1.21 0.00	29.89 0.87 0.00	25.56 0.48 0.00	22.41 0.40 0.00
HUNTER MOUNT___DRP 323613	22.78 0.51 0.00	20.96 0.57 0.00	20.07 0.53 0.00	19.92 0.56 0.00	20.92 0.59 0.00	25.06 0.68 0.00	31.82 1.22 0.00	34.68 1.08 0.00	28.32 0.61 0.00	22.40 0.20 0.00	20.32 0.16 0.00	18.88 0.11 0.00	18.82 0.13 0.00	18.13 0.09 0.00	18.34 0.16 0.00	19.67 0.19 0.00	21.41 0.25 0.00	24.92 0.37 0.00	28.96 0.62 0.00	33.13 1.03 0.00	37.82 1.17 0.00	29.86 0.84 0.00	25.56 0.48 0.00	22.43 0.42 0.00
HUNTINGTON_RES_REC 323705	35.08 1.85 -10.96	25.82 1.69 -3.73	26.46 1.64 -5.28	25.92 1.63 -4.94	24.77 1.77 -2.67	26.68 2.07 -0.24	45.47 2.23 -12.64	36.23 2.42 -0.20	37.42 2.35 -7.35	23.10 2.00 1.09	18.94 1.85 3.08	28.18 1.80 -7.61	26.19 1.78 -5.73	23.83 1.77 -4.02	23.50 1.82 -3.50	22.83 1.87 -1.49	27.12 2.03 -3.94	26.79 2.23 -0.01	41.16 2.27 -10.55	49.52 2.89 -14.52	46.25 3.11 -6.48	44.30 2.44 -12.85	30.96 1.98 -3.90	29.10 1.76 -5.32
HUNTLEY___63 23557	21.95 -0.31 0.00	20.03 -0.37 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.84 -0.49 0.00	23.77 -0.61 0.00	29.13 -1.47 0.00	31.96 -1.65 0.00	26.24 -1.47 0.00	21.37 -0.82 0.00	19.70 -0.46 0.00	18.21 -0.56 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.38 -0.80 0.00	18.71 -0.76 0.00	20.03 -1.12 0.00	22.85 -1.69 0.00	26.27 -2.07 0.00	29.79 -2.31 0.00	33.94 -2.71 0.00	27.42 -1.60 0.00	23.88 -1.20 0.00	21.95 -0.07 0.00
HUNTLEY___64 23558	21.95 -0.31 0.00	20.03 -0.37 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.84 -0.49 0.00	23.77 -0.61 0.00	29.13 -1.47 0.00	31.96 -1.65 0.00	26.24 -1.47 0.00	21.37 -0.82 0.00	19.70 -0.46 0.00	18.21 -0.56 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.38 -0.80 0.00	18.71 -0.76 0.00	20.03 -1.12 0.00	22.85 -1.69 0.00	26.27 -2.07 0.00	29.79 -2.31 0.00	33.94 -2.71 0.00	27.42 -1.60 0.00	23.88 -1.20 0.00	21.95 -0.07 0.00
HUNTLEY___65 23559	21.95 -0.31 0.00	20.03 -0.37 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.84 -0.49 0.00	23.77 -0.61 0.00	29.13 -1.47 0.00	31.96 -1.65 0.00	26.24 -1.47 0.00	21.37 -0.82 0.00	19.70 -0.46 0.00	18.21 -0.56 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.38 -0.80 0.00	18.71 -0.76 0.00	20.03 -1.12 0.00	22.85 -1.69 0.00	26.27 -2.07 0.00	29.79 -2.31 0.00	33.94 -2.71 0.00	27.42 -1.60 0.00	23.88 -1.20 0.00	21.95 -0.07 0.00
HUNTLEY___66 23560	21.95 -0.31 0.00	20.03 -0.37 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.84 -0.49 0.00	23.77 -0.61 0.00	29.13 -1.47 0.00	31.96 -1.65 0.00	26.24 -1.47 0.00	21.37 -0.82 0.00	19.70 -0.46 0.00	18.21 -0.56 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.38 -0.80 0.00	18.71 -0.76 0.00	20.03 -1.12 0.00	22.85 -1.69 0.00	26.27 -2.07 0.00	29.79 -2.31 0.00	33.94 -2.71 0.00	27.42 -1.60 0.00	23.88 -1.20 0.00	21.95 -0.07 0.00
HUNTLEY___67 23561	21.93 -0.33 0.00	20.01 -0.39 0.00	19.19 -0.35 0.00	18.95 -0.41 0.00	19.82 -0.51 0.00	23.74 -0.63 0.00	29.07 -1.53 0.00	31.89 -1.71 0.00	26.19 -1.52 0.00	21.33 -0.87 0.00	19.64 -0.52 0.00	18.19 -0.58 0.00	18.02 -0.67 0.00	17.42 -0.61 0.00	17.36 -0.82 0.00	18.69 -0.78 0.00	20.01 -1.14 0.00	22.85 -1.69 0.00	26.24 -2.10 0.00	29.76 -2.34 0.00	33.90 -2.75 0.00	27.36 -1.65 0.00	23.85 -1.23 0.00	21.93 -0.09 0.00



HUNTLEY___68 23562	21.93 -0.33 0.00	20.01 -0.39 0.00	19.19 -0.35 0.00	18.95 -0.41 0.00	19.82 -0.51 0.00	23.74 -0.63 0.00	29.07 -1.53 0.00	31.89 -1.71 0.00	26.19 -1.52 0.00	21.33 -0.87 0.00	19.64 -0.52 0.00	18.19 -0.58 0.00	18.02 -0.67 0.00	17.42 -0.61 0.00	17.36 -0.82 0.00	18.69 -0.78 0.00	20.01 -1.14 0.00	22.85 -1.69 0.00	26.24 -2.10 0.00	29.76 -2.34 0.00	33.90 -2.75 0.00	27.36 -1.65 0.00	23.85 -1.23 0.00	21.93 -0.09 0.00
HYLAND___LFGE 323620	24.05 1.78 0.00	21.82 1.43 0.00	20.85 1.31 0.00	20.58 1.22 0.00	21.57 1.24 0.00	26.30 1.93 0.00	32.74 2.14 0.00	35.96 2.35 0.00	28.71 1.00 0.00	22.66 0.47 0.00	20.45 0.28 0.00	18.88 0.11 0.00	18.69 0.00 0.00	17.98 -0.05 0.00	17.91 -0.27 0.00	19.12 -0.35 0.00	20.64 -0.51 0.00	24.03 -0.52 0.00	28.11 -0.23 0.00	32.17 0.06 0.00	36.91 0.26 0.00	29.48 0.46 0.00	25.43 0.35 0.00	22.87 0.86 0.00
INDECK___CORINTH 23802	22.78 0.51 0.00	20.92 0.53 0.00	19.97 0.43 0.00	19.84 0.48 0.00	20.84 0.51 0.00	25.03 0.66 0.00	31.82 1.23 0.00	34.82 1.21 0.00	28.49 0.77 0.00	22.57 0.38 0.00	20.45 0.28 0.00	19.05 0.28 0.00	18.99 0.30 0.00	18.27 0.23 0.00	18.47 0.29 0.00	19.82 0.35 0.00	21.51 0.36 0.00	25.04 0.49 0.00	29.19 0.85 0.00	33.33 1.22 0.00	38.12 1.47 0.00	30.06 1.04 0.00	25.63 0.55 0.00	22.46 0.44 0.00
INDECK___ILION 23567	22.49 0.22 0.00	20.58 0.18 0.00	19.71 0.18 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.18 0.34 -0.25	33.94 0.34 0.00	27.91 0.19 0.00	22.35 0.16 0.00	20.28 0.12 0.00	18.88 0.11 0.00	18.78 0.09 0.00	18.11 0.07 0.00	18.25 0.07 0.00	19.53 0.06 0.00	21.24 0.08 0.00	24.62 0.07 0.00	28.48 0.14 0.00	32.43 0.32 0.00	36.98 0.33 0.00	29.34 0.32 0.00	25.26 0.18 0.00	22.17 0.15 0.00
INDECK___OLEAN 23982	22.69 0.42 0.00	20.68 0.29 0.00	19.83 0.29 0.00	19.59 0.23 0.00	20.51 0.18 0.00	24.62 0.24 0.00	30.14 -0.46 0.00	33.51 -0.10 0.00	27.43 -0.28 0.00	22.20 0.00 0.00	20.41 0.24 0.00	18.87 0.09 0.00	18.67 -0.02 0.00	18.07 0.04 0.00	17.98 -0.20 0.00	19.38 -0.10 0.00	20.79 -0.36 0.00	23.76 -0.79 0.00	27.49 -0.85 0.00	30.98 -1.12 0.00	35.33 -1.32 0.00	28.67 -0.35 0.00	24.86 -0.23 0.00	22.54 0.53 0.00
INDECK___OSWEGO 23783	21.84 -0.42 0.00	20.01 -0.39 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.94 -0.39 0.00	23.94 -0.44 0.00	30.00 -0.46 0.14	33.10 -0.50 0.00	27.18 -0.53 0.00	21.77 -0.42 0.00	19.74 -0.42 0.00	18.38 -0.40 0.00	18.30 -0.39 0.00	17.64 -0.40 0.00	17.73 -0.45 0.00	19.04 -0.43 0.00	20.69 -0.47 0.00	24.01 -0.54 0.00	27.74 -0.60 0.00	31.53 -0.58 0.00	36.03 -0.62 0.00	28.55 -0.47 0.00	24.60 -0.48 0.00	21.62 -0.40 0.00
INDECK___YERKES 23781	21.98 -0.29 0.00	20.05 -0.35 0.00	19.25 -0.29 0.00	18.99 -0.37 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.16 -1.44 0.00	31.99 -1.61 0.00	26.46 -1.25 0.00	21.40 -0.80 0.00	19.72 -0.44 0.00	18.23 -0.54 0.00	18.06 -0.64 0.00	17.48 -0.56 0.00	17.40 -0.78 0.00	18.73 -0.74 0.00	20.03 -1.12 0.00	22.95 -1.60 0.00	26.50 -1.84 0.00	29.83 -2.28 0.00	33.98 -2.67 0.00	27.45 -1.57 0.00	23.90 -1.18 0.00	21.97 -0.04 0.00
INDIAN POINT_GT_1 24139	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.81 1.44 0.00	32.68 2.08 0.00	35.99 2.39 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.82 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.55 2.44 0.00	39.40 2.75 0.00	30.93 1.92 0.00	26.49 1.40 0.00	23.16 1.14 0.00
INDIAN POINT_GT_2 23659	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.81 1.44 0.00	32.68 2.08 0.00	35.99 2.39 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.82 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.55 2.44 0.00	39.40 2.75 0.00	30.93 1.92 0.00	26.49 1.40 0.00	23.16 1.14 0.00
INDIAN POINT_GT_3 24019	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.81 1.44 0.00	32.68 2.08 0.00	35.99 2.39 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.82 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.55 2.44 0.00	39.40 2.75 0.00	30.93 1.92 0.00	26.49 1.40 0.00	23.16 1.14 0.00
INDIAN POINT___2 23530	23.56 1.29 0.00	21.53 1.14 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.57 1.24 0.00	25.84 1.46 0.00	32.74 2.14 0.00	36.06 2.45 0.00	29.49 1.78 0.00	23.64 1.44 0.00	21.51 1.35 0.00	20.08 1.31 0.00	20.00 1.31 0.00	19.32 1.28 0.00	19.51 1.33 0.00	20.83 1.36 0.00	22.65 1.50 0.00	26.22 1.67 0.00	30.15 1.82 0.00	34.58 2.47 0.00	39.43 2.78 0.00	30.96 1.94 0.00	26.51 1.43 0.00	23.18 1.17 0.00
INDIAN POINT___3 23531	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.40 1.05 0.00	21.47 1.14 0.00	25.71 1.34 0.00	32.55 1.96 0.00	35.86 2.25 0.00	29.35 1.63 0.00	23.50 1.31 0.00	21.39 1.23 0.00	19.97 1.20 0.00	19.89 1.20 0.00	19.21 1.17 0.00	19.40 1.22 0.00	20.72 1.25 0.00	22.53 1.37 0.00	26.07 1.52 0.00	30.01 1.67 0.00	34.39 2.28 0.00	39.18 2.53 0.00	30.82 1.80 0.00	26.39 1.30 0.00	23.09 1.08 0.00
INGHAM_C_115KV_TB7 356103	22.53 0.27 0.00	20.60 0.20 0.00	19.73 0.20 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.12 0.28 -0.25	33.88 0.27 0.00	27.85 0.14 0.00	22.31 0.11 0.00	20.22 0.06 0.00	18.81 0.04 0.00	18.67 -0.02 0.00	17.98 -0.05 0.00	18.13 -0.05 0.00	19.39 -0.08 0.00	21.07 -0.08 0.00	24.45 -0.10 0.00	28.31 -0.03 0.00	32.27 0.16 0.00	36.80 0.15 0.00	29.25 0.23 0.00	25.21 0.13 0.00	22.13 0.11 0.00
IP CORINTH___1 23988	22.78 0.51 0.00	20.92 0.53 0.00	19.97 0.43 0.00	19.84 0.48 0.00	20.84 0.51 0.00	25.03 0.66 0.00	31.82 1.22 0.00	34.82 1.21 0.00	28.51 0.80 0.00	22.57 0.38 0.00	20.45 0.28 0.00	19.05 0.28 0.00	18.99 0.30 0.00	18.27 0.23 0.00	18.47 0.29 0.00	19.82 0.35 0.00	21.51 0.36 0.00	25.04 0.49 0.00	29.19 0.85 0.00	33.33 1.22 0.00	38.11 1.47 0.00	30.06 1.04 0.00	25.63 0.55 0.00	22.46 0.44 0.00
IP___TICONDEROGA 23804	23.42 1.16 0.00	21.54 1.14 0.00	20.48 0.94 0.00	20.37 1.01 0.00	21.39 1.06 0.00	25.76 1.39 0.00	32.86 2.26 0.00	35.86 2.25 0.00	29.21 1.50 0.00	22.97 0.78 0.00	20.73 0.56 0.00	19.32 0.54 0.00	19.29 0.60 0.00	18.49 0.45 0.00	18.71 0.53 0.00	20.13 0.66 0.00	21.81 0.66 0.00	25.48 0.93 0.00	29.87 1.53 0.00	34.16 2.05 0.00	39.18 2.53 0.00	30.87 1.86 0.00	26.24 1.15 0.00	23.01 0.99 0.00



ISLIP_RES_REC 323679	29.45 1.96 -5.22	23.95 1.77 -1.78	23.79 1.74 -2.51	23.44 1.72 -2.36	23.48 1.87 -1.28	26.72 2.22 -0.12	39.27 2.66 -6.01	36.73 3.03 -0.10	33.82 2.60 -3.50	26.51 2.11 -2.21	28.34 1.98 -6.20	24.29 1.90 -3.62	23.29 1.87 -2.73	21.80 1.84 -1.92	21.74 1.89 -1.67	22.15 1.97 -0.71	25.15 2.11 -1.89	27.06 2.51 -0.01	35.99 2.64 -5.02	42.38 3.37 -6.91	43.40 3.66 -3.08	37.95 2.81 -6.11	29.12 2.18 -1.86	26.42 1.87 -2.54
JAMAICA__27_KV_LOAD 355505	23.69 1.43 0.00	21.66 1.26 0.00	20.73 1.19 0.00	20.52 1.16 0.00	21.65 1.32 0.00	25.96 1.58 0.00	32.95 2.36 0.00	36.21 2.59 -0.02	29.76 2.05 0.00	23.81 1.60 -0.02	22.44 1.49 -0.78	22.23 1.45 -2.01	22.36 1.44 -2.23	22.03 1.41 -2.59	21.82 1.45 -2.18	22.22 1.52 -1.23	22.86 1.69 -0.02	26.48 1.91 -0.02	30.48 2.13 -0.02	34.82 2.70 -0.02	39.74 3.08 -0.02	31.16 2.15 0.00	26.71 1.63 0.00	23.31 1.30 0.00
JANIS__SOLAR 323808	23.38 1.11 0.00	21.39 1.00 0.00	20.48 0.94 0.00	20.27 0.91 0.00	21.29 0.96 0.00	25.59 1.22 0.00	32.28 1.68 0.00	35.59 1.98 0.00	28.90 1.19 0.00	22.99 0.80 0.00	20.67 0.50 0.00	19.20 0.43 0.00	19.14 0.45 0.00	18.43 0.40 0.00	18.38 0.20 0.00	20.00 0.53 0.00	21.81 0.66 0.00	25.41 0.86 0.00	29.56 1.22 0.00	33.84 1.73 0.00	38.59 1.94 0.00	30.79 1.77 0.00	26.43 1.35 0.00	23.27 1.25 0.00
JARVIS____ 23743	22.36 0.09 0.00	20.48 0.08 0.00	19.62 0.08 0.00	19.44 0.08 0.00	20.43 0.10 0.00	24.47 0.10 0.00	31.06 0.22 -0.25	33.84 0.24 0.00	27.85 0.14 0.00	22.28 0.09 0.00	20.24 0.08 0.00	18.85 0.08 0.00	18.77 0.08 0.00	18.11 0.07 0.00	18.25 0.07 0.00	19.55 0.08 0.00	21.24 0.08 0.00	24.65 0.10 0.00	28.45 0.11 0.00	32.36 0.26 0.00	36.94 0.29 0.00	29.25 0.23 0.00	25.18 0.10 0.00	22.10 0.09 0.00
JENNISON__1 23625	23.65 1.38 0.00	21.60 1.20 0.00	20.73 1.19 0.00	20.52 1.16 0.00	21.55 1.22 0.00	25.86 1.49 0.00	32.62 2.02 0.00	35.99 2.39 0.00	29.32 1.61 0.00	23.46 1.27 0.00	21.13 0.97 0.00	19.65 0.88 0.00	19.59 0.90 0.00	18.87 0.83 0.00	19.14 0.96 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.70 1.15 0.00	29.81 1.47 0.00	34.16 2.05 0.00	38.88 2.24 0.00	31.08 2.06 0.00	26.64 1.56 0.00	23.45 1.43 0.00
JENNISON__2 23626	23.65 1.38 0.00	21.60 1.20 0.00	20.73 1.19 0.00	20.52 1.16 0.00	21.55 1.22 0.00	25.86 1.49 0.00	32.62 2.02 0.00	35.99 2.39 0.00	29.32 1.61 0.00	23.46 1.27 0.00	21.13 0.97 0.00	19.65 0.88 0.00	19.59 0.90 0.00	18.87 0.83 0.00	19.14 0.96 0.00	20.39 0.92 0.00	22.17 1.02 0.00	25.70 1.15 0.00	29.81 1.47 0.00	34.16 2.05 0.00	38.88 2.24 0.00	31.08 2.06 0.00	26.64 1.56 0.00	23.45 1.43 0.00
JERICHO_RISE_WT_PWR 323719	21.37 -0.89 0.00	19.54 -0.86 0.00	18.72 -0.82 0.00	18.53 -0.83 0.00	19.40 -0.93 0.00	23.17 -1.19 0.01	24.02 -1.56 5.02	31.78 -1.82 0.01	26.27 -1.44 0.00	21.13 -1.06 0.00	19.26 -0.91 0.00	17.86 -0.90 0.01	17.75 -0.93 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.07 -1.08 0.01	23.69 -0.86 0.00	27.37 -0.96 0.00	30.69 -1.41 0.00	35.11 -1.54 0.00	27.80 -1.22 0.00	24.30 -0.78 0.00	21.22 -0.79 0.00
KATONAH__115KV_46KV_TB4 355592	23.56 1.29 0.00	21.58 1.18 0.00	20.67 1.13 0.00	20.48 1.12 0.00	21.57 1.24 0.00	25.89 1.51 0.00	32.80 2.20 0.00	36.06 2.45 0.00	29.54 1.83 0.00	23.59 1.40 0.00	21.51 1.35 0.00	20.07 1.30 0.00	19.98 1.29 0.00	19.34 1.30 0.00	19.53 1.35 0.00	20.85 1.38 0.00	22.67 1.52 0.00	26.22 1.67 0.00	30.18 1.84 0.00	34.64 2.54 0.00	39.54 2.90 0.00	31.05 2.03 0.00	26.54 1.45 0.00	23.20 1.19 0.00
KCE_NY_1 323755	23.00 0.73 0.00	21.13 0.73 0.00	20.18 0.64 0.00	20.06 0.70 0.00	21.06 0.73 0.00	25.25 0.88 0.00	32.03 1.44 0.00	35.08 1.48 0.00	28.71 1.00 0.00	22.84 0.64 0.00	20.71 0.54 0.00	19.30 0.52 0.00	19.21 0.52 0.00	18.52 0.49 0.00	18.69 0.51 0.00	20.06 0.58 0.00	21.77 0.61 0.00	25.31 0.76 0.00	29.41 1.08 0.00	33.58 1.48 0.00	38.37 1.72 0.00	30.29 1.28 0.00	25.88 0.80 0.00	22.70 0.68 0.00
KCE_NY_6_ESR 323823	22.27 0.00 0.00	20.29 -0.10 0.00	19.46 -0.08 0.00	19.22 -0.13 0.00	20.11 -0.22 0.00	24.13 -0.24 0.00	29.56 -1.04 0.00	32.53 -1.08 0.00	26.85 -0.86 0.00	21.69 -0.51 0.00	19.96 -0.20 0.00	18.47 -0.30 0.00	18.28 -0.41 0.00	17.69 -0.34 0.00	17.62 -0.56 0.00	18.97 -0.51 0.00	20.33 -0.83 0.00	23.27 -1.28 0.00	26.86 -1.47 0.00	30.28 -1.83 0.00	34.49 -2.16 0.00	27.86 -1.16 0.00	24.23 -0.85 0.00	22.21 0.20 0.00
KEDC_PORT_JEFF_GT2 24210	30.73 1.89 -6.57	24.35 1.71 -2.24	24.36 1.66 -3.16	23.97 1.64 -2.96	23.75 1.81 -1.61	26.65 2.12 -0.15	40.68 2.51 -7.57	36.55 2.82 -0.12	34.58 2.47 -4.41	26.99 2.02 -2.78	29.87 1.89 -7.81	25.15 1.82 -4.56	23.94 1.81 -3.43	22.24 1.79 -2.41	22.10 1.82 -2.10	22.26 1.89 -0.89	25.55 2.03 -2.37	26.94 2.38 -0.01	37.07 2.41 -6.32	43.92 3.11 -8.70	43.90 3.37 -3.88	39.38 2.67 -7.70	29.50 2.08 -2.34	26.99 1.78 -3.19
KEDC_PORT_JEFF_GT3 24211	30.73 1.89 -6.57	24.35 1.71 -2.24	24.36 1.66 -3.16	23.97 1.64 -2.96	23.75 1.81 -1.61	26.65 2.12 -0.15	40.68 2.51 -7.57	36.55 2.82 -0.12	34.58 2.47 -4.41	26.99 2.02 -2.78	29.87 1.89 -7.81	25.15 1.82 -4.56	23.94 1.81 -3.43	22.24 1.79 -2.41	22.10 1.82 -2.10	22.26 1.89 -0.89	25.55 2.03 -2.37	26.94 2.38 -0.01	37.07 2.41 -6.32	43.92 3.11 -8.70	43.90 3.37 -3.88	39.38 2.67 -7.70	29.50 2.08 -2.34	26.99 1.78 -3.19
KEDC_GLWD_GT4 24219	23.84 1.56 -0.01	21.81 1.41 -0.01	20.91 1.37 -0.01	20.73 1.35 -0.01	21.83 1.48 -0.01	26.12 1.73 -0.02	32.92 2.32 0.00	36.19 2.59 0.00	29.85 2.13 -0.01	23.91 1.71 -0.01	21.78 1.61 -0.01	20.34 1.56 -0.01	20.25 1.55 -0.01	19.56 1.52 -0.01	19.76 1.56 -0.01	21.10 1.62 -0.01	22.92 1.75 -0.02	26.55 1.99 -0.01	30.49 2.15 0.00	34.96 2.86 0.00	39.80 3.15 0.00	31.35 2.32 -0.01	26.82 1.73 -0.01	23.48 1.45 -0.01
KEDC_GLWD_GT5 24220	23.84 1.56 -0.01	21.81 1.41 -0.01	20.91 1.37 -0.01	20.73 1.35 -0.01	21.83 1.48 -0.01	26.12 1.73 -0.02	32.92 2.32 0.00	36.19 2.59 0.00	29.85 2.13 -0.01	23.91 1.71 -0.01	21.78 1.61 -0.01	20.34 1.56 -0.01	20.25 1.55 -0.01	19.56 1.52 -0.01	19.76 1.56 -0.01	21.10 1.62 -0.01	22.92 1.75 -0.02	26.55 1.99 -0.01	30.49 2.15 0.00	34.96 2.86 0.00	39.80 3.15 0.00	31.35 2.32 -0.01	26.82 1.73 -0.01	23.48 1.45 -0.01
KENSICO____ 23655	23.54 1.27 0.00	21.56 1.16 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.55 1.22 0.00	25.81 1.44 0.00	32.71 2.11 0.00	36.03 2.42 0.00	29.51 1.80 0.00	23.62 1.42 0.00	21.51 1.35 0.00	20.09 1.31 0.00	19.98 1.29 0.00	19.32 1.28 0.00	19.51 1.33 0.00	20.84 1.36 0.00	22.65 1.50 0.00	26.24 1.69 0.00	30.18 1.84 0.00	34.58 2.47 0.00	39.40 2.75 0.00	30.96 1.94 0.00	26.51 1.43 0.00	23.18 1.17 0.00



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.67 1.40 0.00	21.64 1.24 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.65 1.32 0.00	25.96 1.58 0.00	32.86 2.26 0.00	35.96 2.35 0.00	29.37 1.66 0.00	23.44 1.24 0.00	21.27 1.11 0.00	19.80 1.03 0.00	19.74 1.05 0.00	19.08 1.05 0.00	19.31 1.13 0.00	20.62 1.15 0.00	22.48 1.33 0.00	26.07 1.52 0.00	29.98 1.64 0.00	34.42 2.31 0.00	39.25 2.60 0.00	30.93 1.92 0.00	26.54 1.45 0.00	23.27 1.25 0.00
KIAC_JFK_GT1 23816	23.56 1.29 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.42 1.06 0.00	21.55 1.22 0.00	25.84 1.46 0.00	32.77 2.17 0.00	35.91 2.29 -0.02	29.62 1.91 0.00	23.70 1.49 -0.02	22.34 1.39 -0.78	22.13 1.35 -2.01	22.24 1.33 -2.23	21.94 1.32 -2.59	21.73 1.36 -2.18	22.11 1.40 -1.23	22.75 1.59 -0.02	26.35 1.79 -0.02	30.31 1.96 -0.02	34.53 2.41 -0.02	39.38 2.71 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.20 1.19 0.00
KIAC_JFK_GT2 23817	23.56 1.29 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.42 1.06 0.00	21.55 1.22 0.00	25.84 1.46 0.00	32.77 2.17 0.00	35.91 2.29 -0.02	29.62 1.91 0.00	23.70 1.49 -0.02	22.34 1.39 -0.78	22.13 1.35 -2.01	22.24 1.33 -2.23	21.94 1.32 -2.59	21.73 1.36 -2.18	22.11 1.40 -1.23	22.75 1.59 -0.02	26.35 1.79 -0.02	30.31 1.96 -0.02	34.53 2.41 -0.02	39.38 2.71 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.20 1.19 0.00
KIAC_JFK____ 323774	23.56 1.29 0.00	21.51 1.12 0.00	20.63 1.09 0.00	20.42 1.06 0.00	21.55 1.22 0.00	25.84 1.46 0.00	32.77 2.17 0.00	35.91 2.29 -0.02	29.60 1.89 0.00	23.70 1.49 -0.02	22.34 1.39 -0.78	22.13 1.35 -2.01	22.24 1.33 -2.23	21.94 1.32 -2.59	21.73 1.36 -2.18	22.11 1.40 -1.23	22.75 1.59 -0.02	26.33 1.77 -0.02	30.28 1.93 -0.02	34.50 2.38 -0.02	39.38 2.71 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.20 1.19 0.00
KINTIGH____ 23543	21.75 -0.51 0.00	19.84 -0.55 0.00	19.03 -0.51 0.00	18.80 -0.56 0.00	19.68 -0.65 0.00	23.59 -0.78 0.00	28.97 -1.62 0.00	31.79 -1.81 0.00	26.13 -1.58 0.00	21.26 -0.93 0.00	19.54 -0.63 0.00	18.10 -0.68 0.00	17.96 -0.73 0.00	17.35 -0.69 0.00	17.31 -0.87 0.00	18.65 -0.82 0.00	19.99 -1.16 0.00	22.88 -1.67 0.00	26.27 -2.07 0.00	29.83 -2.28 0.00	33.97 -2.68 0.00	27.33 -1.68 0.00	23.80 -1.28 0.00	21.77 -0.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.49 -0.78 0.00	19.60 -0.80 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.42 -0.91 0.00	23.20 -1.17 0.01	24.16 -1.35 5.09	32.02 -1.58 0.01	26.35 -1.36 0.00	21.22 -0.98 0.00	19.38 -0.79 0.00	17.90 -0.86 0.01	17.77 -0.92 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.13 -1.02 0.01	23.91 -0.64 0.00	27.63 -0.71 0.00	30.98 -1.12 0.00	35.51 -1.14 0.00	28.09 -0.93 0.00	24.50 -0.58 0.00	21.38 -0.64 0.00
LACHUTE____HYDRO 323717	23.42 1.16 0.00	21.53 1.14 0.00	20.48 0.94 0.00	20.37 1.01 0.00	21.39 1.06 0.00	25.76 1.39 0.00	32.86 2.26 0.00	35.86 2.25 0.00	29.21 1.50 0.00	22.97 0.78 0.00	20.73 0.56 0.00	19.32 0.54 0.00	19.29 0.60 0.00	18.49 0.45 0.00	18.71 0.53 0.00	20.13 0.66 0.00	21.81 0.66 0.00	25.48 0.93 0.00	29.87 1.53 0.00	34.16 2.06 0.00	39.18 2.53 0.00	30.88 1.86 0.00	26.24 1.15 0.00	23.01 0.99 0.00
LAWRNCAY_115KV_TB1 80681	21.18 -1.09 0.00	19.39 -1.00 0.00	18.60 -0.94 0.00	18.43 -0.93 0.00	19.29 -1.04 0.00	23.12 -1.24 0.01	24.65 -1.65 4.30	31.75 -1.85 0.01	26.30 -1.41 0.00	21.04 -1.15 0.00	19.11 -1.05 0.00	17.73 -1.03 0.01	17.68 -1.01 0.01	17.06 -0.97 0.01	17.23 -0.95 0.01	18.41 -1.05 0.01	20.04 -1.10 0.01	23.44 -1.10 0.00	27.09 -1.25 0.00	30.37 -1.73 0.00	34.78 -1.87 0.00	27.54 -1.48 0.00	24.00 -1.08 0.00	20.96 -1.06 0.00
LEDERLE____ 23769	23.54 1.27 0.00	21.56 1.16 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.55 1.22 0.00	25.81 1.44 0.00	32.65 2.05 0.00	35.96 2.35 0.00	29.40 1.69 0.00	23.57 1.38 0.00	21.45 1.29 0.00	20.01 1.24 0.00	19.92 1.23 0.00	19.25 1.21 0.00	19.45 1.27 0.00	20.78 1.30 0.00	22.59 1.44 0.00	26.14 1.60 0.00	30.07 1.73 0.00	34.45 2.34 0.00	39.25 2.60 0.00	30.93 1.92 0.00	26.46 1.38 0.00	23.18 1.17 0.00
LIGHTHSE_115KV_TB6 355974	21.93 -0.33 0.00	20.05 -0.35 0.00	19.23 -0.31 0.00	19.05 -0.31 0.00	20.00 -0.33 0.00	24.03 -0.34 0.00	29.88 -0.34 0.38	33.27 -0.34 0.00	27.27 -0.44 0.00	21.84 -0.36 0.00	19.76 -0.40 0.00	18.38 -0.39 0.00	18.30 -0.39 0.00	17.64 -0.40 0.00	17.73 -0.45 0.00	19.08 -0.39 0.00	20.71 -0.44 0.00	24.06 -0.49 0.00	27.86 -0.48 0.00	31.79 -0.32 0.00	36.39 -0.26 0.00	28.87 -0.15 0.00	24.81 -0.28 0.00	21.75 -0.26 0.00
LINDEN COGEN____ 23786	23.62 1.36 0.00	21.58 1.18 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.63 1.30 0.00	25.91 1.54 0.00	32.86 2.26 0.00	36.25 2.62 -0.02	29.62 1.91 0.00	23.74 1.53 -0.02	22.40 1.45 -0.78	22.19 1.41 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.17 1.46 -1.23	22.77 1.61 -0.02	26.35 1.79 -0.02	30.31 1.95 -0.02	34.76 2.63 -0.02	39.56 2.89 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.23 1.21 0.00
LINDHRST_69_KV_BK1 356055	24.46 1.87 -0.33	22.23 1.71 -0.12	21.33 1.64 -0.15	21.14 1.63 -0.15	22.21 1.79 -0.09	26.50 2.10 -0.03	33.56 2.60 -0.36	36.40 2.79 -0.01	30.44 2.52 -0.21	24.33 2.00 -0.13	22.41 1.88 -0.37	20.79 1.80 -0.22	20.63 1.78 -0.16	19.91 1.75 -0.12	20.09 1.80 -0.11	21.38 1.87 -0.04	23.29 2.01 -0.13	26.92 2.36 -0.01	31.19 2.55 -0.30	35.83 3.31 -0.42	40.43 3.59 -0.19	32.11 2.73 -0.37	27.28 2.08 -0.11	23.93 1.76 -0.15
LIPA_MISC_IPP 23656	30.21 1.80 -6.14	24.14 1.65 -2.09	24.09 1.60 -2.95	23.71 1.59 -2.77	23.58 1.75 -1.50	26.54 2.02 -0.14	40.08 2.42 -7.07	36.44 2.72 -0.11	34.23 2.41 -4.11	26.76 1.98 -2.59	29.28 1.83 -7.28	24.80 1.78 -4.25	23.65 1.76 -3.20	22.01 1.73 -2.25	21.92 1.78 -1.95	22.13 1.83 -0.83	25.31 1.95 -2.21	26.89 2.33 -0.01	36.68 2.44 -5.90	43.34 3.11 -8.12	43.65 3.37 -3.63	38.78 2.58 -7.18	29.29 2.03 -2.18	26.75 1.76 -2.97
LISF____SOLAR 323691	30.20 1.85 -6.09	24.16 1.69 -2.07	24.11 1.64 -2.93	23.73 1.63 -2.74	23.59 1.77 -1.49	26.59 2.07 -0.14	40.08 2.48 -7.01	36.51 2.79 -0.11	34.23 2.44 -4.08	26.77 2.00 -2.57	29.25 1.85 -7.23	24.78 1.78 -4.22	23.65 1.78 -3.18	22.02 1.75 -2.24	21.93 1.80 -1.95	22.15 1.85 -0.83	25.31 1.97 -2.20	26.89 2.33 -0.01	36.69 2.49 -5.85	43.37 3.21 -8.05	43.73 3.48 -3.60	38.79 2.64 -7.13	29.33 2.08 -2.17	26.78 1.81 -2.96
LITTLE FALLS____HYD 24013	22.53 0.27 0.00	20.60 0.20 0.00	19.73 0.20 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.12 0.28 -0.25	33.88 0.27 0.00	27.85 0.14 0.00	22.31 0.11 0.00	20.22 0.06 0.00	18.81 0.04 0.00	18.67 -0.02 0.00	17.98 -0.05 0.00	18.13 -0.05 0.00	19.39 -0.08 0.00	21.07 -0.08 0.00	24.45 -0.10 0.00	28.31 -0.03 0.00	32.27 0.16 0.00	36.80 0.15 0.00	29.25 0.23 0.00	25.21 0.13 0.00	22.13 0.11 0.00



LITTLRIV_115KV_TB1 356100	21.33 -0.94 0.00	19.54 -0.86 0.00	18.76 -0.78 0.00	18.58 -0.77 0.00	19.48 -0.85 0.00	23.34 -1.02 0.01	25.05 -1.35 4.20	32.09 -1.51 0.01	26.55 -1.16 0.00	21.22 -0.98 0.00	19.24 -0.93 0.00	17.86 -0.90 0.01	17.81 -0.88 0.01	17.18 -0.85 0.01	17.34 -0.84 0.01	18.55 -0.92 0.01	20.15 -0.99 0.01	23.61 -0.93 0.00	27.32 -1.02 0.00	30.66 -1.44 0.00	35.11 -1.54 0.00	27.80 -1.22 0.00	24.23 -0.85 0.00	21.14 -0.88 0.00
LI_NEWBRDGE___DRP 323616	23.75 1.47 -0.01	21.75 1.35 -0.01	20.85 1.31 0.00	20.67 1.30 -0.01	21.77 1.42 -0.01	26.03 1.63 -0.02	32.68 2.08 0.00	35.83 2.22 0.00	29.76 2.05 0.00	23.86 1.66 0.00	21.72 1.55 0.00	20.27 1.50 0.00	20.19 1.50 0.00	19.52 1.48 -0.01	19.72 1.53 -0.01	21.03 1.56 0.00	22.82 1.65 -0.02	26.45 1.89 -0.01	30.38 2.04 0.00	34.77 2.66 0.00	39.51 2.86 0.00	31.16 2.15 0.00	26.74 1.66 0.00	23.40 1.39 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.82 -0.45 0.00	19.88 -0.51 0.00	19.09 -0.45 0.00	18.86 -0.50 0.00	19.70 -0.63 0.00	23.62 -0.76 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.05 -1.66 0.00	21.22 -0.98 0.00	19.54 -0.63 0.00	18.08 -0.69 0.00	17.92 -0.77 0.00	17.32 -0.72 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.88 -1.27 0.00	22.71 -1.84 0.00	26.10 -2.24 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
LOCKPORT___CC1 323769	21.84 -0.42 0.00	19.90 -0.49 0.00	19.11 -0.43 0.00	18.86 -0.50 0.00	19.72 -0.61 0.00	23.67 -0.71 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.27 -1.44 0.00	21.24 -0.95 0.00	19.54 -0.63 0.00	18.10 -0.67 0.00	17.92 -0.77 0.00	17.33 -0.70 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.90 -1.25 0.00	22.78 -1.77 0.00	26.30 -2.04 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
LOCKPORT___CC2 323770	21.84 -0.42 0.00	19.90 -0.49 0.00	19.11 -0.43 0.00	18.86 -0.50 0.00	19.72 -0.61 0.00	23.67 -0.71 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.27 -1.44 0.00	21.24 -0.95 0.00	19.54 -0.63 0.00	18.10 -0.67 0.00	17.92 -0.77 0.00	17.33 -0.70 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.90 -1.25 0.00	22.78 -1.77 0.00	26.30 -2.04 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
LOCKPORT___CC3 323771	21.84 -0.42 0.00	19.90 -0.49 0.00	19.11 -0.43 0.00	18.86 -0.50 0.00	19.72 -0.61 0.00	23.67 -0.71 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.27 -1.44 0.00	21.24 -0.95 0.00	19.54 -0.63 0.00	18.10 -0.67 0.00	17.92 -0.77 0.00	17.33 -0.70 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.90 -1.25 0.00	22.78 -1.77 0.00	26.30 -2.04 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
LONG_LAKE_PHOENIX 24014	21.91 -0.36 0.00	20.05 -0.35 0.00	19.21 -0.33 0.00	19.03 -0.33 0.00	19.98 -0.35 0.00	24.01 -0.37 0.00	30.26 -0.34 0.00	33.27 -0.34 0.00	27.35 -0.36 0.00	21.88 -0.31 0.00	19.84 -0.32 0.00	18.45 -0.32 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.80 -0.38 0.00	19.16 -0.31 0.00	20.79 -0.36 0.00	24.13 -0.42 0.00	27.88 -0.45 0.00	31.69 -0.42 0.00	36.25 -0.40 0.00	28.73 -0.29 0.00	24.73 -0.35 0.00	21.73 -0.29 0.00
LOVETT___3 23632	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.39 1.03 0.00	21.47 1.14 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.94 1.16 0.00	19.85 1.16 0.00	19.17 1.14 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.51 1.35 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.09 1.08 0.00
LOVETT___4 23642	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.39 1.03 0.00	21.47 1.14 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.94 1.16 0.00	19.85 1.16 0.00	19.17 1.14 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.51 1.35 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.09 1.08 0.00
LOVETT___5 23593	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.39 1.03 0.00	21.47 1.14 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.94 1.16 0.00	19.85 1.16 0.00	19.17 1.14 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.51 1.35 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.09 1.08 0.00
LOWER RAQUET___HYD 24057	21.00 -1.27 0.00	19.23 -1.16 0.00	18.44 -1.09 0.00	18.28 -1.08 0.00	19.15 -1.18 0.00	22.93 -1.44 0.01	24.62 -1.87 4.11	31.52 -2.08 0.01	26.08 -1.63 0.00	20.86 -1.33 0.00	18.93 -1.23 0.00	17.58 -1.18 0.01	17.53 -1.16 0.01	16.91 -1.12 0.01	17.07 -1.11 0.01	18.26 -1.21 0.01	19.88 -1.27 0.01	23.27 -1.28 0.00	26.86 -1.47 0.00	30.18 -1.93 0.00	34.56 -2.09 0.00	27.33 -1.68 0.00	23.83 -1.25 0.00	20.80 -1.21 0.00
LOWER___HUDSON 24059	22.76 0.49 0.00	20.90 0.51 0.00	20.03 0.49 0.00	19.86 0.50 0.00	20.86 0.53 0.00	24.98 0.61 0.00	31.76 1.16 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.71 0.51 0.00	20.63 0.46 0.00	19.22 0.45 0.00	19.14 0.45 0.00	18.45 0.42 0.00	18.64 0.45 0.00	19.94 0.47 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.13 0.79 0.00	33.36 1.25 0.00	38.04 1.39 0.00	30.06 1.04 0.00	25.68 0.60 0.00	22.48 0.46 0.00
LOWVILLE_115KV_TB2 356335	22.09 -0.18 0.00	20.17 -0.22 0.00	19.36 -0.18 0.00	19.18 -0.17 0.00	20.13 -0.20 0.00	24.01 -0.37 0.00	29.31 -0.28 1.01	33.30 -0.30 0.00	27.27 -0.44 0.00	21.75 -0.44 0.00	19.64 -0.52 0.00	18.24 -0.53 0.00	18.18 -0.50 0.00	17.51 -0.52 0.00	17.67 -0.51 0.00	18.96 -0.51 0.00	20.79 -0.36 0.00	24.28 -0.27 0.00	28.20 -0.14 0.00	32.23 0.13 0.00	36.83 0.18 0.00	29.28 0.26 0.00	25.13 0.05 0.00	21.97 -0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.00 0.73 0.00	21.11 0.71 0.00	20.18 0.64 0.00	20.04 0.68 0.00	21.04 0.71 0.00	25.25 0.88 0.00	32.03 1.44 0.00	35.09 1.48 0.00	28.71 1.00 0.00	22.82 0.62 0.00	20.71 0.54 0.00	19.30 0.53 0.00	19.21 0.52 0.00	18.51 0.47 0.00	18.69 0.51 0.00	20.04 0.56 0.00	21.76 0.61 0.00	25.31 0.76 0.00	29.39 1.05 0.00	33.58 1.48 0.00	38.33 1.69 0.00	30.29 1.28 0.00	25.88 0.80 0.00	22.68 0.66 0.00
LUTHERNY_35_KV_BK2 355980	23.00 0.73 0.00	21.13 0.73 0.00	20.18 0.64 0.00	20.06 0.70 0.00	21.06 0.73 0.00	25.25 0.88 0.00	32.03 1.44 0.00	35.09 1.48 0.00	28.74 1.03 0.00	22.84 0.64 0.00	20.71 0.54 0.00	19.30 0.53 0.00	19.21 0.52 0.00	18.52 0.49 0.00	18.69 0.51 0.00	20.06 0.58 0.00	21.76 0.61 0.00	25.31 0.76 0.00	29.41 1.08 0.00	33.58 1.48 0.00	38.37 1.72 0.00	30.29 1.28 0.00	25.88 0.80 0.00	22.70 0.68 0.00



LWR___OSWEGATCHIE_HYD 23850	21.26 -1.00 0.00	19.43 -0.96 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.39 -0.94 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.07 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.18 -1.16 0.00	30.82 -1.28 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
LYONS_FALL_HYD 23570	22.38 0.11 0.00	20.48 0.08 0.00	19.64 0.10 0.00	19.44 0.08 0.00	20.41 0.08 0.00	24.40 0.02 0.00	30.24 0.22 0.57	33.91 0.30 0.00	27.77 0.06 0.00	22.17 -0.02 0.00	20.02 -0.14 0.00	18.64 -0.13 0.00	18.56 -0.13 0.00	17.89 -0.14 0.00	18.03 -0.15 0.00	19.34 -0.14 0.00	21.15 0.00 0.00	24.62 0.07 0.00	28.56 0.23 0.00	32.65 0.55 0.00	37.23 0.58 0.00	29.60 0.58 0.00	25.41 0.33 0.00	22.24 0.22 0.00
MADISON___COUNTY_LFGE 323628	23.00 0.73 0.00	21.03 0.63 0.00	20.18 0.64 0.00	20.00 0.64 0.00	21.02 0.69 0.00	25.23 0.85 0.00	31.88 1.29 0.00	35.09 1.48 0.00	28.74 1.03 0.00	22.97 0.78 0.00	20.73 0.56 0.00	19.30 0.53 0.00	19.23 0.54 0.00	18.54 0.51 0.00	18.65 0.47 0.00	20.02 0.55 0.00	21.81 0.66 0.00	25.31 0.76 0.00	29.36 1.02 0.00	33.55 1.44 0.00	38.26 1.61 0.00	30.41 1.39 0.00	26.08 1.00 0.00	22.85 0.84 0.00
MALONE___115KV_TB1 356076	21.42 -0.85 0.00	19.58 -0.82 0.00	18.78 -0.76 0.00	18.60 -0.76 0.00	19.44 -0.89 0.00	23.27 -1.10 0.01	24.46 -1.35 4.79	32.05 -1.55 0.01	26.46 -1.25 0.00	21.24 -0.95 0.00	19.34 -0.83 0.00	17.90 -0.86 0.01	17.81 -0.88 0.01	17.16 -0.87 0.01	17.32 -0.85 0.01	18.53 -0.93 0.01	20.17 -0.97 0.01	23.79 -0.76 0.00	27.49 -0.85 0.00	30.79 -1.32 0.00	35.29 -1.36 0.00	27.91 -1.10 0.00	24.35 -0.73 0.00	21.25 -0.77 0.00
MAPLEWOD_115KV_TB3 80458	22.73 0.47 0.00	20.88 0.49 0.00	20.01 0.47 0.00	19.84 0.48 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.64 1.04 0.00	34.75 1.14 0.00	28.49 0.78 0.00	22.68 0.49 0.00	20.63 0.46 0.00	19.24 0.47 0.00	19.14 0.45 0.00	18.47 0.43 0.00	18.65 0.47 0.00	19.96 0.49 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.16 0.82 0.00	33.29 1.19 0.00	37.97 1.32 0.00	29.98 0.96 0.00	25.63 0.55 0.00	22.46 0.44 0.00
MAPLE_RIDGE_WT_1 323574	21.58 -0.69 0.00	19.70 -0.69 0.00	18.84 -0.70 0.00	18.64 -0.72 0.00	19.54 -0.79 0.00	23.39 -0.98 0.01	20.53 -1.28 8.78	32.18 -1.41 0.01	26.69 -1.02 0.00	21.42 -0.78 0.00	19.44 -0.73 0.00	18.04 -0.71 0.01	17.95 -0.73 0.01	17.32 -0.70 0.01	17.46 -0.71 0.01	18.70 -0.76 0.01	20.36 -0.78 0.01	23.76 -0.79 0.00	27.52 -0.82 0.00	31.14 -0.96 0.00	35.62 -1.03 0.00	28.21 -0.81 0.00	24.43 -0.65 0.00	21.40 -0.62 0.00
MAPLE_RIDGE_WT_2 323611	21.58 -0.69 0.00	19.70 -0.69 0.00	18.84 -0.70 0.00	18.64 -0.72 0.00	19.54 -0.79 0.00	23.39 -0.98 0.01	20.53 -1.28 8.78	32.18 -1.41 0.01	26.69 -1.02 0.00	21.42 -0.78 0.00	19.44 -0.73 0.00	18.04 -0.71 0.01	17.95 -0.73 0.01	17.32 -0.70 0.01	17.46 -0.71 0.01	18.70 -0.76 0.01	20.36 -0.78 0.01	23.76 -0.79 0.00	27.52 -0.82 0.00	31.14 -0.96 0.00	35.62 -1.03 0.00	28.21 -0.81 0.00	24.43 -0.65 0.00	21.40 -0.62 0.00
MARBLE_RIVER_WT_PWR 323696	21.15 -1.11 0.00	19.27 -1.12 0.00	18.44 -1.09 0.00	18.24 -1.12 0.00	19.03 -1.30 0.00	22.71 -1.66 0.01	23.48 -2.02 5.10	31.28 -2.32 0.01	25.80 -1.91 0.00	20.84 -1.35 0.00	19.07 -1.09 0.00	17.60 -1.16 0.01	17.45 -1.23 0.01	16.77 -1.26 0.01	16.86 -1.31 0.01	18.06 -1.40 0.01	19.75 -1.40 0.01	23.52 -1.03 0.00	27.20 -1.13 0.00	30.53 -1.57 0.00	34.96 -1.69 0.00	27.71 -1.31 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
MARSHVLE_115KV_TB1 80742	24.09 1.83 0.00	22.11 1.71 0.00	21.10 1.56 0.00	20.97 1.61 0.00	22.04 1.71 0.00	26.57 2.19 0.00	33.50 2.91 0.00	36.67 3.06 0.00	29.87 2.16 0.00	23.59 1.40 0.00	21.27 1.11 0.00	19.79 1.01 0.00	19.74 1.05 0.00	18.99 0.96 0.00	19.27 1.09 0.00	20.62 1.15 0.00	22.40 1.25 0.00	26.14 1.60 0.00	30.63 2.30 0.00	35.00 2.89 0.00	40.06 3.41 0.00	31.92 2.90 0.00	27.21 2.13 0.00	23.89 1.87 0.00
MARSH_HILL_WT_PWR 323713	22.91 0.65 0.00	20.84 0.45 0.00	19.93 0.39 0.00	19.67 0.31 0.00	20.59 0.26 0.00	24.81 0.44 0.00	30.84 0.24 0.00	33.98 0.37 0.00	27.82 0.11 0.00	22.31 0.11 0.00	20.31 0.14 0.00	18.75 -0.02 0.00	18.58 -0.11 0.00	17.91 -0.13 0.00	17.76 -0.42 0.00	19.12 -0.35 0.00	20.58 -0.57 0.00	23.76 -0.79 0.00	27.63 -0.71 0.00	31.34 -0.77 0.00	35.73 -0.91 0.00	28.64 -0.38 0.00	24.81 -0.28 0.00	22.46 0.44 0.00
MCINTYRE_115KV_TB2 80467	21.64 -0.62 0.00	19.82 -0.57 0.00	19.03 -0.51 0.00	18.88 -0.48 0.00	19.76 -0.57 0.00	23.71 -0.66 0.01	25.30 -0.95 4.35	32.52 -1.08 0.01	26.88 -0.83 0.00	21.46 -0.73 0.00	19.48 -0.69 0.00	18.07 -0.69 0.01	18.01 -0.67 0.01	17.38 -0.65 0.01	17.56 -0.62 0.01	18.78 -0.68 0.01	20.40 -0.74 0.01	23.88 -0.66 0.00	27.66 -0.68 0.00	31.05 -1.06 0.00	35.55 -1.10 0.00	28.18 -0.84 0.00	24.55 -0.53 0.00	21.44 -0.57 0.00
MECO____69_KV_BK1 80468	24.80 2.54 0.00	22.80 2.41 0.00	21.67 2.13 0.00	21.57 2.21 0.00	22.69 2.36 0.00	27.42 3.05 0.00	34.73 4.13 0.00	37.77 4.17 0.00	30.68 2.97 0.00	24.02 1.82 0.00	21.59 1.43 0.00	20.09 1.31 0.00	20.06 1.36 0.00	19.26 1.23 0.00	19.56 1.38 0.00	21.03 1.56 0.00	22.84 1.69 0.00	26.83 2.28 0.00	31.68 3.34 0.00	36.15 4.05 0.00	41.56 4.91 0.00	32.93 3.92 0.00	27.97 2.88 0.00	24.55 2.53 0.00
MENANDS__115KV_TB5 355628	22.67 0.40 0.00	20.84 0.45 0.00	19.95 0.41 0.00	19.80 0.45 0.00	20.78 0.45 0.00	24.89 0.51 0.00	31.55 0.95 0.00	34.65 1.04 0.00	28.40 0.69 0.00	22.64 0.44 0.00	20.59 0.42 0.00	19.20 0.43 0.00	19.10 0.41 0.00	18.43 0.40 0.00	18.62 0.44 0.00	19.92 0.45 0.00	21.64 0.49 0.00	25.09 0.54 0.00	29.05 0.71 0.00	33.20 1.09 0.00	37.86 1.21 0.00	29.86 0.84 0.00	25.56 0.48 0.00	22.39 0.37 0.00
MG INDUSTRY___DRP 24185	22.60 0.33 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.81 0.44 0.00	31.36 0.76 0.00	34.41 0.81 0.00	28.15 0.44 0.00	22.40 0.20 0.00	20.32 0.16 0.00	18.94 0.17 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.38 0.20 0.00	19.69 0.21 0.00	21.43 0.27 0.00	24.89 0.34 0.00	28.85 0.51 0.00	32.91 0.80 0.00	37.57 0.92 0.00	29.69 0.67 0.00	25.46 0.38 0.00	22.32 0.31 0.00
MID___OSWEGATCHIE_HYD 23849	21.26 -1.00 0.00	19.43 -0.96 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.39 -0.94 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.07 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.18 -1.16 0.00	30.82 -1.28 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00



MID___RAQUETTE_HYD 23851	21.00 -1.27 0.00	19.23 -1.16 0.00	18.44 -1.09 0.00	18.28 -1.08 0.00	19.15 -1.18 0.00	22.93 -1.44 0.01	24.62 -1.87 4.11	31.52 -2.08 0.01	26.08 -1.63 0.00	20.86 -1.33 0.00	18.93 -1.23 0.00	17.58 -1.18 0.01	17.53 -1.16 0.01	16.91 -1.12 0.01	17.07 -1.11 0.01	18.26 -1.21 0.01	19.88 -1.27 0.01	23.27 -1.28 0.00	26.89 -1.45 0.00	30.18 -1.93 0.00	34.56 -2.09 0.00	27.33 -1.68 0.00	23.83 -1.25 0.00	20.80 -1.21 0.00
MILLIKEN___1 23584	22.76 0.49 0.00	20.80 0.41 0.00	19.93 0.39 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.91 0.54 0.00	31.39 0.80 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.79 0.60 0.00	20.61 0.44 0.00	19.15 0.38 0.00	19.06 0.37 0.00	18.38 0.34 0.00	18.25 0.07 0.00	19.88 0.41 0.00	21.60 0.44 0.00	25.04 0.49 0.00	28.99 0.65 0.00	33.01 0.90 0.00	37.75 1.10 0.00	30.00 0.99 0.00	25.81 0.73 0.00	22.76 0.75 0.00
MILLIKEN___2 23585	22.76 0.49 0.00	20.80 0.41 0.00	19.93 0.39 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.91 0.54 0.00	31.39 0.80 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.79 0.60 0.00	20.61 0.44 0.00	19.15 0.38 0.00	19.06 0.37 0.00	18.38 0.34 0.00	18.25 0.07 0.00	19.88 0.41 0.00	21.60 0.44 0.00	25.04 0.49 0.00	28.99 0.65 0.00	33.01 0.90 0.00	37.75 1.10 0.00	30.00 0.99 0.00	25.81 0.73 0.00	22.76 0.75 0.00
MILLIKEN___DIESEL 23629	22.76 0.49 0.00	20.80 0.41 0.00	19.93 0.39 0.00	19.73 0.37 0.00	20.72 0.39 0.00	24.91 0.54 0.00	31.39 0.80 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.79 0.60 0.00	20.61 0.44 0.00	19.15 0.38 0.00	19.06 0.37 0.00	18.38 0.34 0.00	18.25 0.07 0.00	19.88 0.41 0.00	21.60 0.44 0.00	25.04 0.49 0.00	28.99 0.65 0.00	33.01 0.90 0.00	37.75 1.10 0.00	30.00 0.99 0.00	25.81 0.73 0.00	22.76 0.75 0.00
MILLSEAT___LFGE 323607	22.09 -0.18 0.00	20.11 -0.29 0.00	19.28 -0.25 0.00	19.03 -0.33 0.00	19.92 -0.41 0.00	23.98 -0.39 0.00	29.43 -1.16 0.00	32.43 -1.18 0.00	26.77 -0.94 0.00	21.60 -0.60 0.00	19.84 -0.32 0.00	18.34 -0.43 0.00	18.17 -0.52 0.00	17.55 -0.49 0.00	17.49 -0.69 0.00	18.85 -0.62 0.00	20.20 -0.95 0.00	23.20 -1.35 0.00	26.81 -1.53 0.00	30.28 -1.83 0.00	34.49 -2.16 0.00	27.74 -1.28 0.00	24.13 -0.95 0.00	22.08 0.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.51 1.25 0.00	21.52 1.12 0.00	20.61 1.07 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.65 2.05 0.00	35.96 2.35 0.00	29.46 1.75 0.00	23.57 1.38 0.00	21.45 1.29 0.00	20.03 1.26 0.00	19.94 1.25 0.00	19.28 1.24 0.00	19.47 1.29 0.00	20.78 1.30 0.00	22.61 1.46 0.00	26.17 1.62 0.00	30.12 1.79 0.00	34.51 2.41 0.00	39.32 2.68 0.00	30.90 1.89 0.00	26.46 1.38 0.00	23.14 1.12 0.00
MILLWOOD_13_KV_LOAD 356217	23.56 1.29 0.00	21.56 1.16 0.00	20.65 1.11 0.00	20.46 1.10 0.00	21.55 1.22 0.00	25.84 1.46 0.00	32.74 2.14 0.00	36.06 2.45 0.00	29.51 1.80 0.00	23.62 1.42 0.00	21.51 1.35 0.00	20.07 1.30 0.00	19.98 1.29 0.00	19.32 1.28 0.00	19.53 1.35 0.00	20.84 1.36 0.00	22.67 1.52 0.00	26.22 1.67 0.00	30.18 1.84 0.00	34.58 2.47 0.00	39.47 2.82 0.00	30.99 1.97 0.00	26.51 1.43 0.00	23.20 1.19 0.00
MODEL_CITY_ENERGY 24167	21.60 -0.67 0.00	19.70 -0.69 0.00	18.89 -0.64 0.00	18.66 -0.70 0.00	19.52 -0.81 0.00	23.40 -0.98 0.00	28.61 -1.99 0.00	31.32 -2.29 0.00	25.94 -1.77 0.00	20.97 -1.22 0.00	19.32 -0.85 0.00	17.89 -0.88 0.00	17.72 -0.97 0.00	17.14 -0.90 0.00	17.07 -1.11 0.00	18.38 -1.09 0.00	19.67 -1.48 0.00	22.53 -2.01 0.00	25.99 -2.35 0.00	29.28 -2.83 0.00	33.31 -3.33 0.00	26.90 -2.12 0.00	23.45 -1.63 0.00	21.62 -0.40 0.00
MODERN_LFGE___ 323580	21.60 -0.67 0.00	19.70 -0.69 0.00	18.89 -0.64 0.00	18.66 -0.70 0.00	19.52 -0.81 0.00	23.40 -0.98 0.00	28.61 -1.99 0.00	31.32 -2.29 0.00	25.94 -1.77 0.00	20.97 -1.22 0.00	19.32 -0.85 0.00	17.89 -0.88 0.00	17.72 -0.97 0.00	17.14 -0.90 0.00	17.07 -1.11 0.00	18.38 -1.09 0.00	19.67 -1.48 0.00	22.53 -2.01 0.00	25.99 -2.35 0.00	29.28 -2.83 0.00	33.31 -3.33 0.00	26.90 -2.12 0.00	23.45 -1.63 0.00	21.62 -0.40 0.00
MOHAWK_PAPER___DRP 24187	22.73 0.47 0.00	20.88 0.49 0.00	20.01 0.47 0.00	19.84 0.48 0.00	20.84 0.51 0.00	24.96 0.58 0.00	31.64 1.04 0.00	34.75 1.14 0.00	28.49 0.78 0.00	22.68 0.49 0.00	20.63 0.46 0.00	19.24 0.47 0.00	19.14 0.45 0.00	18.47 0.43 0.00	18.65 0.47 0.00	19.96 0.49 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.16 0.82 0.00	33.29 1.19 0.00	37.97 1.32 0.00	29.98 0.96 0.00	25.63 0.55 0.00	22.46 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	22.91 0.65 0.00	21.05 0.65 0.00	20.08 0.55 0.00	19.96 0.60 0.00	20.96 0.63 0.00	25.18 0.80 0.00	32.00 1.41 0.00	35.02 1.41 0.00	28.65 0.94 0.00	22.68 0.49 0.00	20.55 0.38 0.00	19.15 0.38 0.00	19.08 0.39 0.00	18.36 0.32 0.00	18.56 0.38 0.00	19.92 0.45 0.00	21.62 0.47 0.00	25.16 0.61 0.00	29.33 0.99 0.00	33.52 1.41 0.00	38.33 1.69 0.00	30.24 1.22 0.00	25.78 0.70 0.00	22.59 0.57 0.00
MONGAUP___HYD 23641	23.27 1.00 0.00	21.41 1.02 0.00	20.51 0.98 0.00	20.33 0.97 0.00	21.41 1.08 0.00	25.50 1.12 0.00	31.97 1.38 0.00	35.05 1.44 0.00	28.85 1.14 0.00	23.04 0.84 0.00	20.93 0.77 0.00	19.50 0.73 0.00	19.44 0.75 0.00	18.78 0.74 0.00	18.98 0.80 0.00	20.29 0.82 0.00	22.10 0.95 0.00	25.63 1.08 0.00	29.27 0.93 0.00	33.58 1.48 0.00	38.30 1.65 0.00	30.47 1.45 0.00	26.11 1.03 0.00	22.90 0.88 0.00
MONTAUK___DIESEL 23721	30.93 2.54 -6.13	24.81 2.32 -2.09	24.73 2.25 -2.94	24.35 2.23 -2.76	24.23 2.40 -1.50	27.34 2.83 -0.14	41.08 3.43 -7.06	37.52 3.80 -0.11	35.05 3.24 -4.10	27.33 2.55 -2.58	29.83 2.40 -7.27	25.30 2.29 -4.24	24.13 2.24 -3.19	22.48 2.20 -2.24	22.37 2.24 -1.95	22.62 2.32 -0.83	25.84 2.47 -2.21	27.53 2.97 -0.01	37.46 3.23 -5.89	44.32 4.11 -8.11	44.78 4.51 -3.62	39.67 3.48 -7.17	30.01 2.76 -2.17	27.41 2.42 -2.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.36 0.09 0.00	20.27 -0.12 0.00	19.46 -0.08 0.00	19.20 -0.15 0.00	20.09 -0.24 0.00	24.08 -0.29 0.00	29.56 -1.04 0.00	32.73 -0.87 0.00	26.71 -1.00 0.00	21.66 -0.53 0.00	19.92 -0.24 0.00	18.38 -0.39 0.00	18.15 -0.54 0.00	17.60 -0.43 0.00	17.51 -0.67 0.00	18.85 -0.62 0.00	20.33 -0.82 0.00	23.22 -1.33 0.00	26.84 -1.50 0.00	30.40 -1.70 0.00	34.71 -1.94 0.00	28.12 -0.90 0.00	24.38 -0.70 0.00	22.21 0.20 0.00
MORTIMER_115KV_TB3 55949	22.04 -0.22 0.00	20.09 -0.31 0.00	19.24 -0.29 0.00	19.03 -0.33 0.00	19.92 -0.41 0.00	23.98 -0.39 0.00	29.68 -0.92 0.00	32.73 -0.87 0.00	26.91 -0.80 0.00	21.82 -0.38 0.00	19.94 -0.22 0.00	18.47 -0.30 0.00	18.35 -0.34 0.00	17.71 -0.32 0.00	17.69 -0.49 0.00	19.06 -0.41 0.00	20.50 -0.66 0.00	23.54 -1.01 0.00	27.09 -1.25 0.00	30.79 -1.32 0.00	35.15 -1.50 0.00	28.12 -0.90 0.00	24.35 -0.73 0.00	22.04 0.02 0.00



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.65 1.38 0.00	21.64 1.24 0.00	20.73 1.19 0.00	20.54 1.18 0.00	21.65 1.32 0.00	25.91 1.54 0.00	32.86 2.26 0.00	36.19 2.59 0.00	29.65 1.94 0.00	23.75 1.55 0.00	21.59 1.45 0.02	20.13 1.41 0.05	20.04 1.40 0.06	19.34 1.37 0.07	19.54 1.42 0.06	20.90 1.46 0.03	22.78 1.63 0.00	26.36 1.82 0.00	30.32 1.98 0.00	34.74 2.63 0.00	39.58 2.93 0.00	31.05 2.03 0.00	26.61 1.53 0.00	23.27 1.25 0.00
MUNSVILLE_WIND_PWR 323609	24.18 1.92 0.00	22.09 1.69 0.00	21.14 1.60 0.00	20.93 1.57 0.00	21.96 1.63 0.00	26.35 1.97 0.00	33.29 2.69 0.00	36.73 3.13 0.00	29.79 2.08 0.00	23.73 1.53 0.00	21.25 1.09 0.00	19.77 0.99 0.00	19.70 1.01 0.00	18.96 0.92 0.00	19.05 0.87 0.00	20.54 1.07 0.00	22.40 1.25 0.00	26.02 1.47 0.00	30.32 1.98 0.00	34.93 2.83 0.00	39.69 3.04 0.00	31.80 2.79 0.00	27.21 2.13 0.00	23.93 1.91 0.00
N SALMON___HYD 24042	21.42 -0.85 0.00	19.60 -0.80 0.00	18.78 -0.76 0.00	18.60 -0.76 0.00	19.44 -0.89 0.00	23.27 -1.10 0.01	24.46 -1.35 4.79	32.05 -1.55 0.01	26.44 -1.27 0.00	21.24 -0.95 0.00	19.34 -0.83 0.00	17.90 -0.86 0.01	17.81 -0.88 0.01	17.16 -0.87 0.01	17.32 -0.85 0.01	18.53 -0.93 0.01	20.17 -0.97 0.01	23.79 -0.76 0.00	27.46 -0.88 0.00	30.79 -1.32 0.00	35.29 -1.36 0.00	27.91 -1.10 0.00	24.35 -0.73 0.00	21.24 -0.77 0.00
N.AKRON___115KV_KNAPP 355671	22.09 -0.18 0.00	20.13 -0.27 0.00	19.28 -0.25 0.00	19.05 -0.31 0.00	19.92 -0.41 0.00	23.98 -0.39 0.00	29.46 -1.13 0.00	32.43 -1.18 0.00	26.58 -1.14 0.00	21.62 -0.58 0.00	19.84 -0.32 0.00	18.34 -0.43 0.00	18.19 -0.50 0.00	17.57 -0.47 0.00	17.51 -0.67 0.00	18.87 -0.60 0.00	20.22 -0.93 0.00	23.12 -1.42 0.00	26.61 -1.73 0.00	30.24 -1.86 0.00	34.49 -2.16 0.00	27.74 -1.28 0.00	24.13 -0.95 0.00	22.10 0.09 0.00
N.BELMOR_69_KV_BK1 55787	23.95 1.67 -0.01	21.92 1.51 -0.01	21.00 1.47 0.00	20.82 1.45 -0.01	21.93 1.59 -0.01	26.22 1.83 -0.02	32.95 2.36 0.00	36.13 2.52 0.00	29.98 2.27 0.00	23.99 1.80 0.00	21.86 1.69 0.00	20.40 1.63 0.00	20.30 1.61 0.00	19.63 1.59 0.00	19.82 1.64 0.00	21.17 1.69 0.00	22.99 1.82 -0.02	26.67 2.11 -0.01	30.63 2.30 0.00	35.09 2.99 0.00	39.91 3.26 0.00	31.46 2.44 0.00	26.94 1.86 0.00	23.56 1.54 0.00
N.E_GEN_SANDY PD 24062	23.05 0.78 0.00	21.15 0.75 0.00	20.32 0.78 0.00	20.15 0.79 0.00	21.16 0.83 0.00	25.30 0.93 0.00	34.17 1.65 -1.92	35.42 1.81 0.00	28.85 1.14 0.00	23.06 0.86 0.00	20.99 0.83 0.00	19.62 0.85 0.00	19.49 0.80 0.00	18.83 0.79 0.00	19.00 0.82 0.00	20.29 0.82 0.00	22.08 0.93 0.00	25.60 1.05 0.00	29.53 1.19 0.00	34.00 1.89 0.00	38.70 2.05 0.00	31.04 1.51 -0.51	26.01 0.93 0.00	22.72 0.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.49 1.22 0.00	21.49 1.10 0.00	20.59 1.06 0.00	20.40 1.05 0.00	21.49 1.16 0.00	25.74 1.36 0.00	32.55 1.96 0.00	35.86 2.25 0.00	29.32 1.61 0.00	23.50 1.31 0.00	21.39 1.23 0.00	19.95 1.18 0.00	19.87 1.18 0.00	19.19 1.15 0.00	19.40 1.22 0.00	20.72 1.25 0.00	22.53 1.37 0.00	26.07 1.52 0.00	30.01 1.67 0.00	34.35 2.25 0.00	39.14 2.49 0.00	30.85 1.83 0.00	26.41 1.33 0.00	23.12 1.10 0.00
N.QUEENS_27_KV_LOAD 356247	23.69 1.43 0.00	21.72 1.33 0.00	20.77 1.23 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.76 1.39 0.00	32.80 2.20 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.92 1.71 -0.02	22.54 1.59 -0.78	22.33 1.54 -2.02	22.46 1.53 -2.24	22.16 1.52 -2.61	21.94 1.56 -2.20	22.33 1.62 -1.24	22.90 1.73 -0.02	26.55 1.99 -0.02	30.48 2.13 -0.02	34.85 2.73 -0.02	39.67 3.01 -0.02	30.96 1.94 0.00	26.56 1.48 0.00	23.23 1.21 0.00
N.TROY___115KV_TB1 355778	22.76 0.49 0.00	20.90 0.51 0.00	20.03 0.49 0.00	19.86 0.50 0.00	20.86 0.53 0.00	25.01 0.63 0.00	31.76 1.16 0.00	34.82 1.21 0.00	28.49 0.78 0.00	22.71 0.51 0.00	20.63 0.46 0.00	19.22 0.45 0.00	19.14 0.45 0.00	18.45 0.41 0.00	18.64 0.45 0.00	19.94 0.47 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.16 0.82 0.00	33.36 1.25 0.00	38.04 1.39 0.00	30.06 1.04 0.00	25.68 0.60 0.00	22.48 0.46 0.00
NARROWS_GT1_1 24228	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_2 24229	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_3 24230	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_4 24231	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_5 24232	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_6 24233	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00



NARROWS_GT1_7 24234	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT1_8 24235	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_1 24236	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_2 24237	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_3 24238	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_4 24239	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_5 24240	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_6 24241	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_7 24242	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NARROWS_GT2_8 24243	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.78 0.51 0.00	20.96 0.57 0.00	20.07 0.53 0.00	19.92 0.56 0.00	20.92 0.59 0.00	25.06 0.68 0.00	31.82 1.22 0.00	34.68 1.08 0.00	28.32 0.61 0.00	22.40 0.20 0.00	20.32 0.16 0.00	18.88 0.11 0.00	18.82 0.13 0.00	18.13 0.09 0.00	18.34 0.16 0.00	19.67 0.19 0.00	21.41 0.25 0.00	24.92 0.37 0.00	28.96 0.62 0.00	33.13 1.03 0.00	37.82 1.17 0.00	29.86 0.84 0.00	25.56 0.48 0.00	22.43 0.42 0.00
NCHELSEA_115KV_TR2 355582	23.69 1.43 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.69 1.36 0.00	26.01 1.63 0.00	32.95 2.36 0.00	36.09 2.49 0.00	29.51 1.80 0.00	23.55 1.35 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.21 1.17 0.00	19.44 1.25 0.00	20.76 1.29 0.00	22.61 1.46 0.00	26.17 1.62 0.00	30.12 1.79 0.00	34.58 2.47 0.00	39.43 2.79 0.00	31.02 2.00 0.00	26.56 1.48 0.00	23.29 1.28 0.00
NEG CAPITAL___MECHNVIL 23645	23.05 0.78 0.00	21.15 0.75 0.00	20.22 0.68 0.00	20.08 0.72 0.00	21.08 0.75 0.00	25.28 0.90 0.00	32.10 1.50 0.00	35.19 1.58 0.00	28.76 1.05 0.00	22.88 0.69 0.00	20.77 0.60 0.00	19.33 0.56 0.00	19.27 0.58 0.00	18.56 0.52 0.00	18.75 0.56 0.00	20.10 0.62 0.00	21.83 0.68 0.00	25.38 0.84 0.00	29.47 1.13 0.00	33.68 1.57 0.00	38.48 1.83 0.00	30.38 1.36 0.00	25.93 0.85 0.00	22.72 0.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.62 -0.65 0.00	19.72 -0.67 0.00	18.87 -0.66 0.00	18.66 -0.70 0.00	19.58 -0.75 0.00	23.59 -0.78 0.00	29.31 -1.28 0.00	32.43 -1.18 0.00	26.77 -0.94 0.00	21.53 -0.67 0.00	19.62 -0.54 0.00	18.17 -0.60 0.00	18.09 -0.60 0.00	17.44 -0.59 0.00	17.42 -0.76 0.00	18.77 -0.70 0.00	20.24 -0.91 0.00	23.34 -1.20 0.00	26.95 -1.39 0.00	30.50 -1.60 0.00	34.82 -1.83 0.00	27.77 -1.25 0.00	24.03 -1.05 0.00	21.62 -0.40 0.00
NEG CENTRAL___DRP 24199	22.40 0.13 0.00	20.45 0.06 0.00	19.58 0.04 0.00	19.38 0.02 0.00	20.35 0.02 0.00	24.52 0.15 0.00	30.78 0.18 0.00	34.35 0.74 0.00	28.13 0.42 0.00	22.62 0.42 0.00	20.49 0.32 0.00	19.00 0.23 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.20 0.02 0.00	19.67 0.19 0.00	21.28 0.13 0.00	24.60 0.05 0.00	28.45 0.11 0.00	32.30 0.19 0.00	36.94 0.29 0.00	29.48 0.46 0.00	25.38 0.30 0.00	22.54 0.53 0.00



NEG CENTRAL___INDECK 23768	23.89 1.62 0.00	21.70 1.31 0.00	20.73 1.19 0.00	20.46 1.10 0.00	21.45 1.12 0.00	26.08 1.71 0.00	32.49 1.90 0.00	35.79 2.18 0.00	28.82 1.11 0.00	22.88 0.69 0.00	20.69 0.52 0.00	19.09 0.32 0.00	18.93 0.24 0.00	18.22 0.18 0.00	18.13 -0.05 0.00	19.30 -0.18 0.00	20.81 -0.34 0.00	24.08 -0.47 0.00	28.03 -0.31 0.00	31.88 -0.22 0.00	36.50 -0.15 0.00	29.16 0.15 0.00	25.21 0.13 0.00	22.72 0.70 0.00
NEG CENTRAL___SENECA 23627	22.58 0.31 0.00	20.60 0.20 0.00	19.71 0.18 0.00	19.51 0.15 0.00	20.47 0.14 0.00	24.69 0.32 0.00	30.93 0.34 0.00	34.21 0.60 0.00	28.02 0.30 0.00	22.55 0.36 0.00	20.45 0.28 0.00	18.96 0.19 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.13 -0.05 0.00	19.59 0.12 0.00	21.17 0.02 0.00	24.47 -0.07 0.00	28.28 -0.06 0.00	32.07 -0.03 0.00	36.69 0.04 0.00	29.34 0.32 0.00	25.28 0.20 0.00	22.57 0.55 0.00
NEG CENTRAL___STATE_STREET 24147	22.31 0.04 0.00	20.41 0.02 0.00	19.54 0.00 0.00	19.32 -0.04 0.00	20.31 -0.02 0.00	24.42 0.05 0.00	30.78 0.18 0.00	34.55 0.94 0.00	28.32 0.61 0.00	22.75 0.55 0.00	20.59 0.42 0.00	19.11 0.34 0.00	19.06 0.37 0.00	18.36 0.32 0.00	18.34 0.16 0.00	19.82 0.35 0.00	21.47 0.32 0.00	24.87 0.32 0.00	28.73 0.40 0.00	32.68 0.58 0.00	37.38 0.73 0.00	29.71 0.70 0.00	25.56 0.48 0.00	22.59 0.57 0.00
NEG MILLWOOD___DRP 24198	23.69 1.43 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.67 1.34 0.00	26.03 1.66 0.00	32.98 2.39 0.00	36.19 2.59 0.00	29.65 1.94 0.00	23.64 1.44 0.00	21.53 1.37 0.00	20.07 1.30 0.00	20.00 1.31 0.00	19.34 1.30 0.00	19.56 1.38 0.00	20.89 1.42 0.00	22.74 1.59 0.00	26.27 1.72 0.00	30.24 1.90 0.00	34.74 2.63 0.00	39.69 3.04 0.00	31.16 2.15 0.00	26.64 1.56 0.00	23.31 1.30 0.00
NEG NORTH_FLCN_SEA 23793	21.49 -0.78 0.00	19.58 -0.82 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.39 -0.94 0.00	23.15 -1.22 0.01	24.03 -1.47 5.10	31.89 -1.71 0.01	26.27 -1.44 0.00	21.17 -1.02 0.00	19.36 -0.81 0.00	17.88 -0.88 0.01	17.75 -0.93 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.39 -1.07 0.01	20.06 -1.08 0.01	23.84 -0.71 0.00	27.57 -0.77 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.06 -0.96 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	21.44 -0.82 0.00	19.58 -0.82 0.00	18.78 -0.76 0.00	18.58 -0.77 0.00	19.44 -0.89 0.00	23.25 -1.12 0.01	24.10 -1.47 5.02	31.85 -1.75 0.01	26.33 -1.39 0.00	21.15 -1.04 0.00	19.28 -0.89 0.00	17.88 -0.88 0.01	17.77 -0.92 0.01	17.11 -0.92 0.01	17.26 -0.91 0.01	18.47 -0.99 0.01	20.13 -1.02 0.01	23.76 -0.79 0.00	27.46 -0.88 0.00	30.76 -1.35 0.00	35.22 -1.43 0.00	27.89 -1.13 0.00	24.38 -0.70 0.00	21.29 -0.73 0.00
NEG NORTH___ALICE_FALLS 23915	21.49 -0.78 0.00	19.60 -0.80 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.42 -0.91 0.00	23.20 -1.17 0.01	24.16 -1.35 5.09	32.02 -1.58 0.01	26.35 -1.36 0.00	21.22 -0.98 0.00	19.38 -0.79 0.00	17.90 -0.86 0.01	17.77 -0.92 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.13 -1.02 0.01	23.91 -0.64 0.00	27.63 -0.71 0.00	30.98 -1.12 0.00	35.51 -1.14 0.00	28.09 -0.93 0.00	24.50 -0.58 0.00	21.38 -0.64 0.00
NEG NORTH___LWR_SARANAC 23913	21.49 -0.78 0.00	19.60 -0.80 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.42 -0.91 0.00	23.20 -1.17 0.01	24.16 -1.35 5.09	32.02 -1.58 0.01	26.35 -1.36 0.00	21.22 -0.98 0.00	19.38 -0.79 0.00	17.90 -0.86 0.01	17.77 -0.92 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.13 -1.02 0.01	23.91 -0.64 0.00	27.63 -0.71 0.00	30.98 -1.12 0.00	35.51 -1.14 0.00	28.09 -0.93 0.00	24.50 -0.58 0.00	21.38 -0.64 0.00
NEG NORTH___PLATTSBURG 23628	21.49 -0.78 0.00	19.62 -0.77 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.42 -0.91 0.00	23.20 -1.17 0.01	24.16 -1.35 5.09	32.02 -1.58 0.01	26.35 -1.36 0.00	21.22 -0.98 0.00	19.38 -0.79 0.00	17.90 -0.86 0.01	17.77 -0.92 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.13 -1.01 0.01	23.91 -0.64 0.00	27.63 -0.71 0.00	30.98 -1.12 0.00	35.51 -1.14 0.00	28.09 -0.93 0.00	24.51 -0.58 0.00	21.38 -0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	21.84 -0.42 0.00	19.90 -0.49 0.00	19.11 -0.43 0.00	18.86 -0.50 0.00	19.72 -0.61 0.00	23.64 -0.73 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.05 -1.66 0.00	21.24 -0.95 0.00	19.54 -0.63 0.00	18.10 -0.68 0.00	17.92 -0.77 0.00	17.33 -0.70 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.90 -1.25 0.00	22.73 -1.82 0.00	26.10 -2.24 0.00	29.63 -2.47 0.00	33.72 -2.93 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
NEG WEST___LANCASTR 23811	22.49 0.22 0.00	20.50 0.10 0.00	19.67 0.14 0.00	19.44 0.08 0.00	20.33 0.00 0.00	24.35 -0.02 0.00	29.86 -0.73 0.00	33.04 -0.57 0.00	27.02 -0.69 0.00	21.97 -0.22 0.00	20.22 0.06 0.00	18.70 -0.08 0.00	18.52 -0.17 0.00	17.93 -0.11 0.00	17.84 -0.35 0.00	19.22 -0.25 0.00	20.60 -0.55 0.00	23.52 -1.03 0.00	27.12 -1.22 0.00	30.69 -1.41 0.00	34.96 -1.69 0.00	28.29 -0.73 0.00	24.58 -0.50 0.00	22.39 0.37 0.00
NEG_PENN_ALLEGHNY 23528	22.78 0.51 0.00	20.84 0.45 0.00	19.95 0.41 0.00	19.77 0.41 0.00	20.74 0.41 0.00	24.91 0.54 0.00	31.24 0.64 0.00	34.51 0.91 0.00	28.27 0.55 0.00	22.68 0.49 0.00	20.59 0.42 0.00	19.13 0.36 0.00	19.05 0.35 0.00	18.38 0.34 0.00	18.78 0.60 0.00	19.78 0.31 0.00	21.45 0.30 0.00	24.79 0.25 0.00	28.65 0.31 0.00	32.56 0.45 0.00	37.16 0.51 0.00	29.60 0.58 0.00	25.51 0.43 0.00	22.57 0.55 0.00
NEG___GEN_MONROE 24207	22.13 -0.13 0.00	20.15 -0.24 0.00	19.28 -0.25 0.00	19.07 -0.29 0.00	19.96 -0.37 0.00	24.06 -0.32 0.00	29.71 -0.89 0.00	32.80 -0.81 0.00	26.88 -0.83 0.00	21.77 -0.42 0.00	19.90 -0.26 0.00	18.41 -0.36 0.00	18.30 -0.39 0.00	17.66 -0.38 0.00	17.62 -0.56 0.00	18.99 -0.49 0.00	20.41 -0.74 0.00	23.42 -1.13 0.00	27.01 -1.33 0.00	30.76 -1.35 0.00	35.11 -1.54 0.00	28.15 -0.87 0.00	24.38 -0.70 0.00	22.10 0.09 0.00
NEPA___ENERGY 23901	22.49 0.22 0.00	20.50 0.10 0.00	19.65 0.12 0.00	19.42 0.06 0.00	20.31 -0.02 0.00	24.33 -0.05 0.00	29.83 -0.76 0.00	33.04 -0.57 0.00	26.99 -0.72 0.00	21.95 -0.24 0.00	20.18 0.02 0.00	18.66 -0.11 0.00	18.49 -0.21 0.00	17.89 -0.14 0.00	17.82 -0.36 0.00	19.20 -0.27 0.00	20.60 -0.55 0.00	23.52 -1.03 0.00	27.12 -1.22 0.00	30.66 -1.44 0.00	34.96 -1.69 0.00	28.32 -0.70 0.00	24.60 -0.48 0.00	22.39 0.37 0.00
NEVERSINK___HYD 23608	23.53 1.27 0.00	21.51 1.12 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.55 1.22 0.00	25.81 1.44 0.00	32.68 2.08 0.00	35.76 2.15 0.00	29.18 1.47 0.00	23.30 1.11 0.00	21.13 0.97 0.00	19.69 0.92 0.00	19.63 0.93 0.00	18.96 0.92 0.00	19.18 1.00 0.00	20.48 1.01 0.00	22.34 1.18 0.00	25.90 1.35 0.00	29.78 1.44 0.00	34.22 2.12 0.00	39.00 2.35 0.00	30.76 1.74 0.00	26.38 1.30 0.00	23.14 1.12 0.00



NEWKRMKL_115KV_TB1 55635	22.31 0.04 0.00	20.56 0.16 0.00	19.69 0.16 0.00	19.55 0.19 0.00	20.51 0.18 0.00	24.52 0.15 0.00	31.12 0.52 0.00	34.18 0.57 0.00	28.04 0.33 0.00	22.33 0.13 0.00	20.34 0.18 0.00	18.98 0.21 0.00	18.88 0.19 0.00	18.20 0.16 0.00	18.40 0.22 0.00	19.67 0.19 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.68 0.34 0.00	32.72 0.61 0.00	37.31 0.66 0.00	29.42 0.41 0.00	25.18 0.10 0.00	22.04 0.02 0.00
NEWTON___FALLS_HYD 23847	21.26 -1.00 0.00	19.43 -0.96 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.39 -0.94 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.07 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.18 -1.16 0.00	30.82 -1.28 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
NGRID_A1_DSASP 323792	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.18 -1.19 0.00	28.30 -2.30 0.00	30.92 -2.69 0.00	25.63 -2.08 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.29 -2.26 0.00	25.70 -2.63 0.00	28.96 -3.15 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
NGRID_A2_DSASP 323793	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.18 -1.19 0.00	28.30 -2.30 0.00	30.92 -2.69 0.00	25.63 -2.08 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.29 -2.26 0.00	25.70 -2.63 0.00	28.96 -3.15 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
NGRID_A4_DSASP 323807	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.18 -1.19 0.00	28.30 -2.30 0.00	30.92 -2.69 0.00	25.63 -2.08 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.29 -2.26 0.00	25.70 -2.63 0.00	28.96 -3.15 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
NIAGARA_115E_LBMP 323715	21.47 -0.80 0.00	19.58 -0.82 0.00	18.80 -0.74 0.00	18.56 -0.79 0.00	19.40 -0.93 0.00	23.25 -1.12 0.00	28.39 -2.20 0.00	31.09 -2.52 0.00	25.74 -1.97 0.00	20.84 -1.35 0.00	19.20 -0.97 0.00	17.78 -1.00 0.00	17.61 -1.08 0.00	17.03 -1.01 0.00	16.98 -1.20 0.00	18.28 -1.19 0.00	19.54 -1.61 0.00	22.39 -2.16 0.00	25.82 -2.52 0.00	29.09 -3.02 0.00	33.06 -3.59 0.00	26.70 -2.32 0.00	23.30 -1.78 0.00	21.49 -0.53 0.00
NIAGARA_115W_LBMP 323714	21.35 -0.91 0.00	19.48 -0.92 0.00	18.70 -0.84 0.00	18.47 -0.89 0.00	19.29 -1.04 0.00	23.11 -1.27 0.00	28.21 -2.39 0.00	30.85 -2.76 0.00	25.58 -2.13 0.00	20.71 -1.49 0.00	19.07 -1.09 0.00	17.66 -1.11 0.00	17.51 -1.18 0.00	16.94 -1.10 0.00	16.87 -1.31 0.00	18.17 -1.30 0.00	19.44 -1.71 0.00	22.24 -2.31 0.00	25.65 -2.69 0.00	28.86 -3.24 0.00	32.84 -3.81 0.00	26.52 -2.50 0.00	23.15 -1.93 0.00	21.38 -0.64 0.00
NIAGARA_230_LBMP 323716	21.69 -0.58 0.00	19.78 -0.61 0.00	18.97 -0.57 0.00	18.74 -0.62 0.00	19.60 -0.73 0.00	23.47 -0.90 0.00	28.67 -1.93 0.00	31.39 -2.22 0.00	26.02 -1.69 0.00	21.04 -1.16 0.00	19.38 -0.79 0.00	17.96 -0.81 0.00	17.79 -0.90 0.00	17.21 -0.83 0.00	17.16 -1.02 0.00	18.48 -0.99 0.00	19.78 -1.37 0.00	22.63 -1.91 0.00	26.10 -2.24 0.00	29.41 -2.70 0.00	33.42 -3.23 0.00	26.99 -2.03 0.00	23.55 -1.53 0.00	21.71 -0.31 0.00
NIAGARA___115KV_198_GIBSON 55903	21.35 -0.91 0.00	19.48 -0.92 0.00	18.70 -0.84 0.00	18.47 -0.89 0.00	19.29 -1.04 0.00	23.08 -1.29 0.00	28.21 -2.39 0.00	30.82 -2.79 0.00	25.36 -2.36 0.00	20.71 -1.49 0.00	19.07 -1.09 0.00	17.66 -1.11 0.00	17.51 -1.18 0.00	16.94 -1.10 0.00	16.87 -1.31 0.00	18.17 -1.30 0.00	19.44 -1.71 0.00	22.17 -2.38 0.00	25.42 -2.92 0.00	28.86 -3.24 0.00	32.84 -3.81 0.00	26.52 -2.50 0.00	23.15 -1.93 0.00	21.38 -0.64 0.00
NIAGARA____ 23760	21.69 -0.58 0.00	19.78 -0.61 0.00	18.97 -0.57 0.00	18.74 -0.62 0.00	19.60 -0.73 0.00	23.47 -0.90 0.00	28.67 -1.93 0.00	31.39 -2.22 0.00	26.02 -1.69 0.00	21.04 -1.16 0.00	19.38 -0.79 0.00	17.96 -0.81 0.00	17.79 -0.90 0.00	17.21 -0.83 0.00	17.16 -1.02 0.00	18.48 -0.99 0.00	19.78 -1.37 0.00	22.63 -1.91 0.00	26.10 -2.24 0.00	29.41 -2.70 0.00	33.42 -3.23 0.00	26.99 -2.03 0.00	23.55 -1.53 0.00	21.71 -0.31 0.00
NINE_MILE_1 23575	21.76 -0.51 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.84 -0.49 0.00	23.81 -0.56 0.00	29.95 -0.67 0.00	32.90 -0.71 0.00	27.05 -0.67 0.00	21.69 -0.51 0.00	19.68 -0.48 0.00	18.30 -0.47 0.00	18.22 -0.47 0.00	17.59 -0.45 0.00	17.67 -0.51 0.00	18.99 -0.49 0.00	20.60 -0.55 0.00	23.91 -0.64 0.00	27.60 -0.74 0.00	31.34 -0.77 0.00	35.81 -0.84 0.00	28.38 -0.64 0.00	24.46 -0.63 0.00	21.51 -0.51 0.00
NINE_MILE_2 23744	21.76 -0.51 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.84 -0.49 0.00	23.81 -0.56 0.00	29.95 -0.64 0.00	32.90 -0.71 0.00	27.08 -0.64 0.00	21.69 -0.51 0.00	19.68 -0.48 0.00	18.30 -0.47 0.00	18.22 -0.47 0.00	17.59 -0.45 0.00	17.67 -0.51 0.00	18.99 -0.49 0.00	20.60 -0.55 0.00	23.91 -0.64 0.00	27.60 -0.74 0.00	31.34 -0.77 0.00	35.81 -0.84 0.00	28.38 -0.64 0.00	24.46 -0.63 0.00	21.53 -0.48 0.00
NM_CAPITAL___DRP 24208	22.40 0.13 0.00	20.62 0.22 0.00	19.75 0.21 0.00	19.61 0.25 0.00	20.57 0.24 0.00	24.62 0.24 0.00	31.21 0.61 0.00	34.28 0.67 0.00	28.10 0.39 0.00	22.42 0.22 0.00	20.40 0.24 0.00	19.03 0.26 0.00	18.93 0.24 0.00	18.25 0.22 0.00	18.45 0.27 0.00	19.73 0.25 0.00	21.43 0.27 0.00	24.84 0.29 0.00	28.76 0.43 0.00	32.81 0.71 0.00	37.42 0.77 0.00	29.54 0.52 0.00	25.28 0.20 0.00	22.13 0.11 0.00
NM_CENTRAL___DRP 24181	22.20 -0.07 0.00	20.31 -0.08 0.00	19.46 -0.08 0.00	19.28 -0.08 0.00	20.25 -0.08 0.00	24.33 -0.05 0.00	30.63 0.03 0.00	33.84 0.24 0.00	27.77 0.06 0.00	22.26 0.07 0.00	20.18 0.02 0.00	18.77 0.00 0.00	18.71 0.02 0.00	18.04 0.00 0.00	18.07 -0.11 0.00	19.49 0.02 0.00	21.13 -0.02 0.00	24.50 -0.05 0.00	28.28 -0.06 0.00	32.17 0.06 0.00	36.76 0.11 0.00	29.13 0.12 0.00	25.08 0.00 0.00	22.08 0.07 0.00
NM_FRONTIER___DRP 24179	21.35 -0.91 0.00	19.48 -0.92 0.00	18.70 -0.84 0.00	18.47 -0.89 0.00	19.29 -1.04 0.00	23.08 -1.29 0.00	28.21 -2.39 0.00	30.82 -2.79 0.00	25.36 -2.36 0.00	20.71 -1.49 0.00	19.07 -1.09 0.00	17.66 -1.11 0.00	17.51 -1.18 0.00	16.94 -1.10 0.00	16.87 -1.31 0.00	18.17 -1.30 0.00	19.44 -1.71 0.00	22.17 -2.38 0.00	25.42 -2.92 0.00	28.86 -3.24 0.00	32.84 -3.81 0.00	26.52 -2.50 0.00	23.15 -1.93 0.00	21.38 -0.64 0.00



NM_ST_REGIS___HYD 24053	21.06 -1.20 0.00	19.27 -1.12 0.00	18.48 -1.06 0.00	18.31 -1.05 0.00	19.19 -1.14 0.00	22.98 -1.39 0.01	24.57 -1.77 4.25	31.58 -2.02 0.01	26.13 -1.58 0.00	20.93 -1.27 0.00	19.01 -1.15 0.00	17.64 -1.13 0.01	17.56 -1.12 0.01	16.95 -1.08 0.01	17.10 -1.07 0.01	18.30 -1.17 0.01	19.92 -1.23 0.01	23.37 -1.18 0.00	27.01 -1.33 0.00	30.28 -1.83 0.00	34.67 -1.98 0.00	27.45 -1.57 0.00	23.93 -1.15 0.00	20.87 -1.14 0.00
NORTHPORT___1 23551	23.44 1.56 0.38	21.68 1.41 0.12	20.75 1.39 0.18	20.57 1.37 0.16	21.76 1.50 0.08	26.15 1.76 -0.02	32.28 2.14 0.46	35.84 2.25 0.02	29.56 2.11 0.25	23.77 1.73 0.15	21.31 1.61 0.46	20.06 1.56 0.26	20.05 1.55 0.19	19.45 1.53 0.12	19.66 1.58 0.10	21.05 1.62 0.04	22.75 1.71 0.11	26.60 2.04 -0.01	30.05 2.10 0.38	34.33 2.76 0.54	39.37 2.97 0.25	30.78 2.23 0.47	26.68 1.73 0.13	23.31 1.48 0.18
NORTHPORT___2 23552	23.44 1.56 0.38	21.68 1.41 0.12	20.75 1.39 0.18	20.57 1.37 0.16	21.76 1.50 0.08	26.15 1.76 -0.02	32.28 2.14 0.46	35.84 2.25 0.02	29.56 2.11 0.25	23.77 1.73 0.15	21.31 1.61 0.46	20.06 1.56 0.26	20.05 1.55 0.19	19.45 1.53 0.12	19.66 1.58 0.10	21.05 1.62 0.04	22.75 1.71 0.11	26.60 2.04 -0.01	30.05 2.10 0.38	34.33 2.76 0.54	39.37 2.97 0.25	30.78 2.23 0.47	26.68 1.73 0.13	23.31 1.48 0.18
NORTHPORT___3 23553	23.69 1.74 0.31	21.91 1.61 0.10	20.97 1.58 0.15	20.79 1.57 0.13	21.97 1.71 0.07	26.34 1.95 -0.01	32.09 1.87 0.37	35.55 1.95 0.01	29.67 2.16 0.21	24.02 1.95 0.13	21.56 1.77 0.38	20.30 1.75 0.22	20.27 1.74 0.16	19.65 1.71 0.10	19.86 1.76 0.09	21.23 1.79 0.04	23.00 1.94 0.09	26.52 1.96 -0.01	29.90 1.87 0.31	34.05 2.38 0.43	38.91 2.46 0.19	30.62 1.97 0.37	26.76 1.78 0.11	23.54 1.67 0.15
NORTHPORT___4 23650	23.69 1.74 0.31	21.91 1.61 0.10	20.97 1.58 0.15	20.79 1.57 0.13	21.97 1.71 0.07	26.34 1.95 -0.01	32.09 1.87 0.37	35.55 1.95 0.01	29.67 2.16 0.21	24.02 1.95 0.13	21.56 1.77 0.38	20.30 1.75 0.22	20.27 1.74 0.16	19.65 1.71 0.10	19.86 1.76 0.09	21.23 1.79 0.04	23.00 1.94 0.09	26.52 1.96 -0.01	29.90 1.87 0.31	34.05 2.38 0.43	38.91 2.46 0.19	30.62 1.97 0.37	26.76 1.78 0.11	23.54 1.67 0.15
NORTHPORT___IC 23718	23.44 1.56 0.38	21.70 1.43 0.12	20.74 1.39 0.19	20.57 1.37 0.16	21.76 1.50 0.08	26.15 1.75 -0.02	32.28 2.14 0.46	35.84 2.25 0.02	29.58 2.13 0.26	23.76 1.73 0.16	21.30 1.61 0.47	20.06 1.56 0.27	20.04 1.55 0.20	19.44 1.53 0.13	19.65 1.58 0.11	21.04 1.62 0.05	22.75 1.71 0.11	26.60 2.04 -0.01	30.08 2.13 0.38	34.33 2.76 0.54	39.37 2.97 0.25	30.77 2.23 0.48	26.68 1.73 0.14	23.30 1.48 0.19
NORTH___COUNTRY_ESR 323785	21.37 -0.89 0.00	19.54 -0.86 0.00	18.72 -0.82 0.00	18.53 -0.83 0.00	19.40 -0.93 0.00	23.17 -1.19 0.01	24.02 -1.56 5.02	31.78 -1.82 0.01	26.27 -1.44 0.00	21.13 -1.06 0.00	19.26 -0.91 0.00	17.86 -0.90 0.01	17.75 -0.93 0.01	17.09 -0.94 0.01	17.23 -0.95 0.01	18.43 -1.03 0.01	20.07 -1.08 0.01	23.69 -0.86 0.00	27.37 -0.96 0.00	30.69 -1.41 0.00	35.11 -1.54 0.00	27.80 -1.22 0.00	24.30 -0.78 0.00	21.22 -0.79 0.00
NPX_GEN_1385_PROXY 323591	23.27 1.38 0.38	21.68 1.41 0.12	20.75 1.39 0.18	20.57 1.37 0.16	21.76 1.50 0.08	26.15 1.76 -0.02	32.31 2.17 0.46	35.77 2.18 0.02	29.56 2.11 0.25	23.77 1.73 0.15	21.17 1.47 0.46	20.01 1.50 0.26	20.01 1.51 0.19	19.45 1.53 0.12	19.66 1.58 0.10	20.91 1.48 0.04	22.75 1.71 0.11	26.57 2.01 -0.01	30.08 2.13 0.38	34.33 2.76 0.54	39.19 2.78 0.25	30.78 2.23 0.47	26.68 1.73 0.13	23.20 1.37 0.18
NPX_GEN_CSC 323557	30.15 1.74 -6.15	24.08 1.59 -2.09	24.06 1.56 -2.96	23.66 1.53 -2.77	23.52 1.69 -1.50	26.47 1.95 -0.14	40.00 2.32 -7.08	36.34 2.62 -0.11	34.16 2.33 -4.12	26.77 1.97 -2.60	29.30 1.83 -7.30	24.80 1.76 -4.26	23.64 1.74 -3.21	22.01 1.71 -2.26	21.91 1.76 -1.97	22.10 1.79 -0.84	25.25 1.88 -2.22	26.77 2.21 -0.01	36.63 2.38 -5.91	43.29 3.05 -8.13	43.58 3.30 -3.63	38.71 2.50 -7.20	29.25 1.98 -2.19	26.74 1.74 -2.99
NSINS_S_GLNS_FALLS 23858	22.91 0.65 0.00	21.03 0.63 0.00	20.07 0.53 0.00	19.94 0.58 0.00	20.94 0.61 0.00	25.15 0.78 0.00	31.97 1.38 0.00	34.98 1.38 0.00	28.63 0.91 0.00	22.68 0.49 0.00	20.55 0.38 0.00	19.13 0.36 0.00	19.08 0.39 0.00	18.36 0.32 0.00	18.54 0.36 0.00	19.90 0.43 0.00	21.60 0.44 0.00	25.16 0.61 0.00	29.33 0.99 0.00	33.49 1.38 0.00	38.30 1.65 0.00	30.24 1.22 0.00	25.76 0.68 0.00	22.57 0.55 0.00
NUCOR_STEEL___DRP 24197	22.36 0.09 0.00	20.45 0.06 0.00	19.58 0.04 0.00	19.36 0.00 0.00	20.35 0.02 0.00	24.45 0.07 0.00	30.84 0.24 0.00	34.62 1.01 0.00	28.35 0.64 0.00	22.77 0.58 0.00	20.59 0.42 0.00	19.13 0.36 0.00	19.06 0.37 0.00	18.36 0.32 0.00	18.34 0.16 0.00	19.84 0.37 0.00	21.49 0.34 0.00	24.87 0.32 0.00	28.73 0.40 0.00	32.72 0.61 0.00	37.42 0.77 0.00	29.77 0.75 0.00	25.61 0.53 0.00	22.63 0.62 0.00
NUMBER_THREE_WT_PWR 323818	22.02 -0.24 0.00	20.15 -0.24 0.00	19.32 -0.21 0.00	19.13 -0.23 0.00	20.09 -0.24 0.00	23.93 -0.44 0.00	29.20 -0.34 1.06	33.24 -0.37 0.00	27.18 -0.53 0.00	21.71 -0.49 0.00	19.58 -0.59 0.00	18.21 -0.56 0.00	18.13 -0.56 0.00	17.48 -0.56 0.00	17.62 -0.56 0.00	18.91 -0.57 0.00	20.75 -0.40 0.00	24.20 -0.34 0.00	28.14 -0.20 0.00	32.17 0.06 0.00	36.76 0.11 0.00	29.22 0.20 0.00	25.08 0.00 0.00	21.93 -0.09 0.00
NYISO_LBMP_REFERENCE 24008	22.27 0.00 0.00	20.39 0.00 0.00	19.54 0.00 0.00	19.36 0.00 0.00	20.33 0.00 0.00	24.37 0.00 0.00	30.60 0.00 0.00	33.61 0.00 0.00	27.71 0.00 0.00	22.20 0.00 0.00	20.16 0.00 0.00	18.77 0.00 0.00	18.69 0.00 0.00	18.04 0.00 0.00	18.18 0.00 0.00	19.47 0.00 0.00	21.15 0.00 0.00	24.55 0.00 0.00	28.34 0.00 0.00	32.11 0.00 0.00	36.65 0.00 0.00	29.02 0.00 0.00	25.08 0.00 0.00	22.02 0.00 0.00
NYPA_BRENTWD____GT 24164	24.64 1.87 -0.50	22.26 1.69 -0.18	21.42 1.64 -0.24	21.22 1.63 -0.23	22.25 1.79 -0.13	26.50 2.10 -0.03	33.73 2.57 -0.56	36.40 2.79 -0.01	30.54 2.50 -0.34	24.41 2.00 -0.21	22.63 1.88 -0.59	20.92 1.80 -0.35	20.73 1.78 -0.26	19.98 1.75 -0.19	20.15 1.80 -0.17	21.42 1.87 -0.07	23.36 2.01 -0.20	26.92 2.36 -0.01	31.33 2.52 -0.47	36.00 3.24 -0.65	40.49 3.55 -0.29	32.30 2.70 -0.58	27.34 2.08 -0.18	24.04 1.78 -0.25
NYPA_GOWANUS____GT5 24156	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 0.00	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00



NYPA_GOWANUS____GT6 24157	23.85 1.58 0.00	21.76 1.37 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.34 2.72 -0.02	29.82 2.11 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.65 -1.25	23.01 1.84 -0.02	26.65 2.09 -0.02	30.65 2.29 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NYPA_HARLEM_RVR_GT1 24160	23.67 1.40 0.00	21.68 1.29 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.76 1.39 0.01	32.73 2.14 0.01	36.17 2.55 -0.01	29.61 1.91 0.01	23.82 1.62 -0.01	23.18 1.53 -1.48	24.10 1.48 -3.84	24.42 1.48 -4.26	24.44 1.44 -4.96	23.85 1.49 -4.18	23.36 1.54 -2.35	22.83 1.67 -0.01	26.45 1.89 -0.01	30.36 2.01 -0.01	34.75 2.63 -0.01	39.59 2.93 -0.01	30.92 1.91 0.01	26.50 1.43 0.01	23.23 1.21 0.00
NYPA_HARLEM_RVR_GT2 24161	23.67 1.40 0.00	21.68 1.29 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.76 1.39 0.01	32.73 2.14 0.01	36.17 2.55 -0.01	29.61 1.91 0.01	23.82 1.62 -0.01	23.18 1.53 -1.48	24.10 1.48 -3.84	24.42 1.48 -4.26	24.44 1.44 -4.96	23.85 1.49 -4.18	23.36 1.54 -2.35	22.83 1.67 -0.01	26.45 1.89 -0.01	30.36 2.01 -0.01	34.75 2.63 -0.01	39.59 2.93 -0.01	30.92 1.91 0.01	26.50 1.43 0.01	23.23 1.21 0.00
NYPA_KENT____GT 24152	23.80 1.54 0.00	21.74 1.35 0.00	20.81 1.27 0.00	20.60 1.24 0.00	21.73 1.40 0.00	25.96 1.58 0.00	32.98 2.39 0.00	36.31 2.69 -0.02	29.79 2.08 0.00	23.90 1.69 -0.02	22.55 1.59 -0.79	22.34 1.54 -2.03	22.47 1.53 -2.25	22.15 1.50 -2.62	21.93 1.54 -2.21	22.33 1.62 -1.25	22.94 1.78 -0.02	26.58 2.01 -0.02	30.57 2.21 -0.02	34.95 2.83 -0.02	39.85 3.19 -0.02	31.20 2.18 0.00	26.76 1.68 0.00	23.40 1.39 0.00
NYPA_POUCH1____GT 24155	23.87 1.60 0.00	21.76 1.37 0.00	20.85 1.31 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.96 1.58 0.00	32.98 2.39 0.00	36.21 2.59 -0.02	29.73 2.02 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.15 1.50 -2.62	21.93 1.54 -2.21	22.33 1.62 -1.25	22.96 1.80 -0.02	26.65 2.09 -0.02	30.62 2.27 -0.02	34.91 2.79 -0.02	39.82 3.15 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.45 1.43 0.00
NYPA_VERNON____GT2 24162	23.76 1.49 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.94 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
NYPA_VERNON____GT3 24163	23.76 1.49 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.94 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
NYPA__ASTORIA_CC1 323568	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.89 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
NYPA__ASTORIA_CC2 323569	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.91 1.54 0.00	32.89 2.30 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.85 1.64 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.11 1.46 -2.62	21.89 1.51 -2.21	22.28 1.56 -1.25	22.88 1.71 -0.02	26.50 1.94 -0.02	30.45 2.10 -0.02	34.82 2.70 -0.02	39.71 3.04 -0.02	31.08 2.06 0.00	26.66 1.58 0.00	23.31 1.30 0.00
NYPA__HOLTSVILL 23794	30.18 1.76 -6.15	24.10 1.61 -2.10	24.06 1.56 -2.96	23.68 1.55 -2.78	23.52 1.69 -1.51	26.49 1.97 -0.14	40.07 2.39 -7.09	36.41 2.69 -0.11	34.19 2.35 -4.13	26.73 1.93 -2.60	29.27 1.79 -7.31	24.79 1.75 -4.27	23.62 1.72 -3.21	21.99 1.70 -2.26	21.90 1.75 -1.97	22.10 1.79 -0.84	25.30 1.92 -2.22	26.79 2.23 -0.01	36.58 2.32 -5.92	43.27 3.02 -8.14	43.55 3.26 -3.64	38.72 2.50 -7.21	29.20 1.93 -2.19	26.68 1.67 -2.99
NYPA____HELLGATE_GT1 24158	23.67 1.40 0.00	21.68 1.29 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.76 1.39 0.01	32.73 2.14 0.01	36.17 2.55 -0.01	29.61 1.91 0.01	23.82 1.62 -0.01	21.78 1.53 -0.08	20.46 1.48 -0.20	20.39 1.48 -0.22	19.74 1.44 -0.26	19.89 1.49 -0.22	21.14 1.54 -0.13	22.83 1.67 -0.01	26.45 1.89 -0.01	30.36 2.01 -0.01	34.75 2.63 -0.01	39.59 2.93 -0.01	30.92 1.91 0.01	26.50 1.43 0.01	23.23 1.21 0.00
NYPA____HELLGATE_GT2 24159	23.67 1.40 0.00	21.68 1.29 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.76 1.39 0.01	32.73 2.14 0.01	36.17 2.55 -0.01	29.61 1.91 0.01	23.82 1.62 -0.01	21.78 1.53 -0.08	20.46 1.48 -0.20	20.39 1.48 -0.22	19.74 1.44 -0.26	19.89 1.49 -0.22	21.14 1.54 -0.13	22.83 1.67 -0.01	26.45 1.89 -0.01	30.36 2.01 -0.01	34.75 2.63 -0.01	39.59 2.93 -0.01	30.92 1.91 0.01	26.50 1.43 0.01	23.23 1.21 0.00
NYS_BARGE__HYD 23848	21.82 -0.45 0.00	19.88 -0.51 0.00	19.09 -0.45 0.00	18.86 -0.50 0.00	19.70 -0.63 0.00	23.64 -0.73 0.00	28.94 -1.65 0.00	31.73 -1.88 0.00	26.27 -1.44 0.00	21.22 -0.98 0.00	19.54 -0.63 0.00	18.08 -0.69 0.00	17.92 -0.77 0.00	17.32 -0.72 0.00	17.27 -0.91 0.00	18.60 -0.88 0.00	19.88 -1.27 0.00	22.78 -1.77 0.00	26.30 -2.04 0.00	29.63 -2.47 0.00	33.75 -2.90 0.00	27.22 -1.80 0.00	23.73 -1.35 0.00	21.84 -0.18 0.00
OAK ORCHARD__HYD 24046	22.04 -0.22 0.00	20.09 -0.31 0.00	19.25 -0.29 0.00	19.03 -0.33 0.00	19.92 -0.41 0.00	24.01 -0.36 0.00	29.68 -0.92 0.00	32.73 -0.87 0.00	27.05 -0.67 0.00	21.82 -0.38 0.00	19.94 -0.22 0.00	18.47 -0.30 0.00	18.36 -0.34 0.00	17.71 -0.32 0.00	17.69 -0.49 0.00	19.06 -0.41 0.00	20.50 -0.66 0.00	23.59 -0.96 0.00	27.23 -1.11 0.00	30.82 -1.29 0.00	35.14 -1.50 0.00	28.12 -0.90 0.00	24.35 -0.73 0.00	22.04 0.02 0.00
OAKDALE_35_KV_LOAD 356122	22.71 0.45 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.71 0.35 0.00	20.70 0.37 0.00	24.84 0.46 0.00	31.15 0.55 0.00	34.38 0.77 0.00	28.13 0.42 0.00	22.59 0.40 0.00	20.53 0.36 0.00	19.09 0.32 0.00	18.99 0.30 0.00	18.33 0.29 0.00	18.76 0.58 0.00	19.73 0.25 0.00	21.38 0.23 0.00	24.72 0.17 0.00	28.56 0.23 0.00	32.46 0.35 0.00	37.05 0.40 0.00	29.51 0.49 0.00	25.41 0.33 0.00	22.48 0.46 0.00



OCC_CHEM___DRP 24175	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.16 -1.22 0.00	28.30 -2.29 0.00	30.92 -2.69 0.00	25.41 -2.30 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.24 -2.31 0.00	25.50 -2.83 0.00	28.93 -3.18 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
OH_GEN_PROXY 24063	21.71 -0.56 0.00	19.82 -0.57 0.00	19.01 -0.53 0.00	18.78 -0.58 0.00	19.64 -0.69 0.00	23.52 -0.85 0.00	28.76 -1.83 0.00	31.49 -2.12 0.00	26.10 -1.61 0.00	21.11 -1.09 0.00	19.42 -0.75 0.00	18.00 -0.77 0.00	17.85 -0.84 0.00	17.24 -0.79 0.00	17.20 -0.98 0.00	18.52 -0.95 0.00	19.84 -1.31 0.00	22.71 -1.84 0.00	26.18 -2.15 0.00	29.51 -2.60 0.00	33.57 -3.08 0.00	27.07 -1.94 0.00	23.63 -1.46 0.00	21.73 -0.29 0.00
OLIN_CORP_DRP 24177	21.51 -0.76 0.00	19.64 -0.75 0.00	18.83 -0.70 0.00	18.60 -0.76 0.00	19.46 -0.87 0.00	23.28 -1.10 0.00	28.49 -2.11 0.00	31.15 -2.45 0.00	25.61 -2.11 0.00	20.89 -1.31 0.00	19.24 -0.93 0.00	17.81 -0.96 0.00	17.66 -1.03 0.00	17.06 -0.97 0.00	17.02 -1.16 0.00	18.32 -1.15 0.00	19.61 -1.54 0.00	22.36 -2.18 0.00	25.67 -2.66 0.00	29.12 -2.99 0.00	33.17 -3.48 0.00	26.78 -2.23 0.00	23.38 -1.71 0.00	21.55 -0.46 0.00
OLIN_CORP_DSASP 323712	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.18 -1.19 0.00	28.30 -2.30 0.00	30.92 -2.69 0.00	25.63 -2.08 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.29 -2.26 0.00	25.70 -2.63 0.00	28.96 -3.15 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
ONEIDA_HERK_LFGE 323681	22.53 0.27 0.00	20.62 0.22 0.00	19.77 0.24 0.00	19.59 0.23 0.00	20.57 0.24 0.00	24.62 0.24 0.00	30.76 0.49 0.32	34.21 0.61 0.00	28.05 0.33 0.00	22.39 0.20 0.00	20.24 0.08 0.00	18.83 0.06 0.00	18.77 0.08 0.00	18.09 0.05 0.00	18.22 0.04 0.00	19.55 0.08 0.00	21.34 0.19 0.00	24.79 0.25 0.00	28.76 0.43 0.00	32.85 0.74 0.00	37.45 0.81 0.00	29.77 0.75 0.00	25.56 0.48 0.00	22.39 0.37 0.00
ONEIDA___115KV_TB4 55905	23.00 0.73 0.00	21.03 0.63 0.00	20.18 0.64 0.00	20.00 0.64 0.00	21.02 0.69 0.00	25.23 0.85 0.00	31.88 1.29 0.00	35.09 1.48 0.00	28.74 1.03 0.00	22.97 0.78 0.00	20.73 0.56 0.00	19.30 0.53 0.00	19.23 0.54 0.00	18.54 0.51 0.00	18.65 0.47 0.00	20.02 0.55 0.00	21.81 0.66 0.00	25.31 0.76 0.00	29.36 1.02 0.00	33.55 1.44 0.00	38.26 1.61 0.00	30.41 1.39 0.00	26.08 1.00 0.00	22.85 0.84 0.00
ONONDAGA_REF_OCCRA 23987	22.33 0.07 0.00	20.43 0.04 0.00	19.58 0.04 0.00	19.38 0.02 0.00	20.37 0.04 0.00	24.47 0.10 0.00	30.87 0.28 0.00	34.14 0.54 0.00	28.02 0.30 0.00	22.44 0.24 0.00	20.32 0.16 0.00	18.90 0.13 0.00	18.84 0.15 0.00	18.16 0.13 0.00	18.20 0.02 0.00	19.63 0.16 0.00	21.30 0.15 0.00	24.69 0.15 0.00	28.54 0.20 0.00	32.46 0.35 0.00	37.09 0.44 0.00	29.42 0.41 0.00	25.31 0.23 0.00	22.26 0.24 0.00
ONONDAGA___COGEN 23986	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
ONTARIO___LFGE 23819	22.58 0.31 0.00	20.60 0.20 0.00	19.71 0.18 0.00	19.51 0.15 0.00	20.47 0.14 0.00	24.69 0.32 0.00	30.93 0.34 0.00	34.21 0.61 0.00	28.13 0.42 0.00	22.55 0.35 0.00	20.45 0.28 0.00	18.96 0.19 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.13 -0.05 0.00	19.59 0.12 0.00	21.17 0.02 0.00	24.50 -0.05 0.00	28.37 0.03 0.00	32.20 0.10 0.00	36.69 0.04 0.00	29.34 0.32 0.00	25.28 0.20 0.00	22.57 0.55 0.00
ORANGEVILLE_WT_PWR 323706	22.24 -0.02 0.00	20.25 -0.14 0.00	19.40 -0.14 0.00	19.17 -0.19 0.00	20.03 -0.30 0.00	24.06 -0.32 0.00	29.62 -0.98 0.00	32.56 -1.04 0.00	26.80 -0.91 0.00	21.60 -0.60 0.00	19.78 -0.38 0.00	18.28 -0.49 0.00	18.11 -0.58 0.00	17.51 -0.52 0.00	17.40 -0.78 0.00	18.81 -0.66 0.00	20.22 -0.93 0.00	23.22 -1.33 0.00	26.86 -1.47 0.00	30.37 -1.73 0.00	34.60 -2.05 0.00	27.89 -1.13 0.00	24.20 -0.88 0.00	22.06 0.04 0.00
ORANGEVILLE___ESR 323794	22.24 -0.02 0.00	20.25 -0.14 0.00	19.40 -0.14 0.00	19.17 -0.19 0.00	20.03 -0.30 0.00	24.06 -0.32 0.00	29.62 -0.98 0.00	32.56 -1.04 0.00	26.80 -0.91 0.00	21.60 -0.60 0.00	19.78 -0.38 0.00	18.28 -0.49 0.00	18.11 -0.58 0.00	17.51 -0.52 0.00	17.40 -0.78 0.00	18.81 -0.66 0.00	20.22 -0.93 0.00	23.22 -1.33 0.00	26.86 -1.47 0.00	30.37 -1.73 0.00	34.60 -2.05 0.00	27.89 -1.13 0.00	24.20 -0.88 0.00	22.06 0.04 0.00
OSWEGATCHIE___HYD 24044	21.26 -1.00 0.00	19.46 -0.94 0.00	18.66 -0.88 0.00	18.49 -0.87 0.00	19.40 -0.93 0.00	23.20 -1.17 0.00	26.49 -1.38 2.73	32.06 -1.55 0.00	26.35 -1.36 0.00	21.06 -1.13 0.00	19.05 -1.11 0.00	17.70 -1.07 0.00	17.62 -1.06 0.00	17.01 -1.03 0.00	17.16 -1.02 0.00	18.38 -1.09 0.00	20.07 -1.08 0.00	23.44 -1.10 0.00	27.17 -1.16 0.00	30.82 -1.29 0.00	35.29 -1.36 0.00	28.00 -1.02 0.00	24.18 -0.90 0.00	21.11 -0.90 0.00
OSWEGO___5 23606	21.89 -0.38 0.00	20.03 -0.37 0.00	19.19 -0.35 0.00	18.99 -0.37 0.00	19.94 -0.39 0.00	23.96 -0.41 0.00	30.11 -0.49 0.00	33.04 -0.57 0.00	27.18 -0.53 0.00	21.77 -0.42 0.00	19.76 -0.40 0.00	18.40 -0.38 0.00	18.32 -0.37 0.00	17.66 -0.38 0.00	17.74 -0.44 0.00	19.06 -0.41 0.00	20.71 -0.45 0.00	24.01 -0.54 0.00	27.71 -0.62 0.00	31.50 -0.61 0.00	35.95 -0.70 0.00	28.50 -0.52 0.00	24.58 -0.50 0.00	21.62 -0.40 0.00
OSWEGO___6 23613	21.89 -0.38 0.00	20.03 -0.37 0.00	19.19 -0.35 0.00	18.99 -0.37 0.00	19.94 -0.39 0.00	23.96 -0.41 0.00	30.11 -0.49 0.00	33.04 -0.57 0.00	27.18 -0.53 0.00	21.77 -0.42 0.00	19.76 -0.40 0.00	18.40 -0.38 0.00	18.32 -0.37 0.00	17.66 -0.38 0.00	17.74 -0.44 0.00	19.06 -0.41 0.00	20.71 -0.45 0.00	24.01 -0.54 0.00	27.71 -0.62 0.00	31.50 -0.61 0.00	35.95 -0.70 0.00	28.50 -0.52 0.00	24.58 -0.50 0.00	21.62 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	21.95 -0.31 0.00	20.03 -0.37 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.84 -0.49 0.00	23.77 -0.61 0.00	29.13 -1.47 0.00	31.96 -1.65 0.00	26.24 -1.47 0.00	21.37 -0.82 0.00	19.70 -0.46 0.00	18.21 -0.56 0.00	18.04 -0.65 0.00	17.46 -0.58 0.00	17.38 -0.80 0.00	18.71 -0.76 0.00	20.03 -1.12 0.00	22.85 -1.69 0.00	26.27 -2.07 0.00	29.79 -2.31 0.00	33.94 -2.71 0.00	27.42 -1.60 0.00	23.88 -1.20 0.00	21.95 -0.07 0.00



OXBOW___BTM 323836	21.69 -0.58 0.00	19.78 -0.61 0.00	18.99 -0.55 0.00	18.74 -0.62 0.00	19.60 -0.73 0.00	23.50 -0.88 0.00	28.73 -1.87 0.00	31.46 -2.15 0.00	26.05 -1.66 0.00	21.06 -1.13 0.00	19.42 -0.75 0.00	17.98 -0.79 0.00	17.81 -0.88 0.00	17.23 -0.81 0.00	17.16 -1.02 0.00	18.48 -0.99 0.00	19.75 -1.40 0.00	22.61 -1.94 0.00	26.10 -2.24 0.00	29.41 -2.70 0.00	33.46 -3.19 0.00	27.02 -2.00 0.00	23.55 -1.53 0.00	21.71 -0.31 0.00
OXBOW____ 24026	21.69 -0.58 0.00	19.78 -0.61 0.00	18.99 -0.55 0.00	18.74 -0.62 0.00	19.60 -0.73 0.00	23.47 -0.90 0.00	28.73 -1.87 0.00	31.46 -2.15 0.00	25.85 -1.86 0.00	21.06 -1.13 0.00	19.42 -0.75 0.00	17.98 -0.79 0.00	17.81 -0.88 0.00	17.23 -0.81 0.00	17.16 -1.02 0.00	18.48 -0.99 0.00	19.76 -1.40 0.00	22.56 -1.99 0.00	25.90 -2.44 0.00	29.38 -2.73 0.00	33.46 -3.19 0.00	27.02 -2.00 0.00	23.55 -1.53 0.00	21.71 -0.31 0.00
OXY_CHEM_DSASP 323612	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.16 -1.22 0.00	28.30 -2.29 0.00	30.92 -2.69 0.00	25.41 -2.30 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.24 -2.31 0.00	25.50 -2.83 0.00	28.93 -3.18 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
OZONE_PARK_ESR 323760	23.89 1.63 0.00	21.84 1.45 0.00	20.91 1.37 0.00	20.71 1.36 0.00	21.85 1.52 0.00	26.15 1.78 0.00	33.23 2.63 0.00	36.61 2.99 -0.02	29.98 2.27 0.00	24.03 1.82 -0.02	22.64 1.69 -0.78	22.41 1.63 -2.01	22.54 1.63 -2.23	22.21 1.59 -2.59	22.00 1.64 -2.18	22.40 1.69 -1.23	23.03 1.86 -0.02	26.67 2.11 -0.02	30.71 2.35 -0.02	35.17 3.05 -0.02	40.07 3.41 -0.02	31.37 2.35 0.00	26.89 1.81 0.00	23.51 1.50 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.16 -1.22 0.00	28.30 -2.29 0.00	30.92 -2.69 0.00	25.41 -2.30 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.24 -2.31 0.00	25.50 -2.83 0.00	28.93 -3.18 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
PACKARD__115KV_DUPONT_184 80571	21.40 -0.87 0.00	19.54 -0.86 0.00	18.74 -0.80 0.00	18.51 -0.85 0.00	19.35 -0.98 0.00	23.16 -1.22 0.00	28.30 -2.29 0.00	30.92 -2.69 0.00	25.41 -2.30 0.00	20.75 -1.44 0.00	19.11 -1.05 0.00	17.72 -1.05 0.00	17.55 -1.14 0.00	16.97 -1.06 0.00	16.93 -1.25 0.00	18.23 -1.25 0.00	19.48 -1.67 0.00	22.24 -2.31 0.00	25.50 -2.83 0.00	28.93 -3.18 0.00	32.91 -3.74 0.00	26.58 -2.44 0.00	23.23 -1.86 0.00	21.44 -0.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.79 1.41 0.00	32.77 2.17 0.00	36.11 2.49 -0.02	29.60 1.88 0.00	23.74 1.53 -0.02	21.60 1.43 -0.01	20.19 1.41 -0.01	20.09 1.38 -0.01	19.42 1.37 -0.01	19.61 1.42 -0.01	20.94 1.46 -0.01	22.80 1.63 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.69 2.57 -0.02	39.52 2.86 -0.02	30.93 1.92 0.00	26.54 1.45 0.00	23.23 1.21 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.76 1.49 0.00	21.74 1.35 0.00	20.81 1.27 0.00	20.60 1.24 0.00	21.73 1.40 0.00	25.86 1.49 0.00	32.83 2.23 0.00	36.14 2.52 -0.02	29.62 1.91 0.00	23.74 1.53 -0.02	21.60 1.43 -0.01	20.19 1.41 -0.01	20.11 1.40 -0.01	19.42 1.37 -0.01	19.61 1.42 -0.01	20.94 1.46 -0.01	22.80 1.63 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.72 2.60 -0.02	39.63 2.97 -0.02	31.05 2.03 0.00	26.66 1.58 0.00	23.36 1.34 0.00
PATROON__115KV_TB1 80586	22.36 0.09 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.59 0.23 0.00	20.55 0.22 0.00	24.57 0.19 0.00	31.18 0.58 0.00	34.25 0.64 0.00	28.10 0.39 0.00	22.37 0.18 0.00	20.38 0.22 0.00	19.00 0.23 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.42 0.24 0.00	19.71 0.23 0.00	21.41 0.25 0.00	24.79 0.25 0.00	28.73 0.40 0.00	32.78 0.67 0.00	37.38 0.73 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
PATTRSNVILLE__SOLAR 323815	23.09 0.82 0.00	21.19 0.79 0.00	20.26 0.72 0.00	20.11 0.75 0.00	21.14 0.81 0.00	25.37 1.00 0.00	32.07 1.47 0.00	35.19 1.58 0.00	28.79 1.08 0.00	22.91 0.71 0.00	20.77 0.60 0.00	19.33 0.56 0.00	19.27 0.58 0.00	18.58 0.54 0.00	18.78 0.60 0.00	20.10 0.62 0.00	21.85 0.70 0.00	25.38 0.84 0.00	29.50 1.16 0.00	33.65 1.54 0.00	38.44 1.80 0.00	30.41 1.39 0.00	26.03 0.95 0.00	22.83 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.44 0.18 0.00	20.43 0.04 0.00	19.62 0.08 0.00	19.38 0.02 0.00	20.27 -0.06 0.00	24.30 -0.07 0.00	29.80 -0.80 0.00	32.93 -0.67 0.00	26.94 -0.78 0.00	21.93 -0.27 0.00	20.18 0.02 0.00	18.66 -0.11 0.00	18.47 -0.22 0.00	17.89 -0.14 0.00	17.82 -0.36 0.00	19.18 -0.29 0.00	20.56 -0.59 0.00	23.44 -1.10 0.00	27.03 -1.30 0.00	30.60 -1.51 0.00	34.85 -1.80 0.00	28.21 -0.81 0.00	24.50 -0.58 0.00	22.37 0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.69 1.43 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.67 1.34 0.00	26.03 1.66 0.00	32.98 2.39 0.00	36.19 2.59 0.00	29.65 1.94 0.00	23.64 1.44 0.00	21.53 1.37 0.00	20.07 1.30 0.00	20.00 1.31 0.00	19.34 1.30 0.00	19.56 1.38 0.00	20.89 1.42 0.00	22.74 1.59 0.00	26.27 1.72 0.00	30.24 1.90 0.00	34.74 2.63 0.00	39.69 3.04 0.00	31.16 2.15 0.00	26.64 1.56 0.00	23.31 1.30 0.00
PEEKSKILL____ 23653	23.51 1.25 0.00	21.51 1.12 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.68 2.08 0.00	35.99 2.39 0.00	29.46 1.75 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.81 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.12 1.79 0.00	34.55 2.44 0.00	39.40 2.75 0.00	30.93 1.91 0.00	26.49 1.40 0.00	23.16 1.14 0.00
PGE MADISON__WINDPWR 24146	24.18 1.92 0.00	22.09 1.69 0.00	21.14 1.60 0.00	20.93 1.57 0.00	21.96 1.63 0.00	26.35 1.97 0.00	33.29 2.69 0.00	36.73 3.13 0.00	29.79 2.08 0.00	23.73 1.53 0.00	21.25 1.09 0.00	19.77 0.99 0.00	19.70 1.01 0.00	18.96 0.92 0.00	19.05 0.87 0.00	20.54 1.07 0.00	22.40 1.25 0.00	26.02 1.47 0.00	30.32 1.98 0.00	34.93 2.83 0.00	39.69 3.04 0.00	31.80 2.79 0.00	27.21 2.13 0.00	23.93 1.91 0.00
PIERCEFIELD__HYD 23852	21.00 -1.27 0.00	19.23 -1.16 0.00	18.44 -1.09 0.00	18.28 -1.08 0.00	19.15 -1.18 0.00	22.93 -1.44 0.01	24.62 -1.87 4.11	31.52 -2.08 0.01	26.08 -1.63 0.00	20.86 -1.33 0.00	18.93 -1.23 0.00	17.58 -1.18 0.01	17.53 -1.16 0.01	16.91 -1.12 0.01	17.07 -1.11 0.01	18.26 -1.21 0.01	19.88 -1.27 0.01	23.27 -1.28 0.00	26.89 -1.45 0.00	30.18 -1.93 0.00	34.56 -2.09 0.00	27.33 -1.68 0.00	23.83 -1.25 0.00	20.80 -1.21 0.00



PINELAWN_CC_1 323563	24.27 1.76 -0.25	22.08 1.59 -0.09	21.22 1.56 -0.12	21.01 1.53 -0.12	22.09 1.69 -0.07	26.35 1.95 -0.02	33.29 2.42 -0.27	36.20 2.59 0.00	30.21 2.33 -0.17	24.19 1.89 -0.11	22.23 1.77 -0.29	20.65 1.71 -0.17	20.51 1.68 -0.13	19.80 1.66 -0.10	19.98 1.71 -0.09	21.28 1.77 -0.04	23.16 1.90 -0.10	26.77 2.21 -0.01	30.92 2.35 -0.23	35.50 3.08 -0.31	40.12 3.33 -0.14	31.83 2.52 -0.28	27.13 1.96 -0.09	23.81 1.67 -0.12
PJM_GEN_HTP_PROXY 323702	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.98 2.39 0.00	36.34 2.72 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.51 -0.77	22.22 1.47 -1.99	22.35 1.46 -2.20	22.02 1.42 -2.56	21.81 1.47 -2.16	22.21 1.52 -1.22	22.84 1.67 -0.02	26.43 1.86 -0.02	30.39 2.04 -0.02	34.85 2.73 -0.02	39.70 3.04 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
PJM_GEN_KEystone 24065	22.80 0.53 0.00	20.84 0.45 0.00	19.99 0.45 0.00	19.78 0.43 0.00	20.78 0.45 0.00	24.91 0.54 0.00	31.06 0.46 0.00	34.28 0.67 0.00	28.07 0.36 0.00	22.62 0.42 0.00	20.70 0.48 -0.05	19.36 0.45 -0.14	19.26 0.41 -0.16	18.63 0.42 -0.18	18.70 0.36 -0.15	19.97 0.41 -0.09	21.49 0.34 0.00	24.74 0.20 0.00	28.51 0.17 0.00	32.46 0.35 0.00	36.94 0.29 0.00	29.45 0.44 0.00	25.38 0.30 0.00	22.59 0.57 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.73 1.45 -0.01	21.73 1.32 -0.01	20.85 1.31 -0.01	20.65 1.28 -0.01	21.77 1.42 -0.01	26.00 1.61 -0.02	32.65 2.05 0.00	35.79 2.18 0.00	29.74 2.02 -0.01	23.87 1.67 -0.01	21.72 1.55 -0.01	20.28 1.50 -0.01	20.17 1.48 -0.01	19.51 1.46 -0.01	19.70 1.51 -0.01	21.02 1.54 -0.01	22.80 1.63 -0.02	26.42 1.86 -0.01	30.32 1.98 0.00	34.74 2.63 0.00	39.51 2.86 0.00	31.14 2.12 -0.01	26.72 1.63 -0.01	23.41 1.39 -0.01
PJM_GEN_VFT_PROXY 323633	23.62 1.36 0.00	21.58 1.18 0.00	20.69 1.15 0.00	20.50 1.14 0.00	21.63 1.30 0.00	25.91 1.54 0.00	32.86 2.26 0.00	36.25 2.62 -0.02	29.62 1.91 0.00	23.74 1.53 -0.02	22.40 1.45 -0.78	22.19 1.41 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.17 1.46 -1.23	22.77 1.61 -0.02	26.35 1.79 -0.02	30.31 1.95 -0.02	34.76 2.63 -0.02	39.56 2.89 -0.02	30.99 1.97 0.00	26.56 1.48 0.00	23.23 1.21 0.00
PLATSBURG_115KV_PMLD1 355749	21.46 -0.80 0.00	19.56 -0.84 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.37 -0.96 0.00	23.12 -1.24 0.01	24.00 -1.50 5.10	31.89 -1.71 0.01	26.27 -1.44 0.00	21.15 -1.04 0.00	19.34 -0.83 0.00	17.88 -0.88 0.01	17.73 -0.95 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.37 -1.09 0.01	20.06 -0.71 0.01	23.84 -0.71 0.00	27.54 -0.79 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.03 -0.99 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00
PLEASANTVLY__LBMP 24000	23.27 1.00 0.00	21.33 0.94 0.00	20.46 0.92 0.00	20.27 0.91 0.00	21.33 1.00 0.00	25.54 1.17 0.00	32.40 1.81 0.00	35.62 2.02 0.00	29.15 1.44 0.00	23.31 1.11 0.00	21.23 1.07 0.00	19.82 1.05 0.00	19.72 1.03 0.00	19.05 1.01 0.00	19.24 1.05 0.00	20.54 1.07 0.00	22.34 1.18 0.00	25.87 1.33 0.00	29.81 1.47 0.00	34.19 2.09 0.00	38.92 2.27 0.00	30.64 1.62 0.00	26.21 1.13 0.00	22.94 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.71 2.11 0.00	36.03 2.42 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.82 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.58 2.47 0.00	39.40 2.75 0.00	30.93 1.92 0.00	26.49 1.40 0.00	23.16 1.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.71 2.11 0.00	36.03 2.42 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.47 1.31 0.00	20.05 1.28 0.00	19.96 1.27 0.00	19.30 1.26 0.00	19.49 1.31 0.00	20.82 1.34 0.00	22.63 1.48 0.00	26.19 1.64 0.00	30.15 1.81 0.00	34.58 2.47 0.00	39.40 2.75 0.00	30.93 1.92 0.00	26.49 1.40 0.00	23.16 1.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.78 1.51 0.00	21.76 1.37 0.00	20.85 1.31 0.00	20.68 1.32 0.00	21.75 1.42 0.00	26.08 1.71 0.00	33.07 2.48 0.00	36.19 2.59 0.00	29.57 1.86 0.00	23.57 1.38 0.00	21.41 1.25 0.00	19.94 1.16 0.00	19.89 1.20 0.00	19.21 1.17 0.00	19.44 1.25 0.00	20.76 1.29 0.00	22.63 1.48 0.00	26.22 1.67 0.00	30.18 1.84 0.00	34.64 2.54 0.00	39.51 2.86 0.00	31.11 2.09 0.00	26.64 1.56 0.00	23.34 1.32 0.00
POLETTI____ 23519	23.67 1.40 0.00	21.66 1.26 0.00	20.73 1.19 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.93 1.56 0.00	32.89 2.29 0.00	36.24 2.62 -0.02	29.68 1.97 0.00	23.76 1.55 -0.02	22.42 1.47 -0.78	22.21 1.43 -2.01	22.32 1.40 -2.23	22.02 1.39 -2.59	21.80 1.44 -2.18	22.19 1.48 -1.23	22.80 1.63 -0.02	26.38 1.82 -0.02	30.37 2.01 -0.02	34.79 2.66 -0.02	39.63 2.97 -0.02	31.02 2.00 0.00	26.61 1.53 0.00	23.27 1.25 0.00
POMONA____ESR 323819	23.49 1.22 0.00	21.49 1.10 0.00	20.59 1.05 0.00	20.40 1.04 0.00	21.49 1.16 0.00	25.74 1.36 0.00	32.56 1.96 0.00	35.86 2.25 0.00	29.32 1.61 0.00	23.50 1.31 0.00	21.39 1.23 0.00	19.95 1.18 0.00	19.87 1.18 0.00	19.19 1.16 0.00	19.40 1.22 0.00	20.72 1.25 0.00	22.53 1.37 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.35 2.25 0.00	39.14 2.49 0.00	30.85 1.83 0.00	26.41 1.33 0.00	23.12 1.10 0.00
PORT_JEFF_3 23555	30.44 1.87 -6.30	24.23 1.69 -2.15	24.23 1.66 -3.03	23.83 1.63 -2.84	23.66 1.79 -1.54	26.62 2.10 -0.15	40.37 2.51 -7.26	36.51 2.79 -0.12	34.40 2.47 -4.23	26.86 2.00 -2.67	29.53 1.88 -7.49	24.95 1.80 -4.37	23.78 1.79 -3.29	22.12 1.77 -2.32	22.02 1.82 -2.02	22.20 1.87 -0.86	25.44 2.01 -2.27	26.92 2.36 -0.01	36.84 2.44 -6.06	43.60 3.15 -8.34	43.78 3.41 -3.72	39.04 2.64 -7.38	29.38 2.06 -2.24	26.86 1.78 -3.06
PORT_JEFF_4 23616	30.44 1.87 -6.30	24.23 1.69 -2.15	24.23 1.66 -3.03	23.83 1.63 -2.84	23.66 1.79 -1.54	26.62 2.10 -0.15	40.37 2.51 -7.26	36.51 2.79 -0.12	34.40 2.47 -4.23	26.86 2.00 -2.67	29.53 1.88 -7.49	24.95 1.80 -4.37	23.78 1.79 -3.29	22.12 1.77 -2.32	22.02 1.82 -2.02	22.20 1.87 -0.86	25.44 2.01 -2.27	26.92 2.36 -0.01	36.84 2.44 -6.06	43.60 3.15 -8.34	43.78 3.41 -3.72	39.04 2.64 -7.38	29.38 2.06 -2.24	26.86 1.78 -3.06
PORT_JEFF_IC 23713	30.73 1.89 -6.57	24.37 1.73 -2.24	24.35 1.66 -3.16	23.97 1.65 -2.96	23.75 1.81 -1.61	26.65 2.12 -0.15	40.68 2.51 -7.57	36.55 2.82 -0.12	34.60 2.49 -4.40	26.99 2.02 -2.77	29.86 1.90 -7.80	25.14 1.82 -4.55	23.93 1.81 -3.42	22.23 1.79 -2.40	22.09 1.82 -2.09	22.25 1.89 -0.89	25.55 2.03 -2.37	26.97 2.41 -0.01	37.18 2.52 -6.32	43.92 3.11 -8.70	43.90 3.37 -3.88	39.38 2.67 -7.69	29.49 2.08 -2.33	26.98 1.78 -3.18



PPL PILGRIM_ST_GT1 24216	24.64 1.87 -0.50	22.26 1.69 -0.18	21.42 1.64 -0.24	21.22 1.63 -0.23	22.25 1.79 -0.13	26.50 2.10 -0.03	33.73 2.57 -0.56	36.40 2.79 -0.01	30.54 2.50 -0.34	24.41 2.00 -0.21	22.63 1.88 -0.59	20.92 1.80 -0.35	20.73 1.78 -0.26	19.98 1.75 -0.19	20.15 1.80 -0.17	21.42 1.87 -0.07	23.36 2.01 -0.20	26.92 2.36 -0.01	31.33 2.52 -0.47	36.00 3.24 -0.65	40.49 3.55 -0.29	32.30 2.70 -0.58	27.34 2.08 -0.18	24.04 1.78 -0.25
PPL PILGRIM_ST_GT2 24217	24.64 1.87 -0.50	22.26 1.69 -0.18	21.42 1.64 -0.24	21.22 1.63 -0.23	22.25 1.79 -0.13	26.50 2.10 -0.03	33.73 2.57 -0.56	36.40 2.79 -0.01	30.54 2.50 -0.34	24.41 2.00 -0.21	22.63 1.88 -0.59	20.92 1.80 -0.35	20.73 1.78 -0.26	19.98 1.75 -0.19	20.15 1.80 -0.17	21.42 1.87 -0.07	23.36 2.01 -0.20	26.92 2.36 -0.01	31.33 2.52 -0.47	36.00 3.24 -0.65	40.49 3.55 -0.29	32.30 2.70 -0.58	27.34 2.08 -0.18	24.04 1.78 -0.25
PPL_SHRM_GT3 24213	30.20 1.74 -6.20	24.12 1.61 -2.11	24.10 1.58 -2.98	23.70 1.55 -2.79	23.55 1.71 -1.52	26.49 1.97 -0.14	40.06 2.32 -7.14	36.38 2.65 -0.11	34.19 2.33 -4.15	26.81 2.00 -2.62	29.36 1.83 -7.36	24.83 1.76 -4.30	23.68 1.76 -3.24	22.05 1.73 -2.28	21.93 1.76 -1.98	22.13 1.81 -0.84	25.29 1.90 -2.23	26.79 2.23 -0.01	36.73 2.44 -5.96	43.42 3.11 -8.20	43.64 3.33 -3.66	38.80 2.52 -7.26	29.29 2.01 -2.21	26.79 1.76 -3.01
PPL_SHRM_GT4 24214	30.20 1.74 -6.20	24.12 1.61 -2.11	24.10 1.58 -2.98	23.70 1.55 -2.79	23.55 1.71 -1.52	26.49 1.97 -0.14	40.06 2.32 -7.14	36.38 2.65 -0.11	34.19 2.33 -4.15	26.81 2.00 -2.62	29.36 1.83 -7.36	24.83 1.76 -4.30	23.68 1.76 -3.24	22.05 1.73 -2.28	21.93 1.76 -1.98	22.13 1.81 -0.84	25.29 1.90 -2.23	26.79 2.23 -0.01	36.73 2.44 -5.96	43.42 3.11 -8.20	43.64 3.33 -3.66	38.80 2.52 -7.26	29.29 2.01 -2.21	26.79 1.76 -3.01
PROJECT___ORANGE 1 24174	22.22 -0.04 0.00	20.35 -0.04 0.00	19.48 -0.06 0.00	19.30 -0.06 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	33.88 0.27 0.00	27.79 0.08 0.00	22.28 0.09 0.00	20.20 0.04 0.00	18.79 0.02 0.00	18.73 0.04 0.00	18.06 0.02 0.00	18.09 -0.09 0.00	19.51 0.04 0.00	21.15 0.00 0.00	24.52 -0.02 0.00	28.31 -0.03 0.00	32.20 0.10 0.00	36.80 0.15 0.00	29.16 0.15 0.00	25.11 0.03 0.00	22.10 0.09 0.00
PROJECT___ORANGE 2 24166	22.22 -0.04 0.00	20.35 -0.04 0.00	19.48 -0.06 0.00	19.30 -0.06 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	33.88 0.27 0.00	27.79 0.08 0.00	22.28 0.09 0.00	20.20 0.04 0.00	18.79 0.02 0.00	18.73 0.04 0.00	18.06 0.02 0.00	18.09 -0.09 0.00	19.51 0.04 0.00	21.15 0.00 0.00	24.52 -0.02 0.00	28.31 -0.03 0.00	32.20 0.10 0.00	36.80 0.15 0.00	29.16 0.15 0.00	25.11 0.03 0.00	22.10 0.09 0.00
PUCKETT___SOLAR 323809	23.09 0.82 0.00	21.13 0.73 0.00	20.24 0.70 0.00	20.04 0.68 0.00	21.04 0.71 0.00	25.28 0.90 0.00	31.79 1.19 0.00	35.02 1.41 0.00	28.60 0.89 0.00	22.86 0.67 0.00	20.65 0.48 0.00	19.18 0.41 0.00	19.10 0.41 0.00	18.43 0.40 0.00	18.82 0.64 0.00	19.90 0.43 0.00	21.64 0.49 0.00	25.11 0.57 0.00	29.07 0.74 0.00	33.16 1.06 0.00	37.82 1.17 0.00	30.15 1.13 0.00	25.91 0.83 0.00	22.87 0.86 0.00
PYRITES___HYD 24023	21.46 -0.80 0.00	19.64 -0.75 0.00	18.85 -0.68 0.00	18.70 -0.66 0.00	19.60 -0.73 0.00	23.49 -0.88 0.01	25.21 -1.16 4.23	32.29 -1.31 0.01	26.71 -1.00 0.00	21.33 -0.87 0.00	19.36 -0.81 0.00	17.96 -0.81 0.01	17.90 -0.79 0.01	17.27 -0.76 0.01	17.45 -0.73 0.01	18.65 -0.82 0.01	20.26 -0.89 0.01	23.71 -0.83 0.00	27.46 -0.88 0.00	30.82 -1.28 0.00	35.29 -1.36 0.00	27.97 -1.04 0.00	24.35 -0.73 0.00	21.27 -0.75 0.00
QUAKERRD_115KV_BK1 80622	21.53 -0.73 0.00	19.64 -0.75 0.00	18.80 -0.74 0.00	18.58 -0.77 0.00	19.48 -0.85 0.00	23.45 -0.93 0.00	29.13 -1.47 0.00	32.16 -1.45 0.00	26.41 -1.30 0.00	21.37 -0.82 0.00	19.50 -0.67 0.00	18.08 -0.69 0.00	17.98 -0.71 0.00	17.33 -0.70 0.00	17.33 -0.85 0.00	18.67 -0.80 0.00	20.11 -1.04 0.00	23.15 -1.40 0.00	26.64 -1.70 0.00	30.28 -1.83 0.00	34.56 -2.09 0.00	27.60 -1.42 0.00	23.88 -1.20 0.00	21.51 -0.51 0.00
QUENSRY_115KV_TB8 356137	22.89 0.62 0.00	21.03 0.63 0.00	20.07 0.53 0.00	19.92 0.56 0.00	20.94 0.61 0.00	25.15 0.78 0.00	32.00 1.41 0.00	35.02 1.41 0.00	28.63 0.91 0.00	22.66 0.47 0.00	20.53 0.36 0.00	19.11 0.34 0.00	19.06 0.37 0.00	18.34 0.31 0.00	18.53 0.35 0.00	19.90 0.43 0.00	21.60 0.44 0.00	25.14 0.59 0.00	29.33 0.99 0.00	33.49 1.38 0.00	38.30 1.65 0.00	30.21 1.19 0.00	25.73 0.65 0.00	22.54 0.53 0.00
RAMAPO___LBMP 323565	23.40 1.14 0.00	21.43 1.04 0.00	20.53 1.00 0.00	20.35 0.99 0.00	21.43 1.10 0.00	25.67 1.29 0.00	32.43 1.84 0.00	35.76 2.15 0.00	29.24 1.52 0.00	23.42 1.22 0.00	21.33 1.17 0.00	19.90 1.13 0.00	19.81 1.12 0.00	19.14 1.10 0.00	19.33 1.15 0.00	20.64 1.17 0.00	22.44 1.29 0.00	25.97 1.42 0.00	29.90 1.56 0.00	34.23 2.12 0.00	38.99 2.35 0.00	30.73 1.71 0.00	26.31 1.23 0.00	23.05 1.03 0.00
RANKINE____ 23646	22.24 -0.02 0.00	20.27 -0.12 0.00	19.46 -0.08 0.00	19.20 -0.15 0.00	20.09 -0.24 0.00	24.08 -0.29 0.00	29.53 -1.07 0.00	32.50 -1.11 0.00	26.60 -1.11 0.00	21.66 -0.53 0.00	19.94 -0.22 0.00	18.45 -0.32 0.00	18.26 -0.43 0.00	17.68 -0.36 0.00	17.60 -0.58 0.00	18.97 -0.51 0.00	20.31 -0.85 0.00	23.17 -1.37 0.00	26.67 -1.67 0.00	30.24 -1.86 0.00	34.45 -2.20 0.00	27.83 -1.19 0.00	24.23 -0.85 0.00	22.19 0.18 0.00
RAVENSWOOD_GT2_1 24244	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT2_2 24245	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT2_3 24246	23.69 1.43 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.84 1.67 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00



RAVENSWOOD_GT2_4 24247	23.69 1.43 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.84 1.67 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT3_1 24248	23.69 1.43 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.84 1.67 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT3_2 24249	23.69 1.43 0.00	21.68 1.28 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.84 1.67 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT3_3 24250	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.95 2.36 0.00	36.35 2.72 -0.02	29.76 2.05 0.00	23.83 1.62 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.10 1.44 -2.62	21.88 1.49 -2.21	22.26 1.54 -1.25	22.86 1.69 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.66 1.58 0.00	23.31 1.30 0.00
RAVENSWOOD_GT3_4 24251	23.71 1.45 0.00	21.70 1.31 0.00	20.77 1.23 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.98 1.61 0.00	32.95 2.36 0.00	36.35 2.72 -0.02	29.76 2.05 0.00	23.83 1.62 -0.02	22.49 1.53 -0.79	22.28 1.48 -2.03	22.42 1.48 -2.25	22.10 1.44 -2.62	21.88 1.49 -2.21	22.26 1.54 -1.25	22.86 1.69 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.66 1.58 0.00	23.31 1.30 0.00
RAVENSWOOD_GT_1 23729	23.76 1.49 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.93 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.66 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.51 2.15 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
RAVENSWOOD_GT_10 24258	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_11 24259	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_4 24252	23.67 1.40 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.68 1.97 0.00	23.79 1.58 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.36 1.42 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.20 1.48 -1.25	22.82 1.65 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_5 24254	23.67 1.40 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.68 1.97 0.00	23.79 1.58 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.36 1.42 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.20 1.48 -1.25	22.82 1.65 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_6 24253	23.67 1.40 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.68 1.97 0.00	23.79 1.58 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.36 1.42 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.20 1.48 -1.25	22.82 1.65 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_7 24255	23.67 1.40 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.54 1.18 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.68 1.97 0.00	23.79 1.58 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.36 1.42 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.20 1.48 -1.25	22.82 1.65 -0.02	26.40 1.84 -0.02	30.37 2.01 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD_GT_9 24257	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.67 1.34 0.00	25.96 1.58 0.00	32.92 2.33 0.00	36.28 2.65 -0.02	29.71 2.00 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.45 -2.21	22.22 1.50 -1.25	22.82 1.65 -0.02	26.43 1.87 -0.02	30.39 2.04 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD___1 23533	23.76 1.49 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.94 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00



RAVENSWOOD___2 23534	23.76 1.49 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.94 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
RAVENSWOOD___3 23535	23.69 1.43 0.00	21.66 1.26 0.00	20.75 1.21 0.00	20.56 1.20 0.00	21.69 1.36 0.00	25.96 1.58 0.00	32.92 2.32 0.00	36.28 2.65 -0.02	29.68 1.97 0.00	23.81 1.60 -0.02	22.45 1.49 -0.79	22.25 1.45 -2.03	22.38 1.44 -2.25	22.06 1.41 -2.62	21.84 1.46 -2.21	22.22 1.50 -1.25	22.84 1.67 -0.02	26.43 1.86 -0.02	30.37 2.01 -0.02	34.82 2.70 -0.02	39.67 3.01 -0.02	31.08 2.06 0.00	26.64 1.56 0.00	23.29 1.28 0.00
RAVENSWOOD___4 23820	23.76 1.49 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.94 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.67 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.48 2.13 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
RCPI_TRUST___DRP 24196	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.73 1.40 0.00	26.03 1.66 0.00	33.01 2.42 0.00	36.41 2.79 -0.02	29.79 2.08 0.00	23.85 1.64 -0.02	22.49 1.55 -0.78	22.26 1.50 -1.99	22.39 1.50 -2.20	22.06 1.46 -2.56	21.85 1.51 -2.16	22.25 1.56 -1.22	22.88 1.71 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.92 2.79 -0.02	39.78 3.12 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
RED___ROCHESTER 323720	22.16 -0.11 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.24 -0.47 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.74 -0.81 0.00	27.43 -0.91 0.00	31.05 -1.06 0.00	35.40 -1.25 0.00	28.26 -0.75 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
REGAN___SOLAR 323812	24.80 2.54 0.00	22.80 2.41 0.00	21.67 2.13 0.00	21.57 2.21 0.00	22.69 2.36 0.00	27.42 3.05 0.00	34.73 4.13 0.00	37.77 4.17 0.00	30.68 2.97 0.00	24.02 1.82 0.00	21.59 1.43 0.00	20.08 1.31 0.00	20.05 1.36 0.00	19.26 1.23 0.00	19.56 1.38 0.00	21.03 1.56 0.00	22.84 1.69 0.00	26.83 2.28 0.00	31.68 3.34 0.00	36.15 4.05 0.00	41.56 4.91 0.00	32.93 3.92 0.00	27.96 2.88 0.00	24.55 2.53 0.00
RENSSELAER___COGEN 23796	22.36 0.09 0.00	20.58 0.18 0.00	19.73 0.20 0.00	19.57 0.21 0.00	20.53 0.20 0.00	24.57 0.19 0.00	31.15 0.55 0.00	34.21 0.61 0.00	28.05 0.33 0.00	22.35 0.16 0.00	20.36 0.20 0.00	19.00 0.23 0.00	18.90 0.21 0.00	18.22 0.18 0.00	18.42 0.24 0.00	19.69 0.21 0.00	21.38 0.23 0.00	24.77 0.22 0.00	28.68 0.34 0.00	32.75 0.64 0.00	37.34 0.69 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.54 1.27 0.00	21.64 1.24 0.00	20.57 1.04 0.00	20.48 1.12 0.00	21.51 1.18 0.00	25.91 1.54 0.00	33.07 2.48 0.00	36.09 2.49 0.00	29.40 1.69 0.00	23.08 0.89 0.00	20.83 0.67 0.00	19.41 0.64 0.00	19.36 0.67 0.00	18.56 0.52 0.00	18.78 0.60 0.00	20.21 0.74 0.00	21.91 0.76 0.00	25.58 1.03 0.00	30.04 1.70 0.00	34.35 2.25 0.00	39.40 2.75 0.00	31.05 2.03 0.00	26.36 1.28 0.00	23.14 1.12 0.00
REVERE_CPPR_DRP 24186	23.07 0.80 0.00	21.07 0.67 0.00	20.24 0.70 0.00	20.06 0.70 0.00	21.06 0.73 0.00	25.28 0.90 0.00	31.79 1.35 0.15	35.19 1.58 0.00	28.79 1.08 0.00	22.99 0.80 0.00	20.73 0.56 0.00	19.30 0.53 0.00	19.25 0.56 0.00	18.54 0.51 0.00	18.65 0.47 0.00	20.02 0.55 0.00	21.83 0.68 0.00	25.36 0.81 0.00	29.44 1.11 0.00	33.71 1.61 0.00	38.41 1.76 0.00	30.58 1.57 0.00	26.21 1.13 0.00	22.94 0.92 0.00
REYNOLDS_115KV_TB3 80639	22.60 0.33 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.81 0.44 0.00	31.45 0.86 0.00	34.55 0.94 0.00	28.32 0.61 0.00	22.57 0.38 0.00	20.55 0.38 0.00	19.17 0.39 0.00	19.06 0.37 0.00	18.40 0.36 0.00	18.58 0.40 0.00	19.86 0.39 0.00	21.60 0.44 0.00	25.04 0.49 0.00	28.96 0.62 0.00	33.10 1.00 0.00	37.71 1.06 0.00	29.77 0.75 0.00	25.48 0.40 0.00	22.32 0.31 0.00
RIVERBAY____ 323610	23.76 1.49 0.00	21.74 1.35 0.00	20.81 1.27 0.00	20.60 1.24 0.00	21.73 1.40 0.00	25.86 1.49 0.00	32.83 2.23 0.00	36.14 2.52 -0.02	29.62 1.91 0.00	23.74 1.53 -0.02	21.60 1.43 -0.01	20.19 1.41 -0.01	20.11 1.40 -0.01	19.42 1.37 -0.01	19.61 1.42 -0.01	20.94 1.46 -0.01	22.80 1.63 -0.02	26.38 1.82 -0.02	30.34 1.98 -0.02	34.72 2.60 -0.02	39.63 2.97 -0.02	31.05 2.03 0.00	26.66 1.58 0.00	23.36 1.34 0.00
RIVERSDE_115KV_TB3 55908	22.40 0.13 0.00	20.62 0.22 0.00	19.75 0.21 0.00	19.61 0.25 0.00	20.57 0.24 0.00	24.62 0.24 0.00	31.21 0.61 0.00	34.28 0.67 0.00	28.10 0.39 0.00	22.42 0.22 0.00	20.40 0.24 0.00	19.03 0.26 0.00	18.93 0.24 0.00	18.25 0.22 0.00	18.45 0.27 0.00	19.73 0.25 0.00	21.43 0.27 0.00	24.84 0.29 0.00	28.76 0.43 0.00	32.81 0.71 0.00	37.42 0.77 0.00	29.54 0.52 0.00	25.28 0.20 0.00	22.13 0.11 0.00
ROARING___BROOK_WT_PWR 323790	21.58 -0.69 0.00	19.70 -0.69 0.00	18.84 -0.70 0.00	18.64 -0.72 0.00	19.54 -0.79 0.00	23.39 -0.98 0.01	20.53 -1.28 8.78	32.18 -1.41 0.01	26.69 -1.02 0.00	21.42 -0.78 0.00	19.44 -0.73 0.00	18.04 -0.71 0.01	17.95 -0.73 0.01	17.32 -0.70 0.01	17.46 -0.71 0.01	18.70 -0.76 0.01	20.36 -0.78 0.01	23.76 -0.79 0.00	27.52 -0.82 0.00	31.14 -0.96 0.00	35.62 -1.03 0.00	28.21 -0.81 0.00	24.43 -0.65 0.00	21.40 -0.62 0.00
ROCHESRG_115KV_T4 355643	21.95 -0.31 0.00	20.03 -0.37 0.00	19.19 -0.35 0.00	18.95 -0.41 0.00	19.86 -0.47 0.00	23.89 -0.49 0.00	29.56 -1.04 0.00	32.57 -1.04 0.00	26.77 -0.94 0.00	21.71 -0.49 0.00	19.84 -0.32 0.00	18.40 -0.38 0.00	18.28 -0.41 0.00	17.62 -0.41 0.00	17.62 -0.56 0.00	18.97 -0.51 0.00	20.41 -0.74 0.00	23.44 -1.10 0.00	26.98 -1.36 0.00	30.66 -1.44 0.00	34.96 -1.69 0.00	27.97 -1.04 0.00	24.25 -0.83 0.00	21.95 -0.07 0.00
ROCHESTER_9_IC 23652	22.07 -0.20 0.00	20.11 -0.29 0.00	19.26 -0.27 0.00	19.03 -0.33 0.00	19.94 -0.39 0.00	24.01 -0.37 0.00	29.71 -0.89 0.00	32.80 -0.81 0.00	26.94 -0.78 0.00	21.84 -0.36 0.00	19.96 -0.20 0.00	18.49 -0.28 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.52 -0.63 0.00	23.59 -0.96 0.00	27.12 -1.22 0.00	30.85 -1.25 0.00	35.18 -1.47 0.00	28.15 -0.87 0.00	24.38 -0.70 0.00	22.06 0.04 0.00



ROCKVIEW_13_KV_LD 356306	23.65 1.38 0.00	21.64 1.24 0.00	20.73 1.19 0.00	20.54 1.18 0.00	21.63 1.30 0.00	25.93 1.56 0.00	32.86 2.26 0.00	36.23 2.62 0.00	29.65 1.94 0.00	23.75 1.55 0.00	21.63 1.47 0.00	20.20 1.43 0.00	20.11 1.42 0.00	19.43 1.39 0.00	19.62 1.44 0.00	20.95 1.48 0.00	22.78 1.63 0.00	26.39 1.84 0.00	30.35 2.01 0.00	34.80 2.70 0.00	39.65 3.01 0.00	31.11 2.09 0.00	26.64 1.56 0.00	23.27 1.25 0.00
ROME____115KV_TB2 80656	23.07 0.80 0.00	21.07 0.67 0.00	20.24 0.70 0.00	20.06 0.70 0.00	21.06 0.73 0.00	25.28 0.90 0.00	31.79 1.35 0.15	35.19 1.58 0.00	28.79 1.08 0.00	22.99 0.80 0.00	20.73 0.56 0.00	19.30 0.53 0.00	19.25 0.56 0.00	18.54 0.51 0.00	18.65 0.47 0.00	20.02 0.55 0.00	21.83 0.68 0.00	25.36 0.81 0.00	29.44 1.11 0.00	33.71 1.61 0.00	38.41 1.76 0.00	30.58 1.57 0.00	26.21 1.13 0.00	22.94 0.92 0.00
ROSETON___1 23587	23.29 1.02 0.00	21.33 0.94 0.00	20.46 0.92 0.00	20.27 0.91 0.00	21.33 1.00 0.00	25.54 1.17 0.00	32.37 1.77 0.00	35.62 2.02 0.00	29.12 1.41 0.00	23.30 1.11 0.00	21.21 1.05 0.00	19.80 1.03 0.00	19.72 1.03 0.00	19.05 1.01 0.00	19.24 1.05 0.00	20.54 1.07 0.00	22.34 1.18 0.00	25.87 1.32 0.00	29.78 1.44 0.00	34.13 2.02 0.00	38.88 2.24 0.00	30.64 1.62 0.00	26.21 1.13 0.00	22.94 0.92 0.00
ROSETON___2 23588	23.29 1.02 0.00	21.33 0.94 0.00	20.46 0.92 0.00	20.27 0.91 0.00	21.33 1.00 0.00	25.54 1.17 0.00	32.37 1.77 0.00	35.62 2.02 0.00	29.12 1.41 0.00	23.30 1.11 0.00	21.21 1.05 0.00	19.80 1.03 0.00	19.72 1.03 0.00	19.05 1.01 0.00	19.24 1.05 0.00	20.54 1.07 0.00	22.34 1.18 0.00	25.87 1.32 0.00	29.78 1.44 0.00	34.13 2.02 0.00	38.88 2.24 0.00	30.64 1.62 0.00	26.21 1.13 0.00	22.94 0.92 0.00
ROTTDAM_115KV_TB3 80664	22.78 0.51 0.00	20.88 0.49 0.00	19.99 0.45 0.00	19.82 0.46 0.00	20.84 0.51 0.00	24.98 0.61 0.00	31.58 0.98 0.00	34.65 1.04 0.00	28.43 0.72 0.00	22.68 0.49 0.00	20.59 0.42 0.00	19.18 0.41 0.00	19.10 0.41 0.00	18.43 0.40 0.00	18.62 0.44 0.00	19.92 0.45 0.00	21.64 0.49 0.00	25.14 0.59 0.00	29.10 0.77 0.00	33.17 1.06 0.00	37.86 1.21 0.00	29.92 0.90 0.00	25.66 0.58 0.00	22.50 0.48 0.00
RUSSELL___1 23602	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
RUSSELL___2 23532	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
RUSSELL___3 23549	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
RUSSELL___4 23556	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
RUSSELL___STATION 23914	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
S SALMON___HYD 24043	21.93 -0.33 0.00	20.07 -0.33 0.00	19.22 -0.31 0.00	19.05 -0.31 0.00	20.00 -0.33 0.00	24.03 -0.34 0.00	29.88 -0.34 0.38	33.27 -0.34 0.00	27.27 -0.44 0.00	21.84 -0.36 0.00	19.76 -0.40 0.00	18.38 -0.40 0.00	18.30 -0.39 0.00	17.64 -0.40 0.00	17.73 -0.45 0.00	19.08 -0.39 0.00	20.71 -0.45 0.00	24.08 -0.47 0.00	27.88 -0.45 0.00	31.79 -0.32 0.00	36.39 -0.25 0.00	28.87 -0.14 0.00	24.81 -0.28 0.00	21.75 -0.26 0.00
S.PERRY__115KV_TB1 80734	23.89 1.63 0.00	21.70 1.31 0.00	20.73 1.19 0.00	20.46 1.10 0.00	21.45 1.12 0.00	26.06 1.68 0.00	32.49 1.90 0.00	35.79 2.18 0.00	28.65 0.94 0.00	22.88 0.69 0.00	20.69 0.52 0.00	19.09 0.32 0.00	18.93 0.24 0.00	18.22 0.18 0.00	18.13 -0.05 0.00	19.30 -0.18 0.00	20.81 -0.34 0.00	24.03 -0.52 0.00	27.88 -0.45 0.00	31.85 -0.26 0.00	36.50 -0.15 0.00	29.16 0.15 0.00	25.21 0.13 0.00	22.74 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.00 -0.27 0.00	20.05 -0.35 0.00	19.24 -0.29 0.00	18.99 -0.37 0.00	19.86 -0.47 0.00	23.79 -0.58 0.00	29.13 -1.47 0.00	31.99 -1.61 0.00	26.24 -1.47 0.00	21.40 -0.80 0.00	19.70 -0.46 0.00	18.23 -0.54 0.00	18.06 -0.64 0.00	17.46 -0.58 0.00	17.40 -0.78 0.00	18.75 -0.72 0.00	20.07 -1.08 0.00	22.90 -1.64 0.00	26.33 -2.01 0.00	29.86 -2.25 0.00	33.97 -2.68 0.00	27.45 -1.57 0.00	23.93 -1.15 0.00	21.97 -0.04 0.00
SAWYER___23_KV_LOAD 55526	22.00 -0.27 0.00	20.05 -0.35 0.00	19.24 -0.29 0.00	18.99 -0.37 0.00	19.86 -0.47 0.00	23.79 -0.58 0.00	29.13 -1.47 0.00	31.99 -1.61 0.00	26.24 -1.47 0.00	21.40 -0.80 0.00	19.70 -0.46 0.00	18.23 -0.54 0.00	18.06 -0.64 0.00	17.46 -0.58 0.00	17.40 -0.78 0.00	18.75 -0.72 0.00	20.07 -1.08 0.00	22.90 -1.64 0.00	26.33 -2.01 0.00	29.86 -2.25 0.00	33.97 -2.68 0.00	27.45 -1.57 0.00	23.93 -1.15 0.00	21.97 -0.04 0.00
SELKIRK___I 23801	22.60 0.33 0.00	20.78 0.39 0.00	19.91 0.37 0.00	19.75 0.39 0.00	20.74 0.41 0.00	24.81 0.44 0.00	31.36 0.77 0.00	34.41 0.81 0.00	28.15 0.44 0.00	22.39 0.20 0.00	20.32 0.16 0.00	18.94 0.17 0.00	18.84 0.15 0.00	18.18 0.14 0.00	18.38 0.20 0.00	19.69 0.21 0.00	21.43 0.27 0.00	24.89 0.34 0.00	28.85 0.51 0.00	32.91 0.80 0.00	37.57 0.92 0.00	29.69 0.67 0.00	25.46 0.38 0.00	22.32 0.31 0.00



SELKIRK___II 23799	22.53 0.27 0.00	20.70 0.31 0.00	19.83 0.29 0.00	19.67 0.31 0.00	20.65 0.32 0.00	24.72 0.34 0.00	31.30 0.70 0.00	34.38 0.77 0.00	28.15 0.44 0.00	22.48 0.29 0.00	20.45 0.28 0.00	19.07 0.30 0.00	18.97 0.28 0.00	18.31 0.27 0.00	18.49 0.31 0.00	19.78 0.31 0.00	21.49 0.34 0.00	24.92 0.37 0.00	28.82 0.48 0.00	32.88 0.77 0.00	37.49 0.84 0.00	29.63 0.61 0.00	25.38 0.30 0.00	22.24 0.22 0.00
SENECA OSWGO___HYD 24041	21.91 -0.36 0.00	20.07 -0.33 0.00	19.21 -0.33 0.00	19.03 -0.33 0.00	19.98 -0.35 0.00	24.01 -0.36 0.00	30.26 -0.34 0.00	33.27 -0.34 0.00	27.35 -0.36 0.00	21.88 -0.31 0.00	19.84 -0.32 0.00	18.45 -0.32 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.80 -0.38 0.00	19.16 -0.31 0.00	20.79 -0.36 0.00	24.13 -0.42 0.00	27.88 -0.45 0.00	31.72 -0.38 0.00	36.25 -0.40 0.00	28.73 -0.29 0.00	24.73 -0.35 0.00	21.73 -0.29 0.00
SENECA___115KV_TB3 355854	22.27 0.00 0.00	20.29 -0.10 0.00	19.48 -0.06 0.00	19.24 -0.12 0.00	20.13 -0.20 0.00	24.11 -0.27 0.00	29.56 -1.04 0.00	32.53 -1.08 0.00	26.66 -1.05 0.00	21.71 -0.49 0.00	19.98 -0.18 0.00	18.49 -0.28 0.00	18.30 -0.39 0.00	17.71 -0.32 0.00	17.64 -0.55 0.00	18.99 -0.49 0.00	20.33 -0.82 0.00	23.20 -1.35 0.00	26.72 -1.62 0.00	30.28 -1.83 0.00	34.49 -2.16 0.00	27.89 -1.13 0.00	24.25 -0.83 0.00	22.24 0.22 0.00
SENECA___ENERGY 23797	22.24 -0.02 0.00	20.31 -0.08 0.00	19.44 -0.10 0.00	19.24 -0.12 0.00	20.21 -0.12 0.00	24.35 -0.02 0.00	30.57 -0.03 0.00	34.14 0.54 0.00	28.07 0.36 0.00	22.51 0.31 0.00	20.39 0.22 0.00	18.90 0.13 0.00	18.82 0.13 0.00	18.16 0.13 0.00	18.13 -0.05 0.00	19.57 0.10 0.00	21.17 0.02 0.00	24.50 -0.05 0.00	28.37 0.03 0.00	32.24 0.13 0.00	36.76 0.11 0.00	29.31 0.29 0.00	25.26 0.18 0.00	22.43 0.42 0.00
SHOEMAKER___GT 23640	23.27 1.00 0.00	21.31 0.92 0.00	20.42 0.88 0.00	20.25 0.89 0.00	21.31 0.98 0.00	25.50 1.12 0.00	32.22 1.62 0.00	35.42 1.81 0.00	28.99 1.28 0.00	23.20 1.00 0.00	21.09 0.93 0.00	19.67 0.90 0.00	19.59 0.90 0.00	18.92 0.88 0.00	19.13 0.94 0.00	20.43 0.95 0.00	22.21 1.06 0.00	25.73 1.18 0.00	29.61 1.28 0.00	33.90 1.80 0.00	38.66 2.01 0.00	30.50 1.48 0.00	26.16 1.08 0.00	22.92 0.90 0.00
SHOEMAKR_138KV_BK 111 55601	23.27 1.00 0.00	21.31 0.92 0.00	20.42 0.88 0.00	20.23 0.87 0.00	21.31 0.98 0.00	25.50 1.12 0.00	32.22 1.62 0.00	35.46 1.85 0.00	29.01 1.30 0.00	23.22 1.02 0.00	21.11 0.95 0.00	19.69 0.92 0.00	19.61 0.92 0.00	18.94 0.90 0.00	19.14 0.96 0.00	20.43 0.95 0.00	22.23 1.08 0.00	25.75 1.20 0.00	29.64 1.30 0.00	33.94 1.83 0.00	38.66 2.02 0.00	30.50 1.48 0.00	26.16 1.08 0.00	22.92 0.90 0.00
SHOREHAM_IC_1 23715	30.20 1.74 -6.20	24.12 1.61 -2.11	24.10 1.58 -2.98	23.70 1.55 -2.79	23.55 1.71 -1.52	26.49 1.97 -0.14	40.06 2.32 -7.14	36.38 2.65 -0.11	34.19 2.33 -4.15	26.81 2.00 -2.62	29.36 1.83 -7.36	24.83 1.76 -4.30	23.68 1.76 -3.24	22.05 1.73 -2.28	21.93 1.76 -1.98	22.13 1.81 -0.84	25.29 1.90 -2.23	26.79 2.23 -0.01	36.73 2.44 -5.96	43.42 3.11 -8.20	43.64 3.33 -3.66	38.80 2.52 -7.26	29.29 2.01 -2.21	26.79 1.76 -3.01
SHOREHAM_IC_2 23716	30.20 1.74 -6.20	24.12 1.61 -2.11	24.10 1.58 -2.98	23.70 1.55 -2.79	23.55 1.71 -1.52	26.49 1.97 -0.14	40.06 2.32 -7.14	36.38 2.65 -0.11	34.19 2.33 -4.15	26.81 2.00 -2.62	29.36 1.83 -7.36	24.83 1.76 -4.30	23.68 1.76 -3.24	22.05 1.73 -2.28	21.93 1.76 -1.98	22.13 1.81 -0.84	25.29 1.90 -2.23	26.79 2.23 -0.01	36.73 2.44 -5.96	43.42 3.11 -8.20	43.64 3.33 -3.66	38.80 2.52 -7.26	29.29 2.01 -2.21	26.79 1.76 -3.01
SISSONVILLE____ 23735	21.00 -1.27 0.00	19.23 -1.16 0.00	18.44 -1.09 0.00	18.28 -1.08 0.00	19.15 -1.18 0.00	22.93 -1.44 0.01	24.62 -1.87 4.11	31.52 -2.08 0.01	26.08 -1.63 0.00	20.86 -1.33 0.00	18.93 -1.23 0.00	17.58 -1.18 0.01	17.53 -1.16 0.01	16.91 -1.12 0.01	17.07 -1.11 0.01	18.26 -1.21 0.01	19.88 -1.27 0.01	23.27 -1.28 0.00	26.89 -1.45 0.00	30.18 -1.93 0.00	34.56 -2.09 0.00	27.33 -1.68 0.00	23.83 -1.25 0.00	20.80 -1.21 0.00
SITHE_IND_GS1 24169	21.78 -0.49 0.00	19.93 -0.47 0.00	19.09 -0.45 0.00	18.91 -0.44 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.95 -0.64 0.00	32.94 -0.67 0.00	27.08 -0.64 0.00	21.71 -0.49 0.00	19.70 -0.46 0.00	18.32 -0.45 0.00	18.24 -0.45 0.00	17.60 -0.43 0.00	17.69 -0.49 0.00	19.00 -0.47 0.00	20.62 -0.53 0.00	23.93 -0.61 0.00	27.63 -0.71 0.00	31.37 -0.74 0.00	35.81 -0.84 0.00	28.41 -0.61 0.00	24.48 -0.60 0.00	21.55 -0.46 0.00
SITHE_IND_GS2 24170	21.78 -0.49 0.00	19.93 -0.47 0.00	19.09 -0.45 0.00	18.91 -0.44 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.95 -0.64 0.00	32.94 -0.67 0.00	27.08 -0.64 0.00	21.71 -0.49 0.00	19.70 -0.46 0.00	18.32 -0.45 0.00	18.24 -0.45 0.00	17.60 -0.43 0.00	17.69 -0.49 0.00	19.00 -0.47 0.00	20.62 -0.53 0.00	23.93 -0.61 0.00	27.63 -0.71 0.00	31.37 -0.74 0.00	35.81 -0.84 0.00	28.41 -0.61 0.00	24.48 -0.60 0.00	21.55 -0.46 0.00
SITHE_IND_GS3 24171	21.78 -0.49 0.00	19.93 -0.47 0.00	19.09 -0.45 0.00	18.91 -0.44 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.95 -0.64 0.00	32.94 -0.67 0.00	27.08 -0.64 0.00	21.71 -0.49 0.00	19.70 -0.46 0.00	18.32 -0.45 0.00	18.24 -0.45 0.00	17.60 -0.43 0.00	17.69 -0.49 0.00	19.00 -0.47 0.00	20.62 -0.53 0.00	23.93 -0.61 0.00	27.63 -0.71 0.00	31.37 -0.74 0.00	35.81 -0.84 0.00	28.41 -0.61 0.00	24.48 -0.60 0.00	21.55 -0.46 0.00
SITHE_IND_GS4 24172	21.78 -0.49 0.00	19.93 -0.47 0.00	19.09 -0.45 0.00	18.91 -0.44 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.95 -0.64 0.00	32.94 -0.67 0.00	27.08 -0.64 0.00	21.71 -0.49 0.00	19.70 -0.46 0.00	18.32 -0.45 0.00	18.24 -0.45 0.00	17.60 -0.43 0.00	17.69 -0.49 0.00	19.00 -0.47 0.00	20.62 -0.53 0.00	23.93 -0.61 0.00	27.63 -0.71 0.00	31.37 -0.74 0.00	35.81 -0.84 0.00	28.41 -0.61 0.00	24.48 -0.60 0.00	21.55 -0.46 0.00
SITHE___BATAVIA 24024	22.27 0.00 0.00	20.25 -0.14 0.00	19.42 -0.12 0.00	19.17 -0.19 0.00	20.07 -0.26 0.00	24.20 -0.17 0.00	29.77 -0.82 0.00	32.84 -0.77 0.00	27.08 -0.64 0.00	21.84 -0.36 0.00	20.02 -0.14 0.00	18.49 -0.28 0.00	18.34 -0.36 0.00	17.71 -0.32 0.00	17.65 -0.53 0.00	19.03 -0.45 0.00	20.41 -0.74 0.00	23.44 -1.10 0.00	27.12 -1.22 0.00	30.66 -1.44 0.00	34.96 -1.69 0.00	28.06 -0.96 0.00	24.38 -0.70 0.00	22.26 0.24 0.00
SITHE___INDEPEND 23800	21.78 -0.49 0.00	19.92 -0.47 0.00	19.09 -0.45 0.00	18.91 -0.45 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.95 -0.64 0.00	32.93 -0.67 0.00	27.07 -0.64 0.00	21.71 -0.49 0.00	19.70 -0.46 0.00	18.32 -0.45 0.00	18.24 -0.45 0.00	17.60 -0.43 0.00	17.69 -0.49 0.00	19.00 -0.47 0.00	20.62 -0.53 0.00	23.91 -0.64 0.00	27.63 -0.71 0.00	31.37 -0.74 0.00	35.81 -0.84 0.00	28.41 -0.61 0.00	24.48 -0.60 0.00	21.55 -0.46 0.00



SITHE___MASSENA 23902	21.80 -0.47 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.86 -0.47 0.00	23.81 -0.56 0.01	24.75 -0.86 4.99	32.62 -0.98 0.01	27.05 -0.67 0.00	21.69 -0.51 0.00	19.70 -0.46 0.00	18.30 -0.47 0.01	18.23 -0.45 0.01	17.60 -0.43 0.01	17.77 -0.40 0.01	19.00 -0.47 0.01	20.64 -0.51 0.01	24.11 -0.44 0.00	27.80 -0.54 0.00	31.14 -0.96 0.00	35.66 -0.99 0.00	28.24 -0.78 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
SITHE___OGDNSBRG 24021	21.69 -0.58 0.00	19.86 -0.53 0.00	19.05 -0.49 0.00	18.89 -0.46 0.00	19.78 -0.55 0.00	23.73 -0.63 0.01	25.23 -0.92 4.45	32.56 -1.04 0.01	26.91 -0.80 0.00	21.51 -0.69 0.00	19.52 -0.65 0.00	18.11 -0.66 0.01	18.05 -0.64 0.01	17.42 -0.61 0.01	17.59 -0.58 0.01	18.82 -0.64 0.01	20.45 -0.70 0.01	23.93 -0.61 0.00	27.69 -0.65 0.00	31.08 -1.03 0.00	35.59 -1.06 0.00	28.18 -0.84 0.00	24.58 -0.50 0.00	21.47 -0.55 0.00
SITHE___STERLING 23777	23.00 0.73 0.00	21.07 0.67 0.00	20.18 0.64 0.00	20.00 0.64 0.00	21.02 0.69 0.00	25.23 0.85 0.00	31.88 1.28 0.00	35.08 1.48 0.00	28.74 1.03 0.00	22.97 0.78 0.00	20.73 0.56 0.00	19.30 0.52 0.00	19.23 0.54 0.00	18.54 0.50 0.00	18.65 0.47 0.00	20.02 0.54 0.00	21.81 0.66 0.00	25.31 0.76 0.00	29.36 1.02 0.00	33.55 1.45 0.00	38.26 1.61 0.00	30.41 1.39 0.00	26.09 1.00 0.00	22.85 0.84 0.00
SLEIGHT__34_KV_TB1 80719	21.91 -0.36 0.00	20.01 -0.39 0.00	19.15 -0.39 0.00	18.93 -0.43 0.00	19.86 -0.47 0.00	23.94 -0.44 0.00	29.89 -0.70 0.00	33.17 -0.44 0.00	27.24 -0.47 0.00	22.00 -0.20 0.00	20.00 -0.16 0.00	18.53 -0.24 0.00	18.45 -0.24 0.00	17.78 -0.25 0.00	17.76 -0.42 0.00	19.16 -0.31 0.00	20.66 -0.49 0.00	23.84 -0.71 0.00	27.46 -0.88 0.00	31.21 -0.90 0.00	35.66 -0.99 0.00	28.44 -0.58 0.00	24.55 -0.53 0.00	21.99 -0.02 0.00
SOUTH CAIRO___GT 23612	22.98 0.71 0.00	21.13 0.73 0.00	20.22 0.68 0.00	20.08 0.72 0.00	21.10 0.77 0.00	25.28 0.90 0.00	32.13 1.53 0.00	34.95 1.34 0.00	28.49 0.78 0.00	22.48 0.29 0.00	20.38 0.22 0.00	18.92 0.15 0.00	18.86 0.17 0.00	18.18 0.14 0.00	18.40 0.22 0.00	19.73 0.25 0.00	21.49 0.34 0.00	25.01 0.47 0.00	29.07 0.74 0.00	33.29 1.19 0.00	38.04 1.39 0.00	30.03 1.02 0.00	25.71 0.63 0.00	22.59 0.57 0.00
SOUTH HAMPTN___IC 23720	30.49 2.09 -6.13	24.38 1.90 -2.09	24.34 1.86 -2.95	23.96 1.84 -2.76	23.82 1.99 -1.50	26.86 2.34 -0.14	40.47 2.81 -7.06	36.88 3.16 -0.11	34.54 2.72 -4.11	27.01 2.22 -2.59	29.52 2.08 -7.28	25.01 1.99 -4.25	23.85 1.96 -3.20	22.22 1.93 -2.25	22.11 1.96 -1.96	22.35 2.04 -0.83	25.52 2.16 -2.21	27.09 2.53 -0.01	37.01 2.78 -5.89	43.75 3.53 -8.11	44.12 3.85 -3.62	39.12 2.93 -7.18	29.60 2.33 -2.18	27.04 2.05 -2.98
SOUTHDOW__115KV_TB1 355954	22.78 0.51 0.00	20.70 0.31 0.00	19.87 0.33 0.00	19.63 0.27 0.00	20.53 0.20 0.00	24.67 0.29 0.00	30.32 -0.28 0.00	33.67 0.07 0.00	27.43 -0.28 0.00	22.26 0.07 0.00	20.49 0.32 0.00	18.88 0.11 0.00	18.65 -0.04 0.00	18.09 0.05 0.00	17.98 -0.20 0.00	19.36 -0.12 0.00	20.79 -0.36 0.00	23.74 -0.81 0.00	27.43 -0.91 0.00	31.05 -1.06 0.00	35.48 -1.17 0.00	28.73 -0.29 0.00	24.88 -0.20 0.00	22.65 0.64 0.00
SOUTHOLD_69_KV_BK 2 55809	30.89 2.49 -6.12	24.77 2.28 -2.09	24.69 2.21 -2.94	24.33 2.21 -2.76	24.21 2.38 -1.50	27.32 2.80 -0.14	41.05 3.40 -7.06	37.48 3.76 -0.11	35.02 3.21 -4.10	27.31 2.53 -2.58	29.81 2.38 -7.27	25.28 2.27 -4.24	24.13 2.24 -3.19	22.46 2.18 -2.24	22.35 2.22 -1.95	22.60 2.30 -0.83	25.81 2.45 -2.21	27.51 2.95 -0.01	37.43 3.20 -5.89	44.32 4.11 -8.10	44.78 4.51 -3.62	39.67 3.48 -7.17	29.99 2.73 -2.17	27.36 2.38 -2.97
SOUTHOLD___IC 23719	30.88 2.49 -6.12	24.76 2.28 -2.09	24.69 2.21 -2.95	24.33 2.21 -2.76	24.21 2.38 -1.50	27.32 2.80 -0.14	41.05 3.40 -7.06	37.48 3.76 -0.11	35.00 3.19 -4.11	27.32 2.53 -2.59	29.82 2.38 -7.28	25.29 2.27 -4.25	24.13 2.24 -3.20	22.47 2.18 -2.25	22.36 2.22 -1.96	22.60 2.30 -0.83	25.81 2.45 -2.21	27.46 2.90 -0.01	37.46 3.23 -5.89	44.32 4.11 -8.10	44.77 4.51 -3.62	39.67 3.48 -7.17	30.00 2.73 -2.18	27.39 2.40 -2.98
SOUTH_FORK_WT_PWR 323839	30.93 2.54 -6.13	24.81 2.32 -2.09	24.73 2.25 -2.95	24.37 2.24 -2.76	24.25 2.42 -1.50	27.37 2.85 -0.14	41.08 3.43 -7.06	37.52 3.80 -0.11	35.06 3.24 -4.11	27.36 2.57 -2.59	29.84 2.40 -7.28	25.31 2.29 -4.25	24.15 2.26 -3.20	22.49 2.20 -2.25	22.38 2.24 -1.96	22.62 2.32 -0.83	25.83 2.47 -2.21	27.48 2.92 -0.01	37.49 3.26 -5.89	44.36 4.14 -8.11	44.81 4.54 -3.62	39.70 3.51 -7.18	30.02 2.76 -2.18	27.41 2.42 -2.98
SPIERFLS_115KV_TB 1 80737	22.78 0.51 0.00	20.92 0.53 0.00	19.97 0.43 0.00	19.84 0.48 0.00	20.84 0.51 0.00	25.03 0.66 0.00	31.82 1.22 0.00	34.82 1.21 0.00	28.51 0.80 0.00	22.57 0.38 0.00	20.45 0.28 0.00	19.05 0.28 0.00	18.99 0.30 0.00	18.27 0.23 0.00	18.47 0.29 0.00	19.82 0.35 0.00	21.51 0.36 0.00	25.04 0.49 0.00	29.19 0.85 0.00	33.33 1.22 0.00	38.11 1.47 0.00	30.06 1.04 0.00	25.63 0.55 0.00	22.46 0.44 0.00
ST LAWRENCE___ 23600	21.73 -0.53 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.89 -0.46 0.00	19.80 -0.53 0.00	23.73 -0.63 0.01	24.45 -0.98 5.17	32.46 -1.14 0.01	26.96 -0.75 0.00	21.62 -0.58 0.00	19.66 -0.50 0.00	18.26 -0.51 0.01	18.20 -0.49 0.01	17.56 -0.47 0.01	17.72 -0.45 0.01	18.96 -0.51 0.01	20.59 -0.55 0.01	24.01 -0.54 0.00	27.71 -0.62 0.00	31.05 -1.06 0.00	35.51 -1.14 0.00	28.12 -0.90 0.00	24.55 -0.53 0.00	21.51 -0.51 0.00
STATE_CA_115KV_115_LB 55624	22.36 0.09 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.59 0.23 0.00	20.55 0.22 0.00	24.57 0.19 0.00	31.18 0.58 0.00	34.25 0.64 0.00	28.10 0.39 0.00	22.37 0.18 0.00	20.38 0.22 0.00	19.00 0.23 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.44 0.25 0.00	19.71 0.23 0.00	21.41 0.25 0.00	24.79 0.25 0.00	28.73 0.40 0.00	32.78 0.67 0.00	37.38 0.73 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
STATE_ST_34_KV_LOAD 55959	22.31 0.04 0.00	20.41 0.02 0.00	19.54 0.00 0.00	19.32 -0.04 0.00	20.31 -0.02 0.00	24.42 0.05 0.00	30.78 0.18 0.00	34.55 0.94 0.00	28.32 0.61 0.00	22.75 0.55 0.00	20.59 0.42 0.00	19.11 0.34 0.00	19.06 0.37 0.00	18.36 0.32 0.00	18.34 0.16 0.00	19.82 0.35 0.00	21.47 0.32 0.00	24.87 0.32 0.00	28.73 0.40 0.00	32.68 0.58 0.00	37.38 0.73 0.00	29.71 0.70 0.00	25.56 0.48 0.00	22.59 0.57 0.00
STATION 5_MISC_HYD 23604	22.07 -0.20 0.00	20.11 -0.29 0.00	19.26 -0.27 0.00	19.03 -0.33 0.00	19.94 -0.39 0.00	24.03 -0.34 0.00	29.71 -0.89 0.00	32.80 -0.81 0.00	27.10 -0.61 0.00	21.84 -0.36 0.00	19.96 -0.20 0.00	18.49 -0.28 0.00	18.39 -0.30 0.00	17.73 -0.31 0.00	17.71 -0.47 0.00	19.08 -0.39 0.00	20.52 -0.63 0.00	23.64 -0.91 0.00	27.29 -1.05 0.00	30.85 -1.25 0.00	35.18 -1.47 0.00	28.15 -0.87 0.00	24.38 -0.70 0.00	22.06 0.04 0.00



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.22 -0.04 0.00	20.27 -0.12 0.00	19.40 -0.14 0.00	19.18 -0.17 0.00	20.13 -0.20 0.00	24.28 -0.10 0.00	30.26 -0.34 0.00	33.61 0.00 0.00	27.57 -0.14 0.00	22.26 0.07 0.00	20.24 0.08 0.00	18.75 -0.02 0.00	18.67 -0.02 0.00	17.98 -0.05 0.00	17.96 -0.22 0.00	19.37 -0.10 0.00	20.92 -0.23 0.00	24.11 -0.44 0.00	27.80 -0.54 0.00	31.59 -0.51 0.00	36.10 -0.55 0.00	28.79 -0.23 0.00	24.86 -0.23 0.00	22.28 0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.84 -0.42 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.84 -0.52 0.00	19.74 -0.59 0.00	23.79 -0.58 0.00	29.50 -1.10 0.00	32.60 -1.01 0.00	26.80 -0.91 0.00	21.71 -0.49 0.00	19.82 -0.34 0.00	18.36 -0.41 0.00	18.26 -0.43 0.00	17.60 -0.43 0.00	17.58 -0.60 0.00	18.95 -0.53 0.00	20.41 -0.74 0.00	23.47 -1.08 0.00	27.01 -1.33 0.00	30.69 -1.41 0.00	35.04 -1.61 0.00	27.97 -1.04 0.00	24.20 -0.88 0.00	21.82 -0.20 0.00
STA_56____34_KV_BUS2 355983	21.84 -0.42 0.00	19.90 -0.49 0.00	19.07 -0.47 0.00	18.84 -0.52 0.00	19.74 -0.59 0.00	23.79 -0.58 0.00	29.50 -1.10 0.00	32.60 -1.01 0.00	26.80 -0.91 0.00	21.71 -0.49 0.00	19.82 -0.34 0.00	18.36 -0.41 0.00	18.26 -0.43 0.00	17.60 -0.43 0.00	17.58 -0.60 0.00	18.95 -0.53 0.00	20.41 -0.74 0.00	23.47 -1.08 0.00	27.01 -1.33 0.00	30.69 -1.41 0.00	35.04 -1.61 0.00	27.97 -1.04 0.00	24.20 -0.88 0.00	21.82 -0.20 0.00
STA_67____115KV_BK2 355882	22.02 -0.24 0.00	20.09 -0.31 0.00	19.23 -0.31 0.00	19.01 -0.35 0.00	19.90 -0.43 0.00	23.96 -0.41 0.00	29.65 -0.95 0.00	32.70 -0.91 0.00	26.88 -0.83 0.00	21.80 -0.40 0.00	19.92 -0.24 0.00	18.45 -0.32 0.00	18.34 -0.36 0.00	17.69 -0.34 0.00	17.67 -0.51 0.00	19.04 -0.43 0.00	20.47 -0.68 0.00	23.54 -1.01 0.00	27.06 -1.28 0.00	30.76 -1.35 0.00	35.11 -1.54 0.00	28.06 -0.96 0.00	24.33 -0.75 0.00	22.02 0.00 0.00
STA_7____115KV_9TRANS 80674	22.13 -0.13 0.00	20.17 -0.22 0.00	19.32 -0.21 0.00	19.09 -0.27 0.00	20.00 -0.33 0.00	24.11 -0.27 0.00	29.83 -0.76 0.00	32.97 -0.64 0.00	27.07 -0.64 0.00	21.95 -0.24 0.00	20.06 -0.10 0.00	18.58 -0.19 0.00	18.47 -0.22 0.00	17.82 -0.22 0.00	17.78 -0.40 0.00	19.16 -0.31 0.00	20.62 -0.53 0.00	23.71 -0.83 0.00	27.26 -1.08 0.00	31.01 -1.09 0.00	35.40 -1.25 0.00	28.29 -0.73 0.00	24.48 -0.60 0.00	22.13 0.11 0.00
STA_82____115KV_TB1 80780	22.04 -0.22 0.00	20.09 -0.31 0.00	19.24 -0.29 0.00	19.01 -0.35 0.00	19.92 -0.41 0.00	23.98 -0.39 0.00	29.68 -0.92 0.00	32.73 -0.87 0.00	26.91 -0.80 0.00	21.80 -0.40 0.00	19.92 -0.24 0.00	18.47 -0.30 0.00	18.35 -0.34 0.00	17.69 -0.34 0.00	17.67 -0.51 0.00	19.04 -0.43 0.00	20.50 -0.66 0.00	23.54 -1.01 0.00	27.09 -1.25 0.00	30.79 -1.32 0.00	35.15 -1.50 0.00	28.09 -0.93 0.00	24.35 -0.73 0.00	22.04 0.02 0.00
STEEL____WIND 323596	22.27 0.00 0.00	20.29 -0.10 0.00	19.46 -0.08 0.00	19.22 -0.13 0.00	20.11 -0.22 0.00	24.13 -0.24 0.00	29.56 -1.04 0.00	32.53 -1.08 0.00	26.85 -0.86 0.00	21.69 -0.51 0.00	19.96 -0.20 0.00	18.47 -0.30 0.00	18.28 -0.41 0.00	17.69 -0.34 0.00	17.62 -0.56 0.00	18.97 -0.51 0.00	20.33 -0.83 0.00	23.27 -1.28 0.00	26.86 -1.47 0.00	30.28 -1.83 0.00	34.49 -2.16 0.00	27.86 -1.16 0.00	24.23 -0.85 0.00	22.21 0.20 0.00
STEPHTWN_115KV_BK_2 55603	22.56 0.29 0.00	20.78 0.39 0.00	19.89 0.35 0.00	19.75 0.39 0.00	20.72 0.39 0.00	24.81 0.44 0.00	31.48 0.89 0.00	34.55 0.94 0.00	28.32 0.61 0.00	22.53 0.33 0.00	20.51 0.34 0.00	19.11 0.34 0.00	19.03 0.34 0.00	18.34 0.31 0.00	18.54 0.36 0.00	19.84 0.37 0.00	21.55 0.40 0.00	24.99 0.44 0.00	28.99 0.65 0.00	33.07 0.96 0.00	37.75 1.10 0.00	29.77 0.75 0.00	25.46 0.38 0.00	22.30 0.29 0.00
STEBEN_REC_LFGE 323667	23.02 0.76 0.00	20.94 0.55 0.00	20.03 0.49 0.00	19.77 0.41 0.00	20.70 0.37 0.00	24.94 0.56 0.00	31.06 0.46 0.00	34.21 0.60 0.00	27.88 0.17 0.00	22.46 0.27 0.00	20.43 0.26 0.00	18.87 0.09 0.00	18.69 0.00 0.00	18.04 0.00 0.00	17.87 -0.31 0.00	19.26 -0.21 0.00	20.73 -0.42 0.00	23.88 -0.66 0.00	27.71 -0.62 0.00	31.46 -0.64 0.00	35.99 -0.66 0.00	28.84 -0.17 0.00	24.98 -0.10 0.00	22.59 0.57 0.00
STILLWATER____SOLAR 323814	22.96 0.69 0.00	21.09 0.69 0.00	20.16 0.63 0.00	20.02 0.66 0.00	21.02 0.69 0.00	25.20 0.83 0.00	31.97 1.38 0.00	35.02 1.41 0.00	28.65 0.94 0.00	22.77 0.58 0.00	20.67 0.50 0.00	19.26 0.49 0.00	19.18 0.49 0.00	18.49 0.45 0.00	18.67 0.49 0.00	20.00 0.53 0.00	21.72 0.57 0.00	25.26 0.71 0.00	29.33 0.99 0.00	33.52 1.41 0.00	38.30 1.65 0.00	30.26 1.25 0.00	25.83 0.75 0.00	22.65 0.64 0.00
STONY____BROOK 24151	31.06 1.92 -6.88	24.47 1.73 -2.34	24.55 1.70 -3.31	24.14 1.68 -3.10	23.84 1.83 -1.68	26.68 2.15 -0.16	41.06 2.54 -7.93	36.56 2.82 -0.13	34.84 2.52 -4.61	27.15 2.04 -2.91	30.25 1.92 -8.17	25.39 1.84 -4.77	24.12 1.83 -3.59	22.37 1.80 -2.53	22.24 1.86 -2.20	22.32 1.91 -0.94	25.70 2.07 -2.48	26.97 2.41 -0.01	37.42 2.46 -6.62	44.39 3.18 -9.10	44.16 3.44 -4.07	39.77 2.70 -8.06	29.64 2.11 -2.45	27.18 1.83 -3.34
STURGEON_POOL_HYD 23609	23.62 1.36 0.00	21.62 1.22 0.00	20.71 1.17 0.00	20.52 1.16 0.00	21.63 1.30 0.00	25.89 1.51 0.00	32.77 2.17 0.00	35.96 2.35 0.00	29.40 1.69 0.00	23.53 1.33 0.00	21.41 1.25 0.00	19.95 1.18 0.00	19.91 1.21 0.00	19.23 1.19 0.00	19.44 1.25 0.00	20.74 1.27 0.00	22.59 1.44 0.00	26.14 1.60 0.00	30.04 1.70 0.00	34.45 2.34 0.00	39.25 2.60 0.00	30.90 1.89 0.00	26.49 1.40 0.00	23.23 1.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.36 1.09 0.00	21.39 1.00 0.00	20.50 0.96 0.00	20.31 0.95 0.00	21.39 1.06 0.00	25.59 1.22 0.00	32.37 1.77 0.00	35.66 2.05 0.00	29.15 1.44 0.00	23.33 1.13 0.00	21.23 1.07 0.00	19.80 1.03 0.00	19.72 1.03 0.00	19.05 1.01 0.00	19.25 1.07 0.00	20.56 1.09 0.00	22.36 1.21 0.00	25.90 1.35 0.00	29.81 1.47 0.00	34.13 2.02 0.00	38.88 2.24 0.00	30.64 1.62 0.00	26.26 1.18 0.00	23.01 0.99 0.00
SWANROAD_115KV_TB1 355699	21.51 -0.76 0.00	19.62 -0.77 0.00	18.83 -0.70 0.00	18.60 -0.76 0.00	19.44 -0.89 0.00	23.28 -1.10 0.00	28.45 -2.14 0.00	31.15 -2.45 0.00	25.61 -2.11 0.00	20.89 -1.31 0.00	19.24 -0.93 0.00	17.81 -0.96 0.00	17.64 -1.05 0.00	17.06 -0.97 0.00	17.02 -1.16 0.00	18.32 -1.15 0.00	19.59 -1.57 0.00	22.36 -2.18 0.00	25.67 -2.66 0.00	29.12 -2.99 0.00	33.17 -3.48 0.00	26.75 -2.26 0.00	23.35 -1.73 0.00	21.53 -0.48 0.00
SYNERGY____BIOGAS 323694	22.27 0.00 0.00	20.25 -0.14 0.00	19.42 -0.12 0.00	19.17 -0.19 0.00	20.07 -0.26 0.00	24.20 -0.17 0.00	29.77 -0.82 0.00	32.84 -0.77 0.00	27.08 -0.64 0.00	21.84 -0.36 0.00	20.02 -0.14 0.00	18.49 -0.28 0.00	18.34 -0.36 0.00	17.71 -0.32 0.00	17.65 -0.53 0.00	19.03 -0.45 0.00	20.41 -0.74 0.00	23.44 -1.10 0.00	27.12 -1.22 0.00	30.66 -1.44 0.00	34.96 -1.69 0.00	28.06 -0.96 0.00	24.38 -0.70 0.00	22.26 0.24 0.00



SYRACUSE___ENERGY_ST1 323597	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
SYRACUSE___ENERGY_ST2 323598	22.22 -0.04 0.00	20.33 -0.06 0.00	19.48 -0.06 0.00	19.28 -0.08 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	34.28 0.67 0.00	28.13 0.42 0.00	22.55 0.36 0.00	20.40 0.24 0.00	18.98 0.21 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.25 0.07 0.00	19.69 0.21 0.00	21.36 0.21 0.00	24.74 0.20 0.00	28.56 0.23 0.00	32.49 0.39 0.00	37.16 0.51 0.00	29.51 0.49 0.00	25.38 0.30 0.00	22.37 0.35 0.00
SYRACUSE___POWER 24017	22.31 0.04 0.00	20.41 0.02 0.00	19.56 0.02 0.00	19.36 0.00 0.00	20.35 0.02 0.00	24.45 0.07 0.00	30.81 0.21 0.00	34.08 0.47 0.00	27.99 0.28 0.00	22.42 0.22 0.00	20.30 0.14 0.00	18.88 0.11 0.00	18.82 0.13 0.00	18.15 0.11 0.00	18.18 0.00 0.00	19.61 0.14 0.00	21.28 0.13 0.00	24.67 0.12 0.00	28.51 0.17 0.00	32.43 0.32 0.00	37.05 0.40 0.00	29.37 0.35 0.00	25.28 0.20 0.00	22.24 0.22 0.00
TALLMAN___138KV_BK151 55660	23.47 1.20 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.40 1.05 0.00	21.47 1.14 0.00	25.71 1.34 0.00	32.52 1.93 0.00	35.86 2.25 0.00	29.32 1.61 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.95 1.18 0.00	19.87 1.18 0.00	19.19 1.15 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.53 1.37 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.82 1.80 0.00	26.39 1.30 0.00	23.12 1.10 0.00
TEALLAVE_115KV_TB7 355573	22.20 -0.07 0.00	20.31 -0.08 0.00	19.46 -0.08 0.00	19.28 -0.08 0.00	20.25 -0.08 0.00	24.33 -0.05 0.00	30.63 0.03 0.00	33.84 0.24 0.00	27.77 0.06 0.00	22.26 0.07 0.00	20.18 0.02 0.00	18.77 0.00 0.00	18.71 0.02 0.00	18.04 0.00 0.00	18.07 -0.11 0.00	19.49 0.02 0.00	21.13 -0.02 0.00	24.50 -0.05 0.00	28.28 -0.06 0.00	32.17 0.06 0.00	36.76 0.11 0.00	29.13 0.12 0.00	25.08 0.00 0.00	22.08 0.07 0.00
TELGRAPH_34_KV_EAST 80808	22.00 -0.27 0.00	20.05 -0.35 0.00	19.23 -0.31 0.00	18.97 -0.39 0.00	19.86 -0.47 0.00	23.84 -0.54 0.00	29.28 -1.32 0.00	32.20 -1.41 0.00	26.41 -1.30 0.00	21.49 -0.71 0.00	19.76 -0.40 0.00	18.26 -0.51 0.00	18.11 -0.58 0.00	17.50 -0.54 0.00	17.44 -0.75 0.00	18.79 -0.68 0.00	20.11 -1.04 0.00	23.00 -1.55 0.00	26.44 -1.90 0.00	30.05 -2.05 0.00	34.27 -2.38 0.00	27.57 -1.45 0.00	24.00 -1.08 0.00	21.99 -0.02 0.00
TEMPLE___115KV_TB 2 55572	22.22 -0.04 0.00	20.35 -0.04 0.00	19.48 -0.06 0.00	19.30 -0.06 0.00	20.27 -0.06 0.00	24.35 -0.02 0.00	30.69 0.09 0.00	33.88 0.27 0.00	27.79 0.08 0.00	22.28 0.09 0.00	20.20 0.04 0.00	18.79 0.02 0.00	18.73 0.04 0.00	18.06 0.02 0.00	18.09 -0.09 0.00	19.51 0.04 0.00	21.15 0.00 0.00	24.52 -0.02 0.00	28.31 -0.03 0.00	32.20 0.10 0.00	36.80 0.15 0.00	29.16 0.15 0.00	25.11 0.03 0.00	22.10 0.09 0.00
TIANA___69_KV_BK 1 55817	30.40 2.00 -6.13	24.32 1.84 -2.09	24.28 1.80 -2.94	23.88 1.76 -2.76	23.76 1.93 -1.50	26.76 2.24 -0.14	40.34 2.69 -7.06	36.75 3.02 -0.11	34.47 2.66 -4.10	26.93 2.15 -2.58	29.45 2.02 -7.27	24.95 1.93 -4.24	23.79 1.91 -3.19	22.16 1.88 -2.24	22.06 1.93 -1.95	22.29 1.99 -0.83	25.45 2.09 -2.21	27.09 2.53 -0.01	36.89 2.66 -5.89	43.65 3.44 -8.11	44.01 3.74 -3.62	39.03 2.84 -7.17	29.51 2.26 -2.17	26.94 1.96 -2.97
TILDEN___115KV_TB1 80814	22.31 0.04 0.00	20.41 0.02 0.00	19.56 0.02 0.00	19.36 0.00 0.00	20.35 0.02 0.00	24.45 0.07 0.00	30.81 0.21 0.00	34.08 0.47 0.00	27.99 0.28 0.00	22.42 0.22 0.00	20.30 0.14 0.00	18.88 0.11 0.00	18.82 0.13 0.00	18.15 0.11 0.00	18.18 0.00 0.00	19.61 0.14 0.00	21.28 0.13 0.00	24.67 0.12 0.00	28.51 0.17 0.00	32.43 0.32 0.00	37.05 0.40 0.00	29.37 0.35 0.00	25.28 0.20 0.00	22.24 0.22 0.00
TRIGEN___CC 323695	23.79 1.51 -0.01	21.77 1.37 -0.01	20.89 1.35 0.00	20.69 1.32 -0.01	21.81 1.46 -0.01	26.07 1.68 -0.02	32.80 2.20 0.00	35.96 2.35 0.00	29.82 2.11 0.00	23.88 1.69 0.00	21.76 1.59 0.00	20.29 1.52 0.00	20.21 1.51 0.00	19.52 1.48 0.00	19.71 1.53 0.00	21.05 1.58 0.00	22.84 1.67 -0.02	26.47 1.91 -0.01	30.43 2.10 0.00	34.87 2.76 0.00	39.65 3.01 0.00	31.25 2.23 0.00	26.79 1.71 0.00	23.42 1.41 0.00
TRINITY___115KV__4 BK 55933	22.33 0.07 0.00	20.58 0.18 0.00	19.71 0.18 0.00	19.55 0.19 0.00	20.51 0.18 0.00	24.55 0.17 0.00	31.12 0.52 0.00	34.21 0.60 0.00	28.04 0.33 0.00	22.35 0.16 0.00	20.36 0.20 0.00	18.98 0.21 0.00	18.90 0.21 0.00	18.22 0.18 0.00	18.42 0.24 0.00	19.69 0.21 0.00	21.38 0.23 0.00	24.77 0.22 0.00	28.68 0.34 0.00	32.75 0.64 0.00	37.35 0.70 0.00	29.45 0.44 0.00	25.21 0.13 0.00	22.06 0.04 0.00
UNION___PROCESSING_DRP 323587	22.04 -0.22 0.00	20.09 -0.31 0.00	19.24 -0.29 0.00	19.03 -0.33 0.00	19.92 -0.41 0.00	23.98 -0.39 0.00	29.68 -0.92 0.00	32.73 -0.87 0.00	26.91 -0.80 0.00	21.82 -0.38 0.00	19.94 -0.22 0.00	18.47 -0.30 0.00	18.35 -0.34 0.00	17.71 -0.32 0.00	17.69 -0.49 0.00	19.06 -0.41 0.00	20.50 -0.66 0.00	23.54 -1.01 0.00	27.09 -1.25 0.00	30.79 -1.32 0.00	35.15 -1.50 0.00	28.12 -0.90 0.00	24.35 -0.73 0.00	22.04 0.02 0.00
UPPER HUDSON___HYD 24058	22.78 0.51 0.00	20.92 0.53 0.00	19.97 0.43 0.00	19.84 0.48 0.00	20.84 0.51 0.00	25.03 0.66 0.00	31.82 1.23 0.00	34.82 1.21 0.00	28.49 0.77 0.00	22.57 0.38 0.00	20.45 0.28 0.00	19.05 0.28 0.00	18.99 0.30 0.00	18.27 0.23 0.00	18.47 0.29 0.00	19.82 0.35 0.00	21.51 0.36 0.00	25.04 0.49 0.00	29.19 0.85 0.00	33.33 1.22 0.00	38.12 1.47 0.00	30.06 1.04 0.00	25.63 0.55 0.00	22.46 0.44 0.00
UPPER RAQUET___HYD 24056	21.00 -1.27 0.00	19.23 -1.16 0.00	18.44 -1.09 0.00	18.28 -1.08 0.00	19.15 -1.18 0.00	22.93 -1.44 0.01	24.62 -1.87 4.11	31.52 -2.08 0.01	26.08 -1.63 0.00	20.86 -1.33 0.00	18.93 -1.23 0.00	17.58 -1.18 0.01	17.53 -1.16 0.01	16.91 -1.12 0.01	17.07 -1.11 0.01	18.26 -1.21 0.01	19.88 -1.27 0.01	23.27 -1.28 0.00	26.86 -1.47 0.00	30.18 -1.93 0.00	34.56 -2.09 0.00	27.33 -1.68 0.00	23.83 -1.25 0.00	20.80 -1.21 0.00
VALLEY44_115KV_TB2 355964	22.62 0.36 0.00	20.62 0.22 0.00	19.79 0.25 0.00	19.55 0.19 0.00	20.45 0.12 0.00	24.52 0.15 0.00	30.05 -0.55 0.00	33.37 -0.24 0.00	27.21 -0.50 0.00	22.13 -0.07 0.00	20.34 0.18 0.00	18.83 0.06 0.00	18.64 -0.06 0.00	18.04 0.00 0.00	17.94 -0.24 0.00	19.34 -0.14 0.00	20.75 -0.40 0.00	23.64 -0.91 0.00	27.32 -1.02 0.00	30.89 -1.22 0.00	35.22 -1.43 0.00	28.55 -0.46 0.00	24.78 -0.30 0.00	22.50 0.48 0.00



VALLEY___115KV_TB 1-4 80826	22.56 0.29 0.00	20.62 0.22 0.00	19.75 0.21 0.00	19.55 0.19 0.00	20.53 0.20 0.00	24.62 0.24 0.00	31.18 0.34 -0.25	33.94 0.34 0.00	27.93 0.22 0.00	22.37 0.18 0.00	20.28 0.12 0.00	18.87 0.09 0.00	18.75 0.06 0.00	18.06 0.02 0.00	18.18 0.00 0.00	19.45 -0.02 0.00	21.13 -0.02 0.00	24.52 -0.02 0.00	28.37 0.03 0.00	32.33 0.22 0.00	36.87 0.22 0.00	29.31 0.29 0.00	25.26 0.18 0.00	22.15 0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.60 1.34 0.00	21.58 1.18 0.00	20.73 1.19 0.00	20.56 1.20 0.00	21.57 1.24 0.00	25.89 1.51 0.00	32.68 2.08 0.00	36.03 2.42 0.00	29.48 1.77 0.00	23.59 1.40 0.00	21.31 1.15 0.00	19.86 1.09 0.00	19.78 1.08 0.00	19.07 1.03 0.00	19.34 1.16 0.00	20.56 1.09 0.00	22.36 1.21 0.00	25.85 1.30 0.00	29.92 1.59 0.00	34.23 2.12 0.00	38.99 2.35 0.00	31.05 2.03 0.00	26.61 1.53 0.00	23.36 1.34 0.00
VISCHER___FERRY HYD 24020	22.76 0.49 0.00	20.90 0.51 0.00	20.03 0.49 0.00	19.86 0.50 0.00	20.86 0.53 0.00	24.98 0.61 0.00	31.76 1.16 0.00	34.82 1.21 0.00	28.46 0.75 0.00	22.71 0.51 0.00	20.63 0.46 0.00	19.22 0.45 0.00	19.14 0.45 0.00	18.45 0.42 0.00	18.64 0.45 0.00	19.94 0.47 0.00	21.68 0.53 0.00	25.16 0.61 0.00	29.13 0.79 0.00	33.36 1.25 0.00	38.04 1.39 0.00	30.06 1.04 0.00	25.68 0.60 0.00	22.48 0.46 0.00
V_A_10_SYNC_DSASP 323832	21.76 -0.51 0.00	19.84 -0.55 0.00	19.03 -0.51 0.00	18.80 -0.56 0.00	19.68 -0.65 0.00	23.62 -0.76 0.00	28.97 -1.62 0.00	31.79 -1.82 0.00	26.33 -1.38 0.00	21.26 -0.93 0.00	19.54 -0.63 0.00	18.10 -0.67 0.00	17.96 -0.73 0.00	17.35 -0.69 0.00	17.31 -0.87 0.00	18.64 -0.84 0.00	19.99 -1.16 0.00	22.93 -1.62 0.00	26.47 -1.87 0.00	29.86 -2.25 0.00	33.98 -2.67 0.00	27.33 -1.68 0.00	23.80 -1.28 0.00	21.77 -0.24 0.00
V_CMM_10_SYNC_DSASP 323787	21.82 -0.45 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.88 -0.45 0.00	23.83 -0.54 0.01	24.57 -0.86 5.17	32.59 -1.01 0.01	27.08 -0.64 0.00	21.71 -0.49 0.00	19.72 -0.44 0.00	18.33 -0.43 0.01	18.25 -0.43 0.01	17.63 -0.40 0.01	17.79 -0.38 0.01	19.04 -0.43 0.01	20.68 -0.47 0.01	24.11 -0.44 0.00	27.80 -0.54 0.00	31.14 -0.96 0.00	35.62 -1.03 0.00	28.21 -0.81 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	21.47 -0.80 0.00	19.58 -0.82 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.37 -0.96 0.00	23.12 -1.24 0.01	24.00 -1.50 5.10	31.89 -1.71 0.01	26.24 -1.47 0.00	21.15 -1.04 0.00	19.34 -0.83 0.00	17.88 -0.88 0.01	17.73 -0.95 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.37 -1.09 0.01	20.07 -1.08 0.01	23.83 -0.71 0.00	27.54 -0.79 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.03 -0.99 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00
V_D_10_SYNC_DSASP 323841	21.82 -0.45 0.00	19.99 -0.41 0.00	19.15 -0.39 0.00	18.97 -0.39 0.00	19.88 -0.45 0.00	23.81 -0.56 0.01	24.77 -0.82 5.00	32.66 -0.94 0.01	27.08 -0.64 0.00	21.69 -0.51 0.00	19.72 -0.44 0.00	18.30 -0.47 0.01	18.23 -0.45 0.01	17.62 -0.41 0.01	17.77 -0.40 0.01	19.02 -0.45 0.01	20.66 -0.49 0.01	24.11 -0.44 0.00	27.80 -0.54 0.00	31.14 -0.96 0.00	35.66 -0.99 0.00	28.24 -0.78 0.00	24.63 -0.45 0.00	21.58 -0.44 0.00
V_E_10_SYNC_DSASP 323830	24.18 1.92 0.00	22.09 1.69 0.00	21.14 1.60 0.00	20.93 1.57 0.00	21.96 1.63 0.00	26.35 1.97 0.00	33.29 2.69 0.00	36.73 3.13 0.00	29.79 2.08 0.00	23.73 1.53 0.00	21.25 1.09 0.00	19.77 0.99 0.00	19.70 1.01 0.00	18.96 0.92 0.00	19.05 0.87 0.00	20.54 1.07 0.00	22.40 1.25 0.00	26.02 1.47 0.00	30.32 1.98 0.00	34.93 2.83 0.00	39.69 3.04 0.00	31.80 2.79 0.00	27.21 2.13 0.00	23.93 1.91 0.00
V_F_30_NSYNC___DSASP 323816	23.00 0.73 0.00	21.11 0.71 0.00	20.18 0.64 0.00	20.04 0.68 0.00	21.04 0.71 0.00	25.23 0.85 0.00	32.03 1.44 0.00	35.08 1.48 0.00	28.71 1.00 0.00	22.82 0.62 0.00	20.71 0.54 0.00	19.30 0.52 0.00	19.21 0.52 0.00	18.51 0.47 0.00	18.69 0.51 0.00	20.04 0.57 0.00	21.77 0.61 0.00	25.31 0.76 0.00	29.39 1.05 0.00	33.58 1.48 0.00	38.34 1.69 0.00	30.29 1.28 0.00	25.88 0.80 0.00	22.68 0.66 0.00
V_F_30_SYNC_DSASP 323786	22.36 0.09 0.00	20.62 0.22 0.00	19.73 0.20 0.00	19.59 0.23 0.00	20.55 0.22 0.00	24.57 0.19 0.00	31.18 0.58 0.00	34.25 0.64 0.00	28.10 0.39 0.00	22.37 0.18 0.00	20.38 0.22 0.00	19.00 0.23 0.00	18.92 0.22 0.00	18.24 0.20 0.00	18.42 0.24 0.00	19.71 0.23 0.00	21.41 0.25 0.00	24.79 0.25 0.00	28.73 0.40 0.00	32.78 0.67 0.00	37.38 0.73 0.00	29.48 0.46 0.00	25.23 0.15 0.00	22.08 0.07 0.00
V_XM_10_SYNC_DSASP 323789	21.47 -0.80 0.00	19.58 -0.82 0.00	18.76 -0.78 0.00	18.55 -0.81 0.00	19.37 -0.96 0.00	23.12 -1.24 0.01	24.00 -1.50 5.10	31.89 -1.71 0.01	26.24 -1.47 0.00	21.15 -1.04 0.00	19.34 -0.83 0.00	17.88 -0.88 0.01	17.73 -0.95 0.01	17.06 -0.97 0.01	17.17 -1.00 0.01	18.37 -1.09 0.01	20.07 -1.08 0.01	23.83 -0.71 0.00	27.54 -0.79 0.00	30.92 -1.19 0.00	35.40 -1.25 0.00	28.03 -0.99 0.00	24.48 -0.60 0.00	21.38 -0.64 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.51 1.25 0.00	21.54 1.14 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.62 2.02 0.00	35.93 2.32 0.00	29.37 1.66 0.00	23.53 1.33 0.00	21.43 1.27 0.00	19.99 1.22 0.00	19.91 1.21 0.00	19.23 1.19 0.00	19.44 1.25 0.00	20.74 1.27 0.00	22.57 1.42 0.00	26.12 1.57 0.00	30.04 1.70 0.00	34.42 2.31 0.00	39.21 2.57 0.00	30.87 1.86 0.00	26.44 1.35 0.00	23.16 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.74 1.47 0.00	21.70 1.31 0.00	20.79 1.25 0.00	20.60 1.24 0.00	21.73 1.40 0.00	26.03 1.66 0.00	33.01 2.42 0.00	36.41 2.79 -0.02	29.79 2.08 0.00	23.85 1.64 -0.02	22.49 1.55 -0.77	22.26 1.50 -1.99	22.39 1.50 -2.20	22.06 1.46 -2.56	21.85 1.51 -2.16	22.25 1.56 -1.22	22.88 1.71 -0.02	26.48 1.91 -0.02	30.45 2.10 -0.02	34.92 2.79 -0.02	39.78 3.12 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
W50THST__13_KV_LOAD 356117	23.85 1.58 0.00	21.80 1.41 0.00	20.87 1.33 0.00	20.68 1.32 0.00	21.83 1.50 0.00	26.15 1.78 0.00	33.20 2.60 0.00	36.58 2.96 -0.02	29.96 2.24 0.00	24.01 1.80 -0.02	22.61 1.67 -0.77	22.37 1.61 -1.99	22.50 1.61 -2.20	22.17 1.57 -2.56	21.96 1.62 -2.16	22.37 1.67 -1.22	22.99 1.82 -0.02	26.62 2.06 -0.02	30.62 2.27 -0.02	35.08 2.95 -0.02	39.96 3.30 -0.02	31.25 2.23 0.00	26.79 1.71 0.00	23.42 1.41 0.00
WADING RIVER_IC_1 23522	30.15 1.74 -6.15	24.08 1.59 -2.09	24.06 1.56 -2.96	23.66 1.53 -2.77	23.52 1.69 -1.50	26.47 1.95 -0.14	40.00 2.32 -7.08	36.34 2.62 -0.11	34.16 2.33 -4.12	26.77 1.97 -2.60	29.30 1.83 -7.30	24.80 1.76 -4.26	23.64 1.74 -3.21	22.01 1.71 -2.26	21.91 1.76 -1.97	22.12 1.81 -0.84	25.27 1.90 -2.22	26.77 2.21 -0.01	36.66 2.41 -5.91	43.29 3.05 -8.13	43.58 3.30 -3.63	38.71 2.50 -7.20	29.25 1.98 -2.19	26.74 1.74 -2.99



WADING RIVER_IC_2 23547	30.15 1.74 -6.15	24.08 1.59 -2.09	24.06 1.56 -2.96	23.66 1.53 -2.77	23.52 1.69 -1.50	26.47 1.95 -0.14	40.00 2.32 -7.08	36.34 2.62 -0.11	34.16 2.33 -4.12	26.77 1.97 -2.60	29.30 1.83 -7.30	24.80 1.76 -4.26	23.64 1.74 -3.21	22.01 1.71 -2.26	21.91 1.76 -1.97	22.12 1.81 -0.84	25.27 1.90 -2.22	26.77 2.21 -0.01	36.66 2.41 -5.91	43.29 3.05 -8.13	43.58 3.30 -3.63	38.71 2.50 -7.20	29.25 1.98 -2.19	26.74 1.74 -2.99
WADING RIVER_IC_3 23601	30.15 1.74 -6.15	24.08 1.59 -2.09	24.06 1.56 -2.96	23.66 1.53 -2.77	23.52 1.69 -1.50	26.47 1.95 -0.14	40.00 2.32 -7.08	36.34 2.62 -0.11	34.16 2.33 -4.12	26.77 1.97 -2.60	29.30 1.83 -7.30	24.80 1.76 -4.26	23.64 1.74 -3.21	22.01 1.71 -2.26	21.91 1.76 -1.97	22.12 1.81 -0.84	25.27 1.90 -2.22	26.77 2.21 -0.01	36.66 2.41 -5.91	43.29 3.05 -8.13	43.58 3.30 -3.63	38.71 2.50 -7.20	29.25 1.98 -2.19	26.74 1.74 -2.99
WALDENNY_I2_KV_BK2 80841	22.22 -0.04 0.00	20.25 -0.14 0.00	19.44 -0.10 0.00	19.20 -0.15 0.00	20.07 -0.26 0.00	24.06 -0.32 0.00	29.50 -1.10 0.00	32.46 -1.14 0.00	26.60 -1.11 0.00	21.66 -0.53 0.00	19.96 -0.20 0.00	18.45 -0.32 0.00	18.26 -0.43 0.00	17.68 -0.36 0.00	17.62 -0.56 0.00	18.97 -0.51 0.00	20.31 -0.85 0.00	23.17 -1.37 0.00	26.64 -1.70 0.00	30.21 -1.89 0.00	34.41 -2.24 0.00	27.80 -1.22 0.00	24.20 -0.88 0.00	22.19 0.18 0.00
WALDEN___HYDRO 24148	23.51 1.25 0.00	21.52 1.12 0.00	20.63 1.09 0.00	20.44 1.08 0.00	21.53 1.20 0.00	25.79 1.41 0.00	32.62 2.02 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.42 1.22 0.00	21.29 1.13 0.00	19.84 1.07 0.00	19.78 1.08 0.00	19.10 1.06 0.00	19.31 1.13 0.00	20.62 1.15 0.00	22.46 1.31 0.00	26.00 1.45 0.00	29.92 1.59 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.82 1.80 0.00	26.39 1.30 0.00	23.14 1.12 0.00
WARRENSBURG___ 23737	22.78 0.51 0.00	20.92 0.53 0.00	19.97 0.43 0.00	19.84 0.48 0.00	20.84 0.51 0.00	25.03 0.66 0.00	31.82 1.23 0.00	34.82 1.21 0.00	28.49 0.77 0.00	22.57 0.38 0.00	20.45 0.28 0.00	19.05 0.28 0.00	18.99 0.30 0.00	18.27 0.23 0.00	18.47 0.29 0.00	19.82 0.35 0.00	21.51 0.36 0.00	25.04 0.49 0.00	29.19 0.85 0.00	33.33 1.22 0.00	38.12 1.47 0.00	30.06 1.04 0.00	25.63 0.55 0.00	22.46 0.44 0.00
WATERSIDE___6 8 9 23538	23.76 1.49 0.00	21.72 1.33 0.00	20.79 1.25 0.00	20.58 1.22 0.00	21.71 1.38 0.00	25.93 1.56 0.00	32.95 2.36 0.00	36.31 2.69 -0.02	29.76 2.05 0.00	23.88 1.66 -0.02	22.51 1.55 -0.79	22.30 1.50 -2.03	22.44 1.50 -2.25	22.13 1.48 -2.62	21.91 1.53 -2.21	22.29 1.58 -1.25	22.90 1.73 -0.02	26.53 1.96 -0.02	30.51 2.15 -0.02	34.88 2.76 -0.02	39.74 3.08 -0.02	31.11 2.09 0.00	26.69 1.61 0.00	23.34 1.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.49 0.22 0.00	20.58 0.18 0.00	19.71 0.18 0.00	19.53 0.17 0.00	20.51 0.18 0.00	24.57 0.19 0.00	31.18 0.34 -0.25	33.94 0.34 0.00	27.91 0.19 0.00	22.35 0.16 0.00	20.28 0.12 0.00	18.88 0.11 0.00	18.78 0.09 0.00	18.11 0.07 0.00	18.25 0.07 0.00	19.53 0.06 0.00	21.24 0.08 0.00	24.62 0.07 0.00	28.48 0.14 0.00	32.43 0.32 0.00	36.98 0.33 0.00	29.34 0.32 0.00	25.26 0.18 0.00	22.17 0.15 0.00
WATSON___69_KV_BK 1 55734	26.27 2.00 -2.00	22.89 1.82 -0.69	22.25 1.76 -0.95	22.01 1.74 -0.91	22.74 1.91 -0.50	26.68 2.24 -0.06	35.64 2.75 -2.29	36.70 3.06 -0.04	31.70 2.66 -1.33	25.14 2.11 -0.84	24.50 1.98 -2.36	22.06 1.91 -1.38	21.61 1.89 -1.04	20.63 1.86 -0.73	20.73 1.91 -0.64	21.71 1.97 -0.27	24.02 2.14 -0.73	27.11 2.55 -0.01	32.97 2.72 -1.91	38.24 3.50 -2.63	41.64 3.81 -1.17	34.27 2.93 -2.33	28.02 2.23 -0.71	24.89 1.92 -0.96
WDELAWARE___HYD 323627	23.47 1.20 0.00	21.45 1.06 0.00	20.57 1.03 0.00	20.38 1.03 0.00	21.47 1.14 0.00	25.74 1.36 0.00	32.58 1.99 0.00	35.66 2.05 0.00	29.10 1.38 0.00	23.24 1.04 0.00	21.07 0.91 0.00	19.62 0.85 0.00	19.57 0.88 0.00	18.90 0.87 0.00	19.13 0.94 0.00	20.43 0.95 0.00	22.27 1.12 0.00	25.82 1.28 0.00	29.70 1.36 0.00	34.10 1.99 0.00	38.88 2.24 0.00	30.67 1.65 0.00	26.31 1.23 0.00	23.07 1.06 0.00
WEST BABYLON___IC 23714	24.68 1.96 -0.45	22.33 1.77 -0.16	21.47 1.72 -0.21	21.27 1.70 -0.21	22.30 1.85 -0.12	26.57 2.17 -0.03	33.80 2.69 -0.51	36.54 2.92 -0.01	30.61 2.60 -0.29	24.44 2.06 -0.19	22.62 1.94 -0.52	20.93 1.86 -0.30	20.75 1.83 -0.23	20.01 1.80 -0.17	20.18 1.85 -0.15	21.46 1.93 -0.06	23.40 2.07 -0.18	27.01 2.45 -0.01	31.42 2.66 -0.42	36.09 3.40 -0.58	40.65 3.74 -0.26	32.38 2.84 -0.51	27.42 2.18 -0.16	24.08 1.85 -0.21
WEST CANADA___HYD 24049	22.36 0.09 0.00	20.48 0.08 0.00	19.62 0.08 0.00	19.44 0.08 0.00	20.43 0.10 0.00	24.47 0.10 0.00	31.06 0.22 -0.25	33.84 0.24 0.00	27.85 0.14 0.00	22.28 0.09 0.00	20.24 0.08 0.00	18.85 0.08 0.00	18.77 0.08 0.00	18.11 0.07 0.00	18.25 0.07 0.00	19.55 0.08 0.00	21.24 0.08 0.00	24.65 0.10 0.00	28.45 0.11 0.00	32.36 0.26 0.00	36.94 0.29 0.00	29.25 0.23 0.00	25.18 0.10 0.00	22.10 0.09 0.00
WESTERN_NY_WIND 24143	22.22 -0.04 0.00	20.23 -0.16 0.00	19.40 -0.14 0.00	19.15 -0.21 0.00	20.05 -0.28 0.00	24.16 -0.22 0.00	29.71 -0.89 0.00	32.77 -0.84 0.00	26.85 -0.86 0.00	21.80 -0.40 0.00	19.98 -0.18 0.00	18.47 -0.30 0.00	18.32 -0.37 0.00	17.68 -0.36 0.00	17.64 -0.55 0.00	19.00 -0.47 0.00	20.37 -0.78 0.00	23.34 -1.20 0.00	26.86 -1.47 0.00	30.57 -1.54 0.00	34.89 -1.76 0.00	28.00 -1.02 0.00	24.33 -0.75 0.00	22.24 0.22 0.00
WESTOVER___LESR 323668	23.07 0.80 0.00	21.11 0.71 0.00	20.20 0.66 0.00	20.00 0.64 0.00	21.00 0.67 0.00	25.20 0.83 0.00	31.51 0.92 0.00	34.88 1.28 0.00	28.49 0.78 0.00	22.93 0.73 0.00	20.83 0.67 0.00	19.35 0.58 0.00	19.25 0.56 0.00	18.58 0.54 0.00	18.94 0.76 0.00	20.02 0.55 0.00	21.66 0.51 0.00	24.99 0.44 0.00	28.90 0.57 0.00	32.84 0.74 0.00	37.49 0.84 0.00	29.95 0.93 0.00	25.81 0.73 0.00	22.87 0.86 0.00
WETHRSFD_WT_PWR 323626	22.27 0.00 0.00	20.27 -0.12 0.00	19.42 -0.12 0.00	19.18 -0.17 0.00	20.05 -0.28 0.00	24.08 -0.29 0.00	29.68 -0.92 0.00	32.63 -0.98 0.00	26.82 -0.89 0.00	21.62 -0.58 0.00	19.80 -0.36 0.00	18.30 -0.47 0.00	18.13 -0.56 0.00	17.51 -0.52 0.00	17.42 -0.76 0.00	18.81 -0.66 0.00	20.22 -0.93 0.00	23.25 -1.30 0.00	26.89 -1.44 0.00	30.40 -1.70 0.00	34.63 -2.02 0.00	27.91 -1.10 0.00	24.23 -0.85 0.00	22.06 0.04 0.00
WHAVSTOR_138KV_BK127 55557	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.39 1.03 0.00	21.47 1.14 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.94 1.16 0.00	19.85 1.16 0.00	19.17 1.14 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.51 1.35 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.09 1.08 0.00



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.45 1.18 0.00	21.47 1.08 0.00	20.57 1.04 0.00	20.39 1.03 0.00	21.47 1.14 0.00	25.69 1.32 0.00	32.49 1.90 0.00	35.83 2.22 0.00	29.29 1.58 0.00	23.48 1.29 0.00	21.37 1.21 0.00	19.94 1.16 0.00	19.85 1.16 0.00	19.17 1.14 0.00	19.38 1.20 0.00	20.70 1.23 0.00	22.51 1.35 0.00	26.04 1.50 0.00	29.98 1.64 0.00	34.32 2.22 0.00	39.10 2.46 0.00	30.79 1.77 0.00	26.36 1.28 0.00	23.09 1.08 0.00
WHITEHAL_115KV_TB1 80871	23.11 0.85 0.00	21.23 0.84 0.00	20.24 0.70 0.00	20.11 0.76 0.00	21.12 0.79 0.00	25.42 1.05 0.00	32.37 1.77 0.00	35.35 1.75 0.00	28.88 1.16 0.00	22.77 0.58 0.00	20.59 0.42 0.00	19.20 0.43 0.00	19.14 0.45 0.00	18.40 0.36 0.00	18.60 0.42 0.00	20.00 0.53 0.00	21.68 0.53 0.00	25.28 0.74 0.00	29.58 1.25 0.00	33.81 1.70 0.00	38.70 2.05 0.00	30.50 1.48 0.00	25.96 0.88 0.00	22.74 0.73 0.00
WHITEPLN_13_KV_LOAD 356215	23.76 1.49 0.00	21.72 1.33 0.00	20.81 1.27 0.00	20.62 1.26 0.00	21.73 1.40 0.00	26.06 1.68 0.00	33.07 2.48 0.00	36.50 2.89 0.00	29.87 2.16 0.00	23.88 1.69 0.00	21.76 1.59 0.00	20.31 1.54 0.00	20.24 1.55 0.00	19.55 1.52 0.00	19.76 1.58 0.00	21.09 1.62 0.00	22.95 1.80 0.00	26.58 2.04 0.00	30.58 2.24 0.00	35.03 2.92 0.00	39.98 3.34 0.00	31.31 2.29 0.00	26.79 1.71 0.00	23.38 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	30.21 1.89 -6.05	24.19 1.73 -2.06	24.12 1.68 -2.91	23.75 1.66 -2.73	23.62 1.81 -1.48	26.64 2.12 -0.14	40.11 2.54 -6.97	36.58 2.86 -0.11	34.26 2.49 -4.05	26.79 2.04 -2.55	29.24 1.90 -7.18	24.78 1.82 -4.19	23.66 1.81 -3.15	22.02 1.77 -2.22	21.93 1.82 -1.93	22.18 1.89 -0.82	25.34 2.01 -2.18	26.97 2.41 -0.01	36.71 2.55 -5.82	43.39 3.27 -8.01	43.78 3.55 -3.58	38.80 2.70 -7.08	29.34 2.11 -2.15	26.78 1.83 -2.93
WOODARD__115KV_TB2 355635	22.13 -0.13 0.00	20.27 -0.12 0.00	19.40 -0.14 0.00	19.22 -0.14 0.00	20.19 -0.14 0.00	24.25 -0.12 0.00	30.54 -0.06 0.00	33.78 0.17 0.00	27.74 0.03 0.00	22.24 0.04 0.00	20.14 -0.02 0.00	18.75 -0.02 0.00	18.67 -0.02 0.00	18.00 -0.04 0.00	18.05 -0.13 0.00	19.45 -0.02 0.00	21.11 -0.04 0.00	24.45 -0.10 0.00	28.25 -0.09 0.00	32.11 0.00 0.00	36.69 0.04 0.00	29.10 0.09 0.00	25.06 -0.03 0.00	22.04 0.02 0.00
YORK___WARBASSE 23770	23.85 1.58 0.00	21.78 1.39 0.00	20.83 1.29 0.00	20.62 1.26 0.00	21.75 1.42 0.00	25.98 1.61 0.00	33.01 2.42 0.00	36.35 2.72 -0.02	29.85 2.13 0.00	23.94 1.73 -0.02	22.57 1.61 -0.79	22.36 1.56 -2.03	22.49 1.55 -2.25	22.19 1.53 -2.62	21.97 1.58 -2.21	22.37 1.66 -1.25	23.01 1.84 -0.02	26.67 2.11 -0.02	30.65 2.30 -0.02	35.01 2.89 -0.02	39.93 3.26 -0.02	31.25 2.23 0.00	26.84 1.76 0.00	23.42 1.41 0.00