

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		09/21/2023																																
Name		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									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		18.12	16.86	15.69	15.25	15.45	18.68	25.06	27.45	24.77	23.37	21.70	21.52	21.91	22.94	23.37	24.08	27.10	33.77	34.37	33.91	29.85	25.42	22.44	20.90									
24138		0.88	0.82	0.73	0.67	0.72	0.86	1.33	1.70	1.66	1.73	1.44	1.43	1.57	1.64	1.79	2.05	2.37	2.79	2.61	2.42	1.95	1.66	1.25	0.88									
		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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1		18.14	16.87	15.72	15.31	15.54	18.75	25.11	27.58	24.80	23.36	21.72	21.54	21.89	22.94	23.39	24.07	27.10	33.74	34.44	34.01	29.99	25.52	22.54	20.94									
24260		0.90	0.83	0.76	0.73	0.81	0.93	1.38	1.83	1.69	1.73	1.46	1.45	1.55	1.64	1.81	2.05	2.37	2.76	2.67	2.52	2.09	1.76	1.36	0.92									
		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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2		18.14	16.87	15.72	15.31	15.54	18.75	25.11	27.58	24.80	23.36	21.72	21.54	21.89	22.94	23.39	24.07	27.10	33.74	34.44	34.01	29.99	25.52	22.54	20.94									
24261		0.90	0.83	0.76	0.73	0.81	0.93	1.38	1.83	1.69	1.73	1.46	1.45	1.55	1.64	1.81	2.05	2.37	2.76	2.67	2.52	2.09	1.76	1.36	0.92									
		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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS		18.31	17.05	15.87	15.44	15.63	18.97	25.46	27.83	24.77	23.15	21.56	21.36	21.65	22.58	22.90	23.35	26.36	33.46	34.18	33.88	30.38	25.61	22.59	21.16									
24011		1.07	1.01	0.91	0.86	0.90	1.14	1.73	2.09	1.66	1.51	1.30	1.27	1.30	1.28	1.32	1.32	1.63	2.19	2.41	2.39	2.48	1.85	1.40	1.14									
		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	-1.25	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY		18.40	17.13	15.96	15.52	15.67	19.07	25.63	28.01	24.96	23.30	21.70	21.50	21.77	22.73	22.98	23.46	26.50	33.67	34.40	34.13	30.64	25.80	22.69	21.26									
23798		1.16	1.09	1.00	0.93	0.94	1.25	1.90	2.27	1.85	1.67	1.44	1.41	1.42	1.43	1.40	1.43	1.78	2.40	2.64	2.65	2.74	2.04	1.50	1.24									
		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	-1.25	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS		18.31	17.05	15.87	15.44	15.63	18.97	25.46	27.83	24.77	23.15	21.56	21.36	21.65	22.58	22.90	23.35	26.36	33.46	34.18	33.88	30.38	25.61	22.59	21.16									
24028		1.07	1.01	0.91	0.86	0.90	1.14	1.73	2.09	1.66	1.51	1.30	1.27	1.30	1.28	1.32	1.32	1.63	2.19	2.41	2.39	2.48	1.85	1.40	1.14									
		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	-1.25	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM		17.98	16.74	15.59	15.17	15.33	18.59	24.82	27.01	24.15	22.61	21.07	20.90	21.20	22.11	22.44	23.17	26.13	33.12	33.87	33.41	29.60	24.99	22.08	20.70									
23527		0.74	0.70	0.63	0.58	0.60	0.77	1.09	1.26	1.04	0.97	0.81	0.80	0.85	0.81	0.86	1.14	1.41	1.89	2.10	1.92	1.70	1.23	0.89	0.68									
		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	-1.21	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP		17.45	16.41	15.32	14.92	15.08	18.06	24.02	26.24	23.39	21.91	20.47	20.32	20.55	21.47	21.84	22.47	25.32	32.04	32.63	32.27	28.65	24.23	21.44	20.04									
24190		0.21	0.37	0.36	0.34	0.35	0.23	0.28	0.49	0.28	0.28	0.20	0.22	0.20	0.17	0.26	0.44	0.59	0.81	0.86	0.79	0.75	0.48	0.25	0.02									
		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	-1.22	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK		16.88	15.70	14.68	14.32	14.49	17.52	23.30	25.26	22.62	21.20	19.94	19.76	19.94	20.88	21.04	21.48	24.13	29.42	31.20	30.92	27.40	23.38	21.00	19.78									
355683		-0.36	-0.34	-0.28	-0.26	-0.24	-0.30	-0.43	-0.49	-0.49	-0.43	-0.32	-0.34	-0.41	-0.43	-0.54	-0.55	-0.59	-0.60	-0.57	-0.57	-0.50	-0.38	-0.19	-0.24									
		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		17.45	16.41	15.32	14.92	15.08	18.06	24.02	26.24	23.39	21.91	20.47	20.32	20.55	21.47	21.84	22.47	25.32	32.04	32.63	32.27	28.65	24.23	21.44	20.04									
23571		0.21	0.37	0.36	0.34	0.35	0.23	0.28	0.49	0.28	0.28	0.20	0.22	0.20	0.17	0.26	0.44	0.59	0.81	0.86	0.79	0.75	0.48	0.25	0.02									
		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	-1.22	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___2		17.45	16.41	15.32	14.92	15.08	18.06	24.02	26.24	23.39	21.91	20.47	20.32	20.55	21.47	21.84	22.47	25.32	32.04	32.63	32.27	28.65	24.23	21.44	20.04									
23572		0.21	0.37	0.36	0.34	0.35	0.23	0.28	0.49	0.28	0.28	0.20	0.22	0.20	0.17	0.26	0.44	0.59	0.81	0.86	0.79	0.75	0.48	0.25	0.02									
		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	-1.22	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___3		17.45	16.41	15.32	14.92	15.08	18.06	24.02	26.24	23.39	21.91	20.47	20.32	20.55	21.47	21.84	22.47	25.32	32.04	32.63	32.27	28.65	24.23	21.44	20.04									
23573		0.21	0.37	0.36	0.34	0.35	0.23	0.28	0.49	0.28	0.28	0.20	0.22	0.20	0.17	0.26	0.44	0.59	0.81	0.86	0.79	0.75	0.48	0.25	0.02									
		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	-1.22	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___4 23574	17.45 0.21 0.00	16.41 0.37 0.00	15.32 0.36 0.00	14.92 0.34 0.00	15.08 0.35 0.00	18.06 0.23 0.00	24.02 0.28 0.00	26.24 0.49 0.00	23.39 0.28 0.00	21.91 0.28 0.00	20.47 0.20 0.00	20.32 0.22 0.00	20.55 0.20 0.00	21.47 0.17 0.00	21.84 0.26 0.00	22.47 0.44 0.00	25.32 0.59 0.00	32.04 0.81 -1.22	32.63 0.86 0.00	32.27 0.79 0.00	28.65 0.75 0.00	24.23 0.48 0.00	21.44 0.25 0.00	20.04 0.02 0.00
ALBANY___LFGE 323615	17.60 0.36 0.00	16.52 0.48 0.00	15.43 0.46 0.00	14.99 0.41 0.00	15.14 0.41 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.44 0.70 0.00	23.62 0.51 0.00	22.13 0.50 0.00	20.67 0.41 0.00	20.50 0.40 0.00	20.75 0.41 0.00	21.69 0.38 0.00	22.01 0.43 0.00	22.69 0.66 0.00	25.56 0.84 0.00	32.35 1.11 -1.23	32.98 1.21 0.00	32.62 1.13 0.00	28.93 1.03 0.00	24.47 0.71 0.00	21.61 0.42 0.00	20.24 0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	16.97 -0.28 0.00	15.78 -0.26 0.00	14.75 -0.21 0.00	14.39 -0.19 0.00	14.60 -0.13 0.00	17.63 -0.20 0.00	23.40 -0.33 0.00	25.34 -0.41 0.00	22.67 -0.44 0.00	21.27 -0.37 0.00	19.98 -0.28 0.00	19.78 -0.32 0.00	19.94 -0.41 0.00	20.88 -0.43 0.00	21.06 -0.52 0.00	21.50 -0.53 0.00	24.16 -0.57 0.00	29.48 -0.54 0.00	31.29 -0.48 0.00	31.01 -0.47 0.00	27.48 -0.42 0.00	23.50 -0.26 0.00	21.10 -0.08 0.00	19.90 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	16.97 -0.28 0.00	15.78 -0.26 0.00	14.75 -0.21 0.00	14.39 -0.19 0.00	14.60 -0.13 0.00	17.63 -0.20 0.00	23.40 -0.33 0.00	25.34 -0.41 0.00	22.67 -0.44 0.00	21.27 -0.37 0.00	19.98 -0.28 0.00	19.78 -0.32 0.00	19.94 -0.41 0.00	20.88 -0.43 0.00	21.06 -0.52 0.00	21.50 -0.53 0.00	24.16 -0.57 0.00	29.48 -0.54 0.00	31.29 -0.48 0.00	31.01 -0.47 0.00	27.48 -0.42 0.00	23.50 -0.26 0.00	21.10 -0.08 0.00	19.90 -0.12 0.00
ALCOA___DSASP 323711	16.97 -0.28 0.00	15.78 -0.26 0.00	14.75 -0.21 0.00	14.39 -0.19 0.00	14.58 -0.15 0.00	17.61 -0.21 0.00	23.40 -0.33 0.00	25.31 -0.44 0.00	22.67 -0.44 0.00	21.27 -0.37 0.00	19.98 -0.28 0.00	19.76 -0.34 0.00	19.94 -0.41 0.00	20.88 -0.43 0.00	21.17 -0.41 0.00	21.52 -0.51 0.00	24.16 -0.57 0.00	29.48 -0.54 0.00	31.20 -0.57 0.00	30.92 -0.57 0.00	27.48 -0.42 0.00	23.50 -0.26 0.00	21.10 -0.08 0.00	19.90 -0.12 0.00
ALLEGHENY___COGEN 23514	18.50 1.26 0.00	17.08 1.04 0.00	15.96 1.00 0.00	15.71 1.12 0.00	15.70 0.97 0.00	19.07 1.25 0.00	25.13 1.40 0.00	27.11 1.36 0.00	24.52 1.41 0.00	22.67 1.04 0.00	21.18 0.91 0.00	20.98 0.88 0.00	21.20 0.85 0.00	22.26 0.96 0.00	22.55 0.97 0.00	23.08 1.06 0.00	25.84 1.11 0.00	31.42 1.23 -0.17	33.33 1.56 0.00	33.47 1.98 0.00	29.52 1.62 0.00	25.40 1.64 0.00	22.46 1.27 0.00	21.46 1.44 0.00
ALTAMONT_115KV_TB 2 55880	17.69 0.45 0.00	16.50 0.47 0.00	15.40 0.43 0.00	14.99 0.41 0.00	15.17 0.44 0.00	18.29 0.46 0.00	24.37 0.64 0.00	26.57 0.82 0.00	23.76 0.65 0.00	22.26 0.63 0.00	20.77 0.51 0.00	20.62 0.52 0.00	20.90 0.55 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.82 0.79 0.00	25.69 0.96 0.00	32.44 1.20 -1.22	33.04 1.27 0.00	32.68 1.20 0.00	29.02 1.12 0.00	24.57 0.81 0.00	21.76 0.57 0.00	20.38 0.36 0.00
ALTONA_WT_PWR 323606	17.24 0.00 0.00	16.05 0.02 0.00	15.04 0.08 0.00	14.70 0.12 0.00	14.92 0.19 0.00	18.06 0.23 0.00	23.78 0.05 0.00	25.85 0.10 0.00	23.25 0.14 0.00	21.87 0.24 0.00	20.53 0.26 0.00	20.30 0.20 0.00	20.43 0.08 0.00	21.39 0.09 0.00	21.69 0.11 0.00	22.03 0.00 0.00	24.75 0.02 0.00	30.23 0.21 0.00	32.02 0.25 0.00	31.74 0.25 0.00	28.51 0.61 0.00	24.35 0.59 0.00	21.85 0.66 0.00	20.48 0.46 0.00
AMERICAN_REF_FUEL 24010	17.57 0.33 0.00	16.36 0.32 0.00	15.23 0.27 0.00	15.03 0.45 0.00	15.14 0.41 0.00	18.10 0.27 0.00	23.38 -0.36 0.00	24.82 -0.93 0.00	22.69 -0.42 0.00	21.16 -0.48 0.00	19.90 -0.36 0.00	19.78 -0.32 0.00	19.94 -0.41 0.00	21.01 -0.30 0.00	21.28 -0.30 0.00	21.74 -0.29 0.00	24.01 -0.72 0.00	28.83 -1.32 -0.14	30.31 -1.46 0.00	30.28 -1.07 0.13	26.81 -1.09 0.00	23.24 -0.52 0.00	20.66 -0.53 0.00	20.24 0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.45 1.21 0.00	17.00 0.96 0.00	15.87 0.91 0.00	15.62 1.04 0.00	15.70 0.97 0.00	18.82 1.00 0.00	24.66 0.92 0.00	26.47 0.72 0.00	24.22 1.11 0.00	22.52 0.89 0.00	21.20 0.93 0.00	21.08 0.98 0.00	21.26 0.92 0.00	22.39 1.09 0.00	22.68 1.10 0.00	23.22 1.19 0.00	25.76 1.04 0.00	30.71 0.54 -0.16	32.44 0.67 0.00	32.49 1.01 0.00	28.54 0.64 0.00	24.61 0.85 0.00	21.76 0.57 0.00	21.12 1.10 0.00
ARTHUR_KILL_GT_1 23520	18.09 0.84 -0.01	16.83 0.79 -0.01	15.66 0.69 -0.01	15.22 0.63 -0.01	15.41 0.68 -0.01	18.49 0.66 0.00	24.82 1.09 0.01	27.21 1.47 0.01	24.58 1.48 0.01	23.18 1.56 0.01	21.53 1.28 0.01	21.36 1.27 0.01	21.74 1.40 0.01	22.77 1.47 0.01	23.19 1.62 0.01	23.91 1.89 0.01	26.94 2.23 0.01	33.58 2.61 -0.95	31.47 2.57 2.87	31.47 2.39 2.40	29.73 1.84 0.01	25.27 1.52 0.01	22.26 1.08 0.01	20.99 0.96 -0.01
ARTHUR_KILL_2 23512	18.04 0.79 -0.01	16.80 0.75 -0.01	15.63 0.66 -0.01	15.19 0.60 -0.01	15.38 0.65 -0.01	18.45 0.62 0.00	24.77 1.04 0.01	27.15 1.42 0.01	24.51 1.41 0.01	23.12 1.49 0.01	21.47 1.22 0.01	21.32 1.23 0.01	21.68 1.34 0.01	22.72 1.43 0.01	23.13 1.55 0.01	23.85 1.83 0.01	26.87 2.15 0.01	33.49 2.52 -0.95	31.38 2.48 2.87	31.38 2.30 2.40	29.65 1.76 0.01	25.22 1.47 0.01	22.22 1.04 0.01	20.95 0.92 -0.01
ARTHUR_KILL_3 23513	17.97 0.72 0.00	16.74 0.70 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.35 0.62 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.50 1.39 0.00	23.08 1.45 0.00	21.46 1.20 0.00	21.28 1.19 0.00	21.65 1.30 0.00	22.69 1.38 0.00	23.09 1.51 0.00	23.79 1.76 0.00	26.80 2.08 0.00	33.32 2.34 -0.96	31.10 2.19 2.86	31.14 2.05 2.40	29.57 1.67 0.00	25.21 1.45 0.00	22.23 1.04 0.00	20.72 0.70 0.00
ARTHUR_KILL_COGEN 323718	18.09 0.84 -0.01	16.83 0.79 -0.01	15.66 0.69 -0.01	15.22 0.63 -0.01	15.41 0.68 -0.01	18.49 0.66 0.00	24.82 1.09 0.01	27.21 1.47 0.01	24.58 1.48 0.01	23.18 1.56 0.01	21.53 1.28 0.01	21.36 1.27 0.01	21.74 1.40 0.01	22.77 1.47 0.01	23.19 1.62 0.01	23.91 1.89 0.01	26.94 2.23 0.01	33.58 2.61 -0.95	31.47 2.57 2.87	31.47 2.39 2.40	29.73 1.84 0.01	25.27 1.52 0.01	22.26 1.08 0.01	20.99 0.96 -0.01
ASHOKAN____ 23654	18.04 0.79 0.00	16.81 0.77 0.00	15.69 0.73 0.00	15.25 0.67 0.00	15.42 0.69 0.00	18.56 0.73 0.00	24.94 1.21 0.00	27.03 1.29 0.00	24.10 0.99 0.00	22.48 0.84 0.00	20.91 0.65 0.00	20.72 0.62 0.00	20.96 0.61 0.00	21.88 0.58 0.00	22.27 0.69 0.00	23.06 1.04 0.00	26.03 1.31 0.00	32.13 1.02 -1.09	33.99 2.22 0.00	33.60 2.11 0.00	29.77 1.87 0.00	25.14 1.38 0.00	22.12 0.93 0.00	20.74 0.72 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.18 0.93 -0.01	16.93 0.88 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.59 0.77 0.00	24.86 1.14 0.01	27.28 1.54 0.01	24.63 1.52 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.21 1.62 -0.01	23.87 1.85 0.01	26.88 2.15 -0.01	33.46 2.49 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.71 1.81 0.01	25.29 1.54 0.01	22.33 1.14 0.00	20.87 0.84 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	18.18 0.93 -0.01	16.93 0.88 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.59 0.77 0.00	24.86 1.14 0.01	27.28 1.54 0.01	24.63 1.52 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.21 1.62 -0.01	23.87 1.85 0.01	26.88 2.15 -0.01	33.46 2.49 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.71 1.81 0.01	25.29 1.54 0.01	22.33 1.14 0.00	20.87 0.84 -0.01
ASTORIA_GT2_1 24094	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT2_2 24095	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT2_3 24096	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT2_4 24097	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT3_1 24098	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT3_2 24099	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT3_3 24100	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT3_4 24101	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT4_1 24102	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT4_2 24103	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT4_3 24104	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT4_4 24105	18.20 0.95 -0.01	16.95 0.90 -0.01	15.79 0.82 -0.01	15.39 0.80 -0.01	15.61 0.87 -0.01	18.70 0.87 0.00	24.89 1.16 0.00	27.37 1.62 0.00	24.65 1.55 0.01	23.23 1.60 0.01	21.59 1.34 0.01	21.42 1.33 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.18 2.41 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.89 0.86 -0.01
ASTORIA_GT_1 23523	18.22 0.96 -0.01	16.96 0.91 -0.01	15.82 0.85 -0.01	15.38 0.79 -0.01	15.58 0.84 -0.01	18.63 0.80 0.00	24.91 1.19 0.01	27.34 1.60 0.01	24.69 1.59 0.01	23.27 1.64 0.01	21.61 1.36 0.01	21.46 1.37 0.01	21.82 1.48 0.01	22.84 1.53 0.00	23.25 1.66 -0.01	23.93 1.92 0.01	26.93 2.20 -0.01	33.55 2.58 -0.95	34.27 2.51 0.01	33.81 2.33 0.01	29.76 1.87 0.01	25.34 1.59 0.01	22.37 1.19 0.00	20.93 0.90 -0.01

ASTORIA_GT_10 24110	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
ASTORIA_GT_11 24225	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
ASTORIA_GT_12 24226	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
ASTORIA_GT_13 24227	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
ASTORIA_GT_5 24106	18.22 0.96 -0.01	16.96 0.91 -0.01	15.82 0.85 -0.01	15.38 0.79 -0.01	15.58 0.84 -0.01	18.63 0.80 0.00	24.91 1.19 0.01	27.34 1.60 0.01	24.69 1.59 0.01	23.27 1.64 0.01	21.61 1.36 0.01	21.46 1.37 0.01	21.82 1.48 0.01	22.84 1.53 0.00	23.25 1.66 -0.01	23.93 1.92 0.01	26.93 2.20 -0.01	33.55 2.58 -0.95	34.27 2.51 0.01	33.81 2.33 0.01	29.76 1.87 0.01	25.34 1.59 0.01	22.37 1.19 0.00	20.93 0.90 -0.01
ASTORIA_GT_7 24107	18.22 0.96 -0.01	16.96 0.91 -0.01	15.82 0.85 -0.01	15.38 0.79 -0.01	15.58 0.84 -0.01	18.63 0.80 0.00	24.91 1.19 0.01	27.34 1.60 0.01	24.69 1.59 0.01	23.27 1.64 0.01	21.61 1.36 0.01	21.46 1.37 0.01	21.82 1.48 0.01	22.84 1.53 0.00	23.25 1.66 -0.01	23.93 1.92 0.01	26.93 2.20 -0.01	33.55 2.58 -0.95	34.27 2.51 0.01	33.81 2.33 0.01	29.76 1.87 0.01	25.34 1.59 0.01	22.37 1.19 0.00	20.93 0.90 -0.01
ASTORIA_GT_8 24108	18.22 0.97 -0.01	16.96 0.91 -0.01	15.82 0.85 -0.01	15.41 0.82 -0.01	15.62 0.88 -0.01	18.74 0.91 0.00	24.92 1.19 0.00	27.42 1.67 0.00	24.70 1.59 0.01	23.27 1.64 0.01	21.63 1.38 0.01	21.46 1.37 0.01	21.80 1.46 0.01	22.84 1.53 0.00	23.29 1.70 -0.01	23.93 1.92 0.01	26.93 2.20 -0.01	33.55 2.58 -0.95	34.24 2.48 0.01	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.93 0.90 -0.01
ASTORIA___2 24149	18.20 0.95 -0.01	16.94 0.90 -0.01	15.79 0.82 -0.01	15.36 0.77 -0.01	15.55 0.81 -0.01	18.61 0.78 0.00	24.86 1.14 0.01	27.28 1.54 0.01	24.65 1.55 0.01	23.23 1.60 0.01	21.57 1.32 0.01	21.42 1.33 0.01	21.78 1.44 0.01	22.79 1.49 0.00	23.21 1.62 -0.01	23.89 1.87 0.01	26.88 2.15 -0.01	33.49 2.52 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.73 1.84 0.01	25.29 1.54 0.01	22.33 1.14 0.00	20.89 0.86 -0.01
ASTORIA___3 23516	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.48 -0.01	23.28 1.55 -0.42	30.34 1.70 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.35 2.57 -0.01	33.91 2.42 0.00	29.85 1.95 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
ASTORIA___4 23517	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.71 1.59 0.00	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.28 1.56 -0.42	30.36 1.73 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
ASTORIA___5 23518	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.48 -0.01	23.28 1.55 -0.42	30.34 1.70 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.35 2.57 -0.01	33.91 2.42 0.00	29.85 1.95 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
AST_ENERGY_2_CC3 323677	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.18 0.60 0.00	15.38 0.65 0.00	18.58 0.75 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.57 1.46 0.00	23.17 1.54 0.00	21.52 1.26 0.00	21.34 1.25 0.00	21.71 1.36 0.00	22.75 1.45 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.85 2.13 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.69 1.79 0.00	25.28 1.52 0.00	22.31 1.12 0.00	20.78 0.76 0.00
AST_ENERGY_2_CC4 323678	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.18 0.60 0.00	15.38 0.65 0.00	18.58 0.75 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.57 1.46 0.00	23.17 1.54 0.00	21.52 1.26 0.00	21.34 1.25 0.00	21.71 1.36 0.00	22.75 1.45 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.85 2.13 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.69 1.79 0.00	25.28 1.52 0.00	22.31 1.12 0.00	20.78 0.76 0.00
ATHENS_STG_1 23668	17.78 0.54 0.00	16.55 0.51 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.36 0.53 0.00	24.51 0.78 0.00	26.70 0.95 0.00	23.97 0.86 0.00	22.50 0.87 0.00	20.97 0.71 0.00	20.80 0.70 0.00	21.10 0.75 0.00	22.07 0.77 0.00	22.44 0.86 0.00	23.08 1.06 0.00	25.96 1.24 0.00	32.63 1.53 -1.09	33.36 1.59 0.00	32.97 1.48 0.00	29.19 1.28 0.00	24.76 1.00 0.00	21.89 0.70 0.00	20.50 0.48 0.00
ATHENS_STG_2 23670	17.78 0.54 0.00	16.55 0.51 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.36 0.53 0.00	24.51 0.78 0.00	26.70 0.95 0.00	23.97 0.86 0.00	22.50 0.87 0.00	20.97 0.71 0.00	20.80 0.70 0.00	21.10 0.75 0.00	22.07 0.77 0.00	22.44 0.86 0.00	23.08 1.06 0.00	25.96 1.24 0.00	32.63 1.53 -1.09	33.36 1.59 0.00	32.97 1.48 0.00	29.19 1.28 0.00	24.76 1.00 0.00	21.89 0.70 0.00	20.50 0.48 0.00

ATHENS_STG_3 23677	17.78 0.54 0.00	16.55 0.51 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.36 0.53 0.00	24.51 0.78 0.00	26.70 0.95 0.00	23.97 0.86 0.00	22.50 0.87 0.00	20.97 0.71 0.00	20.80 0.70 0.00	21.10 0.75 0.00	22.07 0.77 0.00	22.44 0.86 0.00	23.08 1.06 0.00	25.96 1.24 0.00	32.63 1.53 -1.09	33.36 1.59 0.00	32.97 1.48 0.00	29.19 1.28 0.00	24.76 1.00 0.00	21.89 0.70 0.00	20.50 0.48 0.00
AUBURN____LFGE 323710	17.57 0.33 0.00	16.31 0.27 0.00	15.22 0.25 0.00	14.83 0.25 0.00	14.91 0.18 0.00	18.15 0.32 0.00	24.13 0.40 0.00	26.21 0.46 0.00	23.59 0.49 0.00	21.98 0.35 0.00	20.51 0.24 0.00	20.40 0.30 0.00	20.63 0.28 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.36 0.33 0.00	25.02 0.30 0.00	30.40 0.24 -0.14	32.05 0.29 0.00	32.39 0.44 -0.46	28.26 0.36 0.00	24.16 0.40 0.00	21.51 0.32 0.00	20.34 0.32 0.00
BABYLON_RES_REC 323704	18.54 1.29 0.00	17.21 1.17 0.00	15.94 0.97 0.00	15.41 0.83 0.00	15.67 0.94 0.00	19.23 1.39 -0.01	25.58 1.85 0.00	27.99 2.24 0.00	25.35 2.24 0.00	23.87 2.23 -0.01	22.12 1.84 -0.01	21.96 1.85 -0.01	22.33 1.97 -0.01	23.43 2.05 -0.08	24.19 2.20 -0.40	28.20 2.49 -3.68	31.93 2.82 -4.39	37.65 3.45 -4.18	36.84 3.53 -1.54	37.61 3.37 -2.75	33.80 2.85 -3.05	28.29 2.33 -2.21	23.11 1.91 -0.01	21.42 1.40 0.00
BABYLON__69_KV_BK2 356345	18.73 1.48 0.00	17.39 1.35 0.00	16.09 1.12 0.00	15.57 0.99 0.00	15.86 1.13 0.00	19.45 1.62 0.00	25.84 2.11 0.00	28.35 2.60 0.00	25.63 2.52 0.00	24.14 2.51 0.00	22.37 2.11 0.00	22.19 2.09 0.00	22.57 2.22 0.00	23.70 2.32 -0.08	24.49 2.50 -0.40	28.48 2.78 -3.68	32.27 3.16 -4.38	39.31 3.87 -5.42	38.27 3.94 -2.56	39.14 3.78 -3.88	35.59 3.24 -4.46	28.67 2.71 -2.21	23.44 2.25 0.00	21.66 1.64 0.00
BALL_HILL_WT_PWR 323825	18.16 0.91 0.00	16.74 0.71 0.00	15.61 0.64 0.00	15.30 0.71 0.00	15.23 0.50 0.00	18.50 0.68 0.00	24.21 0.47 0.00	25.70 -0.05 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.75 0.49 0.00	20.64 0.54 0.00	20.85 0.51 0.00	21.94 0.64 0.00	22.31 0.73 0.00	22.78 0.75 0.00	25.24 0.52 0.00	30.11 -0.06 -0.15	31.71 -0.06 0.00	31.74 0.25 0.00	27.98 0.08 0.00	24.21 0.45 0.00	21.51 0.32 0.00	20.88 0.86 0.00
BARON_WINDS____WT_PWR 323822	17.95 0.71 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.19 0.61 0.00	15.29 0.56 0.00	18.45 0.62 0.00	24.30 0.57 0.00	26.13 0.39 0.00	23.66 0.55 0.00	22.02 0.39 0.00	20.63 0.37 0.00	20.54 0.44 0.00	20.73 0.39 0.00	21.81 0.51 0.00	22.12 0.54 0.00	22.67 0.64 0.00	25.24 0.52 0.00	30.38 0.15 -0.21	32.05 0.29 0.00	32.02 0.53 0.00	28.32 0.42 0.00	24.31 0.55 0.00	21.53 0.34 0.00	20.72 0.70 0.00
BARRETT_IC_1 23704	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_10 23701	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_11 23702	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_12 23703	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_2 23705	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_3 23706	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_4 23707	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_5 23708	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_6 23709	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00

BARRETT_IC_7 23710	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.34 0.76 0.00	15.61 0.88 0.00	19.04 1.21 0.00	25.37 1.64 0.00	27.68 1.93 0.00	25.05 1.94 0.00	23.58 1.95 0.00	21.90 1.64 0.00	21.73 1.63 0.00	22.08 1.73 0.00	23.13 1.75 -0.07	23.90 1.92 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.48 2.86 -0.85	36.19 2.71 -2.00	32.33 2.32 -2.11	27.86 1.90 -2.20	22.84 1.65 0.00	21.24 1.22 0.00
BARRETT_IC_8 23711	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT_IC_9 23700	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT___1 23545	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BARRETT___2 23546	18.38 1.14 0.00	17.07 1.03 0.00	15.83 0.87 0.00	15.31 0.73 0.00	15.55 0.82 0.00	19.03 1.19 -0.01	25.37 1.64 0.00	27.63 1.88 0.00	25.05 1.94 0.00	23.59 1.95 -0.01	21.89 1.62 -0.01	21.73 1.63 -0.01	22.08 1.73 -0.01	23.13 1.75 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.46 2.35 -4.38	36.24 2.88 -3.35	35.51 2.89 -0.85	36.22 2.74 -2.00	32.30 2.29 -2.11	27.84 1.88 -2.20	22.79 1.59 -0.01	21.24 1.22 0.00
BATAVIA___115KV_TB1 55881	18.10 0.86 0.00	16.78 0.74 0.00	15.59 0.63 0.00	15.34 0.76 0.00	15.23 0.50 0.00	18.52 0.70 0.00	24.23 0.50 0.00	25.57 -0.18 0.00	23.62 0.51 0.00	21.96 0.32 0.00	20.61 0.34 0.00	20.40 0.30 0.00	20.65 0.31 0.00	21.73 0.43 0.00	22.10 0.52 0.00	22.49 0.46 0.00	24.95 0.22 0.00	30.12 -0.03 -0.14	31.64 -0.13 0.00	31.59 0.25 0.15	27.96 0.06 0.00	24.19 0.43 0.00	21.53 0.34 0.00	20.90 0.88 0.00
BAYONEEC___CTG1 323682	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG10 323750	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG2 323683	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG3 323684	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG4 323685	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG5 323686	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG6 323687	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG7 323688	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BAYONEEC___CTG8 323689	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00

BAYONEEC___CTG9 323749	18.04 0.79 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.15 2.38 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BEACON___LESR 323632	17.72 0.48 0.00	16.63 0.59 0.00	15.52 0.55 0.00	15.08 0.50 0.00	15.23 0.50 0.00	18.33 0.50 0.00	24.44 0.71 0.00	26.65 0.90 0.00	23.80 0.69 0.00	22.26 0.63 0.00	20.79 0.53 0.00	20.60 0.50 0.00	20.87 0.53 0.00	21.79 0.49 0.00	22.12 0.54 0.00	22.82 0.79 0.00	25.74 1.01 0.00	32.58 1.35 -1.22	33.26 1.49 0.00	32.91 1.42 0.00	29.19 1.28 0.00	24.66 0.90 0.00	21.76 0.57 0.00	20.38 0.36 0.00
BEAVER RIVER___HYD 24048	17.33 0.09 0.00	16.14 0.10 0.00	15.05 0.09 0.00	14.66 0.07 0.00	14.80 0.07 0.00	17.99 0.16 0.00	23.94 0.21 0.00	25.93 0.18 0.00	23.18 0.07 0.00	21.57 -0.06 0.00	20.10 -0.16 0.00	19.88 -0.22 0.00	20.06 -0.28 0.00	21.03 -0.28 0.00	21.30 -0.28 0.00	21.83 -0.20 0.00	24.53 -0.20 0.00	29.94 -0.12 -0.05	31.77 0.00 0.00	31.65 0.16 0.00	28.07 0.17 0.00	24.02 0.26 0.00	21.40 0.21 0.00	20.16 0.14 0.00
BEEBEE_GT_13 23619	17.72 0.48 0.00	16.41 0.37 0.00	15.31 0.34 0.00	14.98 0.39 0.00	14.92 0.19 0.00	18.15 0.32 0.00	23.94 0.21 0.00	25.52 -0.23 0.00	23.34 0.23 0.00	21.76 0.13 0.00	20.38 0.12 0.00	20.22 0.12 0.00	20.47 0.12 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.20 0.18 0.00	24.70 -0.02 0.00	29.97 -0.18 -0.13	31.42 -0.35 0.00	31.24 -0.06 0.18	27.73 -0.17 0.00	23.90 0.14 0.00	21.27 0.08 0.00	20.50 0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.23 0.98 -0.01	16.96 0.91 -0.01	15.78 0.81 -0.01	15.36 0.77 -0.01	15.59 0.85 -0.01	18.74 0.91 0.00	25.11 1.38 0.00	27.60 1.85 0.00	24.85 1.73 -0.01	30.49 1.80 -7.06	21.79 1.52 -0.01	21.61 1.51 -0.01	21.98 1.63 -0.01	23.45 1.73 -0.42	30.54 1.90 -7.06	30.52 2.14 -6.36	32.47 2.50 -5.24	33.93 2.94 -0.97	34.64 2.86 -0.01	34.16 2.68 0.00	30.08 2.18 0.00	25.56 1.81 0.00	22.57 1.38 0.00	21.07 1.04 -0.01
BETHLEHEM___GRP 23843	17.45 0.21 0.00	16.41 0.37 0.00	15.32 0.36 0.00	14.92 0.34 0.00	15.08 0.35 0.00	18.06 0.23 0.00	24.02 0.28 0.00	26.24 0.49 0.00	23.39 0.28 0.00	21.91 0.28 0.00	20.47 0.20 0.00	20.32 0.22 0.00	20.55 0.20 0.00	21.47 0.17 0.00	21.84 0.26 0.00	22.47 0.44 0.00	25.32 0.59 0.00	32.04 0.81 -1.22	32.63 0.86 0.00	32.27 0.79 0.00	28.65 0.75 0.00	24.23 0.48 0.00	21.44 0.25 0.00	20.04 0.02 0.00
BETHLEHEM___GS1 323560	17.45 0.21 0.00	16.41 0.37 0.00	15.32 0.36 0.00	14.90 0.32 0.00	15.04 0.31 0.00	18.04 0.21 0.00	24.02 0.29 0.00	26.18 0.44 0.00	23.39 0.28 0.00	21.91 0.28 0.00	20.49 0.22 0.00	20.32 0.22 0.00	20.57 0.22 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.47 0.44 0.00	25.32 0.59 0.00	32.04 0.81 -1.22	32.66 0.89 0.00	32.27 0.79 0.00	28.63 0.72 0.00	24.23 0.47 0.00	21.40 0.21 0.00	20.04 0.02 0.00
BETHLEHEM___GS2 323561	17.45 0.21 0.00	16.41 0.37 0.00	15.32 0.36 0.00	14.90 0.32 0.00	15.04 0.31 0.00	18.04 0.21 0.00	24.02 0.29 0.00	26.18 0.44 0.00	23.39 0.28 0.00	21.91 0.28 0.00	20.49 0.22 0.00	20.32 0.22 0.00	20.57 0.22 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.47 0.44 0.00	25.32 0.59 0.00	32.04 0.81 -1.22	32.66 0.89 0.00	32.27 0.79 0.00	28.63 0.72 0.00	24.23 0.47 0.00	21.40 0.21 0.00	20.04 0.02 0.00
BETHLEHEM___GS3 323562	17.45 0.21 0.00	16.41 0.37 0.00	15.32 0.36 0.00	14.90 0.32 0.00	15.04 0.31 0.00	18.04 0.21 0.00	24.02 0.29 0.00	26.18 0.44 0.00	23.39 0.28 0.00	21.91 0.28 0.00	20.49 0.22 0.00	20.32 0.22 0.00	20.57 0.22 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.47 0.44 0.00	25.32 0.59 0.00	32.04 0.81 -1.22	32.66 0.89 0.00	32.27 0.79 0.00	28.63 0.72 0.00	24.23 0.47 0.00	21.40 0.21 0.00	20.04 0.02 0.00
BETHLEHEM___STEEL 23779	18.09 0.84 0.00	16.70 0.66 0.00	15.55 0.58 0.00	15.25 0.67 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.11 0.38 0.00	25.52 -0.23 0.00	23.57 0.46 0.00	21.94 0.30 0.00	20.63 0.36 0.00	20.50 0.40 0.00	20.71 0.37 0.00	21.82 0.51 0.00	22.16 0.58 0.00	22.62 0.59 0.00	25.05 0.32 0.00	29.86 -0.30 -0.15	31.42 -0.35 0.00	31.38 0.00 0.11	27.79 -0.11 0.00	24.04 0.29 0.00	21.38 0.19 0.00	20.82 0.80 0.00
BETHLHEM_115KV_TB1 79974	17.50 0.26 0.00	16.42 0.38 0.00	15.34 0.37 0.00	14.93 0.35 0.00	15.10 0.37 0.00	18.11 0.29 0.00	24.09 0.36 0.00	26.31 0.57 0.00	23.48 0.37 0.00	22.00 0.37 0.00	20.53 0.26 0.00	20.38 0.28 0.00	20.63 0.28 0.00	21.56 0.26 0.00	21.93 0.35 0.00	22.56 0.53 0.00	25.42 0.69 0.00	32.13 0.90 -1.22	32.72 0.95 0.00	32.37 0.88 0.00	28.71 0.81 0.00	24.30 0.55 0.00	21.51 0.32 0.00	20.12 0.10 0.00
BETHPAGE_CC_5 323564	18.49 1.24 0.00	17.16 1.12 0.00	15.91 0.94 0.00	15.38 0.80 0.00	15.64 0.91 0.00	19.16 1.32 -0.01	25.46 1.73 0.00	27.81 2.06 0.00	25.19 2.08 0.00	23.74 2.10 -0.01	21.99 1.72 -0.01	21.84 1.73 -0.01	22.21 1.85 -0.01	23.30 1.92 -0.08	24.04 2.05 -0.40	28.04 2.33 -3.68	31.70 2.60 -4.39	36.94 3.18 -3.74	36.16 3.21 -1.18	36.90 3.05 -2.36	33.02 2.57 -2.56	28.08 2.11 -2.21	22.96 1.76 -0.01	21.32 1.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.10 0.86 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.27 0.69 0.00	15.20 0.47 0.00	18.45 0.62 0.00	24.16 0.43 0.00	25.57 -0.18 0.00	23.64 0.53 0.00	22.00 0.37 0.00	20.67 0.41 0.00	20.54 0.44 0.00	20.77 0.43 0.00	21.86 0.55 0.00	22.23 0.65 0.00	22.69 0.66 0.00	25.12 0.40 0.00	29.93 -0.24 -0.15	31.55 -0.22 0.00	31.58 0.09 0.00	27.87 -0.03 0.00	24.11 0.36 0.00	21.44 0.25 0.00	20.86 0.84 0.00
BINGHAMTON___COGEN 23790	17.71 0.47 0.00	16.42 0.38 0.00	15.32 0.36 0.00	14.95 0.36 0.00	15.04 0.31 0.00	18.26 0.43 0.00	24.25 0.52 0.00	26.21 0.46 0.00	23.62 0.51 0.00	22.02 0.39 0.00	20.59 0.32 0.00	20.46 0.36 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.56 0.53 0.00	25.27 0.54 0.00	30.78 0.45 -0.32	32.28 0.51 0.00	32.34 0.63 -0.22	28.43 0.53 0.00	24.28 0.52 0.00	21.57 0.38 0.00	20.46 0.44 0.00
BIXINCNT_115KV_LOAD 355685	18.28 1.03 0.00	16.84 0.80 0.00	15.69 0.73 0.00	15.40 0.82 0.00	15.33 0.60 0.00	18.61 0.78 0.00	24.42 0.69 0.00	25.90 0.15 0.00	23.92 0.81 0.00	22.24 0.61 0.00	20.87 0.61 0.00	20.78 0.68 0.00	20.98 0.63 0.00	22.09 0.79 0.00	22.44 0.86 0.00	22.95 0.93 0.00	25.47 0.74 0.00	30.24 0.06 -0.16	31.96 0.19 0.00	32.02 0.54 0.00	28.18 0.28 0.00	24.35 0.59 0.00	21.63 0.44 0.00	21.02 1.00 0.00

BLACK RIVER___HYD 24047	17.59 0.34 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	14.99 0.27 0.00	18.27 0.45 0.00	24.35 0.62 0.00	26.34 0.59 0.00	23.57 0.46 0.00	21.85 0.22 0.00	20.34 0.08 0.00	20.14 0.04 0.00	20.33 -0.02 0.00	21.30 0.00 0.00	21.58 0.00 0.00	22.14 0.11 0.00	24.87 0.15 0.00	30.38 0.30 -0.06	32.25 0.48 0.00	32.21 0.72 0.00	28.51 0.61 0.00	24.37 0.62 0.00	21.68 0.49 0.00	20.44 0.42 0.00
BLACKRVR_115KV_TB2 79977	17.59 0.34 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.86 0.28 0.00	14.98 0.25 0.00	18.27 0.45 0.00	24.35 0.62 0.00	26.31 0.57 0.00	23.57 0.46 0.00	21.85 0.22 0.00	20.34 0.08 0.00	20.14 0.04 0.00	20.33 -0.02 0.00	21.30 0.00 0.00	21.62 0.04 0.00	22.14 0.11 0.00	24.87 0.15 0.00	30.38 0.30 -0.06	32.25 0.48 0.00	32.21 0.72 0.00	28.51 0.61 0.00	24.35 0.59 0.00	21.65 0.47 0.00	20.44 0.42 0.00
BLISS_WT_PWR 323608	18.29 1.05 0.00	16.86 0.82 0.00	15.72 0.76 0.00	15.49 0.90 0.00	15.57 0.84 0.00	18.67 0.84 0.00	24.47 0.74 0.00	26.18 0.44 0.00	23.94 0.83 0.00	22.26 0.63 0.00	20.91 0.65 0.00	20.82 0.72 0.00	20.98 0.63 0.00	22.11 0.81 0.00	22.40 0.82 0.00	22.97 0.95 0.00	25.49 0.77 0.00	30.30 0.12 -0.16	32.12 0.35 0.00	32.18 0.69 0.00	28.26 0.36 0.00	24.37 0.62 0.00	21.59 0.40 0.00	21.02 1.00 0.00
BLUESTONE___WT_PWR 323821	18.43 1.19 0.00	17.14 1.11 0.00	15.99 1.03 0.00	15.57 0.99 0.00	15.70 0.97 0.00	19.13 1.30 0.00	25.46 1.73 0.00	27.63 1.88 0.00	24.68 1.57 0.00	22.89 1.25 0.00	21.24 0.97 0.00	21.04 0.94 0.00	21.26 0.92 0.00	22.33 1.02 0.00	22.66 1.08 0.00	23.44 1.41 0.00	26.28 1.56 0.00	32.30 1.92 -0.36	33.93 2.16 0.00	34.07 2.39 -0.19	29.94 2.04 0.00	25.52 1.76 0.00	22.55 1.36 0.00	21.28 1.26 0.00
BLUE_CIRC_CHEM_DRP 24182	17.74 0.50 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.36 0.53 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.80 0.69 0.00	22.26 0.63 0.00	20.79 0.53 0.00	20.62 0.52 0.00	20.90 0.55 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.84 0.81 0.00	25.74 1.01 0.00	32.54 1.32 -1.20	33.17 1.40 0.00	32.84 1.35 0.00	29.16 1.26 0.00	24.68 0.93 0.00	21.85 0.66 0.00	20.44 0.42 0.00
BOC_GAS_DRP 24189	17.62 0.38 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.95 0.36 0.00	15.13 0.40 0.00	18.22 0.39 0.00	24.28 0.55 0.00	26.47 0.72 0.00	23.69 0.58 0.00	22.20 0.56 0.00	20.71 0.45 0.00	20.56 0.46 0.00	20.81 0.47 0.00	21.77 0.47 0.00	22.14 0.56 0.00	22.75 0.73 0.00	25.59 0.87 0.00	32.34 1.11 -1.22	32.91 1.14 0.00	32.56 1.07 0.00	28.88 0.98 0.00	24.47 0.71 0.00	21.70 0.51 0.00	20.30 0.28 0.00
BOONVILLE_115KV_TB1 79983	17.59 0.34 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	15.01 0.28 0.00	18.24 0.41 0.00	24.28 0.55 0.00	26.26 0.51 0.00	23.53 0.42 0.00	21.91 0.28 0.00	20.44 0.18 0.00	20.26 0.16 0.00	20.47 0.12 0.00	21.45 0.15 0.00	21.75 0.17 0.00	22.27 0.24 0.00	25.00 0.27 0.00	30.45 0.39 -0.04	32.25 0.48 0.00	32.09 0.60 0.00	28.40 0.50 0.00	24.23 0.48 0.00	21.57 0.38 0.00	20.38 0.36 0.00
BORALEX_4TH_BRANCH 23824	17.98 0.74 0.00	16.74 0.70 0.00	15.59 0.63 0.00	15.17 0.58 0.00	15.33 0.60 0.00	18.59 0.77 0.00	24.82 1.09 0.00	27.01 1.26 0.00	24.15 1.04 0.00	22.61 0.97 0.00	21.07 0.81 0.00	20.90 0.80 0.00	21.20 0.85 0.00	22.11 0.81 0.00	22.44 0.86 0.00	23.17 1.14 0.00	26.13 1.41 0.00	33.12 1.89 -1.21	33.87 2.10 0.00	33.41 1.92 0.00	29.60 1.70 0.00	24.99 1.23 0.00	22.08 0.89 0.00	20.70 0.68 0.00
BOWLINE___1 23526	17.97 0.72 0.00	16.70 0.66 0.00	15.54 0.58 0.00	15.11 0.52 0.00	15.30 0.57 0.00	18.50 0.68 0.00	24.77 1.04 0.00	27.03 1.29 0.00	24.33 1.22 0.00	22.89 1.25 0.00	21.30 1.03 0.00	21.12 1.02 0.00	21.48 1.14 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.57 1.54 0.00	26.53 1.80 0.00	33.13 2.19 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.60 1.70 0.00	25.14 1.38 0.00	22.18 1.00 0.00	20.68 0.66 0.00
BOWLINE___2 23595	17.97 0.72 0.00	16.70 0.66 0.00	15.54 0.58 0.00	15.11 0.52 0.00	15.30 0.57 0.00	18.50 0.68 0.00	24.77 1.04 0.00	27.03 1.29 0.00	24.33 1.22 0.00	22.89 1.25 0.00	21.30 1.03 0.00	21.12 1.02 0.00	21.48 1.14 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.57 1.54 0.00	26.53 1.80 0.00	33.13 2.19 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.60 1.70 0.00	25.14 1.38 0.00	22.18 1.00 0.00	20.68 0.66 0.00
BRADY___115KV_TB2 356060	17.04 -0.21 0.00	15.86 -0.18 0.00	14.83 -0.13 0.00	14.47 -0.12 0.00	14.67 -0.06 0.00	17.72 -0.11 0.00	23.52 -0.21 0.00	25.46 -0.28 0.00	22.76 -0.35 0.00	21.29 -0.35 0.00	19.96 -0.30 0.00	19.74 -0.36 0.00	19.90 -0.45 0.00	20.84 -0.47 0.00	21.02 -0.56 0.00	21.48 -0.55 0.00	24.16 -0.57 0.00	29.54 -0.48 0.00	31.39 -0.38 0.00	31.14 -0.35 0.00	27.65 -0.25 0.00	23.66 -0.10 0.00	21.23 0.04 0.00	20.00 -0.02 0.00
BRANSCOMB___SOLAR 323811	18.09 0.84 0.00	16.86 0.82 0.00	15.69 0.73 0.00	15.27 0.69 0.00	15.44 0.71 0.00	18.72 0.89 0.00	25.06 1.33 0.00	27.29 1.54 0.00	24.31 1.20 0.00	22.76 1.12 0.00	21.20 0.93 0.00	21.00 0.91 0.00	21.30 0.96 0.00	22.24 0.94 0.00	22.55 0.97 0.00	23.13 1.10 0.00	26.11 1.38 0.00	33.09 1.83 -1.24	33.87 2.10 0.00	33.53 2.05 0.00	29.91 2.01 0.00	25.26 1.50 0.00	22.29 1.10 0.00	20.88 0.86 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.64 1.40 0.00	17.29 1.25 0.00	16.01 1.05 0.00	15.49 0.90 0.00	15.77 1.05 0.00	19.36 1.53 0.00	25.70 1.97 0.00	28.20 2.45 0.00	25.51 2.40 0.00	24.02 2.38 0.00	22.25 1.99 0.00	22.09 1.99 0.00	22.44 2.10 0.00	23.57 2.19 -0.08	24.36 2.37 -0.40	28.35 2.64 -3.68	32.10 2.99 -4.38	39.11 3.63 -5.46	38.05 3.69 -2.59	38.92 3.53 -3.91	35.41 3.01 -4.50	28.53 2.57 -2.21	23.31 2.12 0.00	21.54 1.52 0.00
BRISTLHL_115KV_TB1 79998	17.59 0.34 0.00	16.34 0.30 0.00	15.23 0.27 0.00	14.86 0.28 0.00	14.94 0.21 0.00	18.17 0.34 0.00	24.23 0.50 0.00	26.03 0.28 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.47 0.20 0.00	20.36 0.26 0.00	20.57 0.22 0.00	21.56 0.26 0.00	21.90 0.32 0.00	22.27 0.24 0.00	24.92 0.20 0.00	30.21 0.09 -0.10	31.93 0.16 0.00	31.93 0.28 -0.16	28.12 0.22 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.48 0.46 0.00
BROOKHAVEN___DRP 24191	18.71 1.47 0.00	17.36 1.32 0.00	16.06 1.09 0.00	15.54 0.96 0.00	15.83 1.10 0.00	19.45 1.62 0.00	25.80 2.06 0.00	28.37 2.63 0.00	25.65 2.54 0.00	24.12 2.49 0.00	22.33 2.07 0.00	22.15 2.05 0.00	22.52 2.18 0.00	23.68 2.30 -0.08	24.49 2.50 -0.40	28.46 2.75 -3.68	32.22 3.12 -4.38	46.29 3.81 -12.47	44.01 3.88 -8.37	45.48 3.75 -10.25	43.53 3.21 -12.42	28.70 2.73 -2.21	23.44 2.25 0.00	21.60 1.58 0.00

BROOKLYN_NAVY_YARD 23515	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.59 0.77 0.00	24.92 1.19 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.19 1.56 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.20 1.62 0.00	23.90 1.87 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.18 2.41 0.00	33.72 2.24 0.00	29.69 1.79 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
BROOKLYN___ARMY_DRP 323595	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
BROOKVLE_69_KV_TB1 55790	18.38 1.14 0.00	17.07 1.03 0.00	15.85 0.88 0.00	15.38 0.80 0.00	15.63 0.90 0.00	19.02 1.19 0.00	25.37 1.64 0.00	27.76 2.01 0.00	25.05 1.94 0.00	23.54 1.90 0.00	21.90 1.64 0.00	21.73 1.63 0.00	22.08 1.73 0.00	23.21 1.83 -0.08	23.99 2.01 -0.40	27.95 2.25 -3.68	31.65 2.55 -4.38	36.48 3.00 -3.46	35.70 2.99 -0.95	36.42 2.83 -2.10	32.59 2.46 -2.24	28.03 2.07 -2.21	22.86 1.67 0.00	21.22 1.20 0.00
BROOME_2_LFGE 323671	17.71 0.47 0.00	16.42 0.38 0.00	15.32 0.36 0.00	14.96 0.38 0.00	15.08 0.35 0.00	18.25 0.43 0.00	24.25 0.52 0.00	26.26 0.51 0.00	23.62 0.51 0.00	22.02 0.39 0.00	20.59 0.32 0.00	20.46 0.36 0.00	20.69 0.35 0.00	21.71 0.40 0.00	22.01 0.43 0.00	22.55 0.53 0.00	25.27 0.54 0.00	30.79 0.45 -0.32	32.34 0.57 0.00	32.37 0.66 -0.22	28.46 0.56 0.00	24.28 0.52 0.00	21.55 0.36 0.00	20.46 0.44 0.00
BROOME___LFGE 323600	17.71 0.47 0.00	16.42 0.38 0.00	15.32 0.36 0.00	14.96 0.38 0.00	15.08 0.35 0.00	18.25 0.43 0.00	24.25 0.52 0.00	26.26 0.51 0.00	23.62 0.51 0.00	22.02 0.39 0.00	20.59 0.32 0.00	20.46 0.36 0.00	20.69 0.35 0.00	21.71 0.40 0.00	22.01 0.43 0.00	22.55 0.53 0.00	25.27 0.54 0.00	30.79 0.45 -0.32	32.34 0.57 0.00	32.37 0.66 -0.22	28.46 0.56 0.00	24.28 0.52 0.00	21.55 0.36 0.00	20.46 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.49 -0.09 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.56 -0.17 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.62 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	20.95 -0.63 0.00	21.43 -0.59 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.26 -0.51 0.00	31.11 -0.38 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
BROWNSV1_27_KV_LOAD 356125	18.17 0.93 0.00	16.91 0.87 0.00	15.74 0.78 0.00	15.31 0.73 0.00	15.55 0.82 0.00	18.75 0.93 0.00	25.11 1.38 0.00	27.60 1.85 0.00	24.82 1.71 0.00	23.39 1.75 0.00	21.74 1.48 0.00	21.56 1.47 0.00	21.91 1.57 0.00	22.97 1.66 0.00	23.41 1.83 0.00	24.10 2.07 0.00	27.12 2.40 0.00	33.80 2.82 -0.96	34.47 2.70 0.00	34.01 2.52 0.00	29.99 2.09 0.00	25.52 1.76 0.00	22.57 1.38 0.00	20.96 0.94 0.00
BURROWS___LYONSDAL 23803	17.54 0.29 0.00	16.33 0.29 0.00	15.23 0.27 0.00	14.83 0.25 0.00	14.96 0.24 0.00	18.18 0.36 0.00	24.23 0.50 0.00	26.21 0.46 0.00	23.46 0.35 0.00	21.85 0.22 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.39 0.04 0.00	21.37 0.06 0.00	21.67 0.09 0.00	22.18 0.15 0.00	24.90 0.17 0.00	30.36 0.30 -0.04	32.18 0.41 0.00	31.99 0.50 0.00	28.35 0.45 0.00	24.19 0.43 0.00	21.53 0.34 0.00	20.34 0.32 0.00
CAITHNESS_CC_1 323624	18.64 1.40 0.00	17.31 1.27 0.00	16.01 1.05 0.00	15.47 0.89 0.00	15.74 1.02 0.00	19.37 1.53 -0.01	25.70 1.97 0.00	28.20 2.45 0.00	25.54 2.43 0.00	24.04 2.40 -0.01	22.24 1.96 -0.01	22.08 1.97 -0.01	22.47 2.12 -0.01	23.60 2.22 -0.08	24.36 2.37 -0.40	28.35 2.64 -3.68	32.12 3.02 -4.38	46.12 3.69 -12.41	43.87 3.78 -8.32	45.31 3.62 -10.20	43.36 3.10 -12.36	28.51 2.54 -2.21	23.28 2.08 -0.01	21.52 1.50 0.00
CALPINE BETH_PAGE_GT4 24209	18.49 1.24 0.00	17.16 1.12 0.00	15.91 0.94 0.00	15.41 0.83 0.00	15.69 0.96 0.00	19.17 1.34 0.00	25.44 1.71 0.00	27.81 2.06 0.00	25.14 2.03 0.00	23.67 2.03 0.00	21.97 1.70 0.00	21.79 1.69 0.00	22.14 1.79 0.00	23.23 1.85 -0.08	24.01 2.03 -0.40	27.98 2.27 -3.68	31.61 2.50 -4.38	36.75 3.03 -3.70	35.96 3.05 -1.14	36.70 2.90 -2.32	32.86 2.46 -2.51	28.01 2.04 -2.21	22.95 1.76 0.00	21.26 1.24 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.49 1.24 0.00	17.16 1.12 0.00	15.91 0.94 0.00	15.38 0.80 0.00	15.64 0.91 0.00	19.14 1.30 -0.01	25.42 1.69 0.00	27.76 2.01 0.00	25.15 2.03 0.00	23.68 2.03 -0.01	21.95 1.68 -0.01	21.80 1.69 -0.01	22.17 1.81 -0.01	23.23 1.85 -0.08	23.99 2.01 -0.40	27.98 2.27 -3.68	31.60 2.50 -4.38	36.74 3.03 -3.70	35.99 3.08 -1.14	36.73 2.93 -2.32	32.86 2.46 -2.51	27.96 2.00 -2.21	22.89 1.70 -0.01	21.26 1.24 0.00
CALPINE_BP_GT1 23823	18.49 1.24 0.00	17.16 1.12 0.00	15.91 0.94 0.00	15.38 0.80 0.00	15.64 0.91 0.00	19.14 1.30 -0.01	25.42 1.69 0.00	27.76 2.01 0.00	25.15 2.03 0.00	23.68 2.03 -0.01	21.95 1.68 -0.01	21.80 1.69 -0.01	22.17 1.81 -0.01	23.23 1.85 -0.08	23.99 2.01 -0.40	27.98 2.27 -3.68	31.60 2.50 -4.38	36.74 3.03 -3.70	35.99 3.08 -1.14	36.73 2.93 -2.32	32.86 2.46 -2.51	27.96 2.00 -2.21	22.89 1.70 -0.01	21.26 1.24 0.00
CALSPAN___DRP 24200	18.09 0.84 0.00	16.70 0.66 0.00	15.55 0.58 0.00	15.25 0.67 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.11 0.38 0.00	25.52 -0.23 0.00	23.57 0.46 0.00	21.94 0.30 0.00	20.63 0.36 0.00	20.50 0.40 0.00	20.71 0.37 0.00	21.82 0.51 0.00	22.16 0.58 0.00	22.62 0.59 0.00	25.05 0.32 0.00	29.86 -0.30 -0.15	31.42 -0.35 0.00	31.38 0.00 0.11	27.79 -0.11 0.00	24.04 0.29 0.00	21.38 0.19 0.00	20.82 0.80 0.00
CALVERTON___SOLAR 323806	18.78 1.53 0.00	17.42 1.38 0.00	16.13 1.17 0.00	15.57 0.99 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.45 2.70 0.00	25.77 2.66 0.00	24.24 2.59 -0.01	22.40 2.13 -0.01	22.24 2.13 -0.01	22.65 2.30 -0.01	23.79 2.41 -0.08	24.55 2.57 -0.40	28.57 2.86 -3.68	32.37 3.26 -4.38	46.50 3.99 -12.49	44.28 4.13 -8.39	45.73 3.97 -10.27	43.75 3.40 -12.45	28.74 2.78 -2.21	23.47 2.27 -0.01	21.68 1.66 0.00
CANDIGU_WT_PWR 323617	17.95 0.71 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.19 0.61 0.00	15.29 0.56 0.00	18.45 0.62 0.00	24.30 0.57 0.00	26.13 0.39 0.00	23.66 0.55 0.00	22.02 0.39 0.00	20.63 0.37 0.00	20.54 0.44 0.00	20.73 0.39 0.00	21.81 0.51 0.00	22.12 0.54 0.00	22.67 0.64 0.00	25.24 0.52 0.00	30.38 0.15 -0.21	32.05 0.29 0.00	32.02 0.53 0.00	28.32 0.42 0.00	24.31 0.55 0.00	21.53 0.34 0.00	20.72 0.70 0.00

CARR STREET_E__SYR 24060	17.29 0.05 0.00	16.05 0.02 0.00	14.98 0.01 0.00	14.63 0.04 0.00	14.73 0.00 0.00	17.86 0.04 0.00	23.75 0.02 0.00	25.64 -0.10 0.00	23.11 0.00 0.00	21.55 -0.09 0.00	20.16 -0.10 0.00	20.04 -0.06 0.00	20.24 -0.10 0.00	21.24 -0.06 0.00	21.49 -0.09 0.00	21.90 -0.13 0.00	24.45 -0.27 0.00	29.58 -0.54 -0.11	31.23 -0.54 0.00	31.23 -0.44 -0.18	27.51 -0.39 0.00	23.57 -0.19 0.00	21.04 -0.15 0.00	20.08 0.06 0.00
CARTHAGE__PAPER 23857	17.40 0.15 0.00	16.18 0.14 0.00	15.10 0.13 0.00	14.71 0.13 0.00	14.85 0.12 0.00	18.08 0.25 0.00	24.06 0.33 0.00	26.08 0.33 0.00	23.32 0.21 0.00	21.66 0.02 0.00	20.16 -0.10 0.00	19.96 -0.14 0.00	20.14 -0.20 0.00	21.09 -0.21 0.00	21.39 -0.19 0.00	21.92 -0.11 0.00	24.63 -0.10 0.00	30.10 0.03 -0.06	31.93 0.16 0.00	31.83 0.35 0.00	28.24 0.34 0.00	24.12 0.36 0.00	21.49 0.30 0.00	20.22 0.20 0.00
CASSADAGA_WT_PWR 323784	18.57 1.33 0.00	17.11 1.07 0.00	15.96 1.00 0.00	15.71 1.12 0.00	15.79 1.06 0.00	18.95 1.12 0.00	24.85 1.12 0.00	26.65 0.90 0.00	24.38 1.27 0.00	22.67 1.04 0.00	21.32 1.05 0.00	21.22 1.12 0.00	21.38 1.04 0.00	22.54 1.24 0.00	22.83 1.25 0.00	23.37 1.34 0.00	25.96 1.24 0.00	30.93 0.75 -0.16	32.69 0.92 0.00	32.75 1.26 0.00	28.77 0.87 0.00	24.78 1.02 0.00	21.89 0.70 0.00	21.30 1.28 0.00
CE_DUNWOOD__DRP 24194	18.02 0.78 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.59 0.77 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.47 1.36 0.00	23.02 1.38 0.00	21.42 1.15 0.00	21.26 1.17 0.00	21.61 1.26 0.00	22.63 1.32 0.00	23.07 1.49 0.00	23.72 1.70 0.00	26.70 1.98 0.00	33.35 2.37 -0.96	34.09 2.32 0.00	33.69 2.20 0.00	29.74 1.84 0.00	25.28 1.52 0.00	22.33 1.14 0.00	20.76 0.74 0.00
CE_MILLWOOD__DRP 24193	18.00 0.76 0.00	16.74 0.71 0.00	15.59 0.63 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.58 0.75 0.00	24.85 1.12 0.00	27.19 1.44 0.00	24.43 1.32 0.00	22.97 1.34 0.00	21.38 1.11 0.00	21.20 1.11 0.00	21.55 1.20 0.00	22.56 1.26 0.00	23.00 1.42 0.00	23.66 1.63 0.00	26.63 1.90 0.00	33.28 2.31 -0.95	34.06 2.29 0.00	33.63 2.14 0.00	29.71 1.81 0.00	25.23 1.47 0.00	22.29 1.10 0.00	20.74 0.72 0.00
CE_NYC2_DRP 24202	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.30 0.71 -0.01	15.53 0.80 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.71 1.59 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.28 1.56 -0.42	30.36 1.73 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.66 2.67 -0.97	34.35 2.57 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
CE_NYC_DRP 24195	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.65 0.82 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.63 1.53 0.00	23.21 1.58 0.00	21.60 1.34 0.00	21.40 1.31 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.92 1.89 0.00	26.92 2.20 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.75 2.27 0.00	29.80 1.90 0.00	25.35 1.59 0.00	22.42 1.23 0.00	20.84 0.82 0.00
CHAFFEE__LFGE 323603	18.09 0.84 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.33 0.74 0.00	15.41 0.68 0.00	18.49 0.66 0.00	24.16 0.43 0.00	25.82 0.08 0.00	23.62 0.51 0.00	21.98 0.35 0.00	20.67 0.41 0.00	20.56 0.46 0.00	20.73 0.39 0.00	21.84 0.53 0.00	22.14 0.56 0.00	22.67 0.64 0.00	25.12 0.39 0.00	29.93 -0.24 -0.15	31.61 -0.16 0.00	31.71 0.22 0.00	27.93 0.03 0.00	24.12 0.36 0.00	21.38 0.19 0.00	20.84 0.82 0.00
CHATEAUG_35_KV_LOAD 355732	17.17 -0.07 0.00	15.97 -0.06 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.86 0.13 0.00	17.97 0.14 0.00	23.75 0.02 0.00	25.80 0.05 0.00	23.18 0.07 0.00	21.81 0.17 0.00	20.49 0.22 0.00	20.24 0.14 0.00	20.37 0.02 0.00	21.35 0.04 0.00	21.52 -0.06 0.00	21.94 -0.09 0.00	24.67 -0.05 0.00	30.14 0.12 0.00	32.37 0.60 0.00	32.09 0.60 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.74 0.55 0.00	20.38 0.36 0.00
CHATEAUG_WT_PWR 323614	17.17 -0.07 0.00	15.99 -0.05 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.85 0.12 0.00	17.97 0.14 0.00	23.71 -0.02 0.00	25.77 0.03 0.00	23.16 0.05 0.00	21.76 0.13 0.00	20.44 0.18 0.00	20.22 0.12 0.00	20.35 0.00 0.00	21.33 0.02 0.00	21.60 0.02 0.00	21.96 -0.07 0.00	24.65 -0.07 0.00	30.11 0.09 0.00	31.90 0.13 0.00	31.61 0.13 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.72 0.53 0.00	20.38 0.36 0.00
CHAT_HIGH_FALL_HYD 323578	17.17 -0.07 0.00	15.98 -0.06 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.85 0.12 0.00	17.97 0.14 0.00	23.75 0.02 0.00	25.80 0.05 0.00	23.18 0.07 0.00	21.81 0.17 0.00	20.49 0.22 0.00	20.24 0.14 0.00	20.37 0.02 0.00	21.35 0.04 0.00	21.62 0.04 0.00	21.96 -0.07 0.00	24.67 -0.05 0.00	30.14 0.12 0.00	31.96 0.19 0.00	31.68 0.19 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.72 0.53 0.00	20.38 0.36 0.00
CHAUTAUQUA__LFGE 323629	18.35 1.10 0.00	16.92 0.88 0.00	15.78 0.82 0.00	15.53 0.95 0.00	15.61 0.88 0.00	18.74 0.91 0.00	24.51 0.78 0.00	26.29 0.54 0.00	24.03 0.93 0.00	22.37 0.74 0.00	21.03 0.77 0.00	20.92 0.82 0.00	21.10 0.75 0.00	22.22 0.92 0.00	22.53 0.95 0.00	23.06 1.04 0.00	25.56 0.84 0.00	30.50 0.33 -0.16	32.18 0.41 0.00	32.27 0.79 0.00	28.37 0.47 0.00	24.50 0.74 0.00	21.68 0.49 0.00	21.08 1.06 0.00
CHERRYST_13_KV_LD 356241	18.10 0.86 0.00	16.84 0.80 0.00	15.68 0.72 0.00	15.27 0.69 0.00	15.49 0.77 0.00	18.68 0.86 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.70 1.59 0.00	23.28 1.64 0.00	21.66 1.40 0.00	21.46 1.37 0.00	21.83 1.49 0.00	22.88 1.58 0.00	23.33 1.75 0.00	23.99 1.96 0.00	27.02 2.30 0.00	33.65 2.67 -0.96	34.31 2.54 0.00	33.85 2.36 0.00	29.85 1.95 0.00	25.40 1.64 0.00	22.46 1.27 0.00	20.88 0.86 0.00
CHESTROR_138KV_BK263 355645	17.86 0.62 0.00	16.60 0.56 0.00	15.47 0.51 0.00	15.06 0.48 0.00	15.26 0.53 0.00	18.43 0.61 0.00	24.63 0.90 0.00	26.93 1.18 0.00	24.15 1.04 0.00	22.69 1.06 0.00	21.13 0.87 0.00	20.98 0.88 0.00	21.28 0.94 0.00	22.28 0.98 0.00	22.70 1.12 0.00	23.33 1.30 0.00	26.26 1.53 0.00	32.75 1.86 -0.87	33.64 1.87 0.00	33.25 1.76 0.00	29.41 1.51 0.00	24.97 1.21 0.00	22.10 0.91 0.00	20.60 0.58 0.00
CH_MIDHUDSON__DRP 24192	18.00 0.76 0.00	16.73 0.69 0.00	15.59 0.63 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.56 0.73 0.00	24.85 1.12 0.00	27.14 1.39 0.00	24.33 1.22 0.00	22.87 1.23 0.00	21.28 1.01 0.00	21.10 1.00 0.00	21.42 1.08 0.00	22.41 1.11 0.00	22.85 1.27 0.00	23.52 1.50 0.00	26.48 1.76 0.00	33.17 2.16 -0.99	33.99 2.22 0.00	33.60 2.11 0.00	29.71 1.81 0.00	25.18 1.43 0.00	22.27 1.08 0.00	20.74 0.72 0.00

CH_MISC_IPPS 23765	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.21 1.47 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.33 2.34 -0.97	34.25 2.48 0.00	33.82 2.33 0.00	29.85 1.95 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
CH_RES_BVR_FALLS 23983	17.00 -0.24 0.00	15.83 -0.21 0.00	14.77 -0.19 0.00	14.41 -0.17 0.00	14.57 -0.16 0.00	17.61 -0.21 0.00	23.45 -0.28 0.00	25.41 -0.34 0.00	22.79 -0.32 0.00	21.35 -0.28 0.00	20.04 -0.22 0.00	19.88 -0.22 0.00	20.10 -0.24 0.00	21.05 -0.25 0.00	21.30 -0.28 0.00	21.70 -0.33 0.00	24.35 -0.37 0.00	29.63 -0.39 0.00	31.36 -0.41 0.00	31.08 -0.41 0.00	27.57 -0.33 0.00	23.50 -0.26 0.00	21.04 -0.15 0.00	19.84 -0.18 0.00
CH_RES_NIAGARA 23895	17.59 0.34 0.00	16.15 0.11 0.00	15.05 0.09 0.00	14.85 0.26 0.00	14.92 0.19 0.00	17.86 0.04 0.00	23.26 -0.47 0.00	24.67 -1.08 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.67 -0.42 0.00	19.82 -0.53 0.00	20.88 -0.43 0.00	21.15 -0.43 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.12 -1.65 0.00	30.06 -1.29 0.14	26.65 -1.26 0.00	23.09 -0.67 0.00	20.55 -0.64 0.00	20.14 0.12 0.00
CH_RES_SYRACUSE 23985	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.77 0.19 0.00	14.88 0.15 0.00	18.04 0.21 0.00	24.02 0.29 0.00	25.90 0.16 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.67 0.09 0.00	22.07 0.04 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.64 -0.13 0.00	31.87 0.00 -0.38	27.87 -0.03 0.00	23.81 0.05 0.00	21.23 0.04 0.00	20.26 0.24 0.00
CLINTON_WT_PWR 323605	17.17 -0.07 0.00	15.99 -0.05 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.85 0.12 0.00	17.97 0.14 0.00	23.71 -0.02 0.00	25.77 0.03 0.00	23.16 0.05 0.00	21.76 0.13 0.00	20.44 0.18 0.00	20.22 0.12 0.00	20.35 0.00 0.00	21.33 0.02 0.00	21.60 0.02 0.00	21.96 -0.07 0.00	24.65 -0.07 0.00	30.11 0.09 0.00	31.90 0.13 0.00	31.61 0.13 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.72 0.53 0.00	20.38 0.36 0.00
CLINTON__LFGE 323618	17.36 0.12 0.00	16.15 0.11 0.00	15.14 0.18 0.00	14.81 0.23 0.00	15.04 0.31 0.00	18.22 0.39 0.00	23.97 0.24 0.00	26.03 0.28 0.00	23.41 0.30 0.00	22.02 0.39 0.00	20.69 0.43 0.00	20.42 0.32 0.00	20.53 0.18 0.00	21.50 0.19 0.00	21.80 0.22 0.00	22.16 0.13 0.00	24.87 0.15 0.00	30.41 0.39 0.00	32.25 0.48 0.00	31.99 0.50 0.00	28.74 0.84 0.00	24.54 0.78 0.00	21.99 0.80 0.00	20.62 0.60 0.00
COBBLENY_34_KV_TB1 80064	18.09 0.84 0.00	16.70 0.66 0.00	15.55 0.58 0.00	15.24 0.66 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.11 0.38 0.00	25.54 -0.21 0.00	23.62 0.51 0.00	21.98 0.35 0.00	20.67 0.41 0.00	20.54 0.44 0.00	20.75 0.41 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.67 0.64 0.00	25.12 0.40 0.00	29.93 -0.24 -0.15	31.55 -0.22 0.00	31.58 0.09 0.00	27.85 -0.06 0.00	24.09 0.33 0.00	21.42 0.23 0.00	20.84 0.82 0.00
COFFEEN__115KV_TB3 355620	17.71 0.47 0.00	16.49 0.45 0.00	15.38 0.42 0.00	14.96 0.38 0.00	15.07 0.34 0.00	18.40 0.57 0.00	24.51 0.78 0.00	26.49 0.75 0.00	23.71 0.60 0.00	21.98 0.35 0.00	20.42 0.16 0.00	20.22 0.12 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.71 0.13 0.00	22.25 0.22 0.00	25.02 0.30 0.00	30.56 0.48 -0.07	32.47 0.70 0.00	32.43 0.94 0.00	28.71 0.81 0.00	24.54 0.78 0.00	21.78 0.59 0.00	20.58 0.56 0.00
COLDSPRG_115KV_BK1 355956	18.64 1.40 0.00	17.15 1.11 0.00	16.01 1.05 0.00	15.68 1.09 0.00	15.63 0.90 0.00	18.97 1.14 0.00	24.94 1.21 0.00	26.55 0.80 0.00	24.54 1.43 0.00	22.78 1.15 0.00	21.42 1.15 0.00	21.28 1.19 0.00	21.53 1.18 0.00	22.65 1.34 0.00	23.00 1.42 0.00	23.50 1.48 0.00	26.13 1.41 0.00	31.05 0.87 -0.16	32.82 1.05 0.00	32.87 1.39 0.00	28.93 1.03 0.00	24.97 1.21 0.00	22.12 0.93 0.00	21.40 1.38 0.00
COLONIE_LFGE__ 323577	17.85 0.60 0.00	16.65 0.61 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.45 0.62 0.00	24.63 0.90 0.00	26.83 1.08 0.00	23.99 0.88 0.00	22.46 0.82 0.00	20.95 0.69 0.00	20.76 0.66 0.00	21.06 0.71 0.00	21.99 0.68 0.00	22.31 0.73 0.00	22.97 0.95 0.00	25.89 1.16 0.00	32.78 1.53 -1.23	33.45 1.68 0.00	33.09 1.60 0.00	29.38 1.48 0.00	24.83 1.07 0.00	21.93 0.74 0.00	20.56 0.54 0.00
COOPERNY_115KV_TB1 80082	17.72 0.48 0.00	16.47 0.43 0.00	15.35 0.39 0.00	14.95 0.36 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.42 0.69 0.00	26.62 0.88 0.00	23.90 0.79 0.00	22.43 0.80 0.00	20.91 0.65 0.00	20.74 0.64 0.00	21.04 0.69 0.00	22.03 0.72 0.00	22.42 0.84 0.00	23.02 0.99 0.00	25.86 1.14 0.00	32.06 1.38 -0.66	33.14 1.37 0.00	32.78 1.29 0.00	29.02 1.12 0.00	24.68 0.93 0.00	21.89 0.70 0.00	20.46 0.44 0.00
COPENHAGEN_WT_PWR 323753	17.57 0.33 0.00	16.36 0.32 0.00	15.26 0.30 0.00	14.86 0.28 0.00	14.98 0.25 0.00	18.25 0.43 0.00	24.30 0.57 0.00	26.31 0.57 0.00	23.55 0.44 0.00	21.85 0.22 0.00	20.34 0.08 0.00	20.14 0.04 0.00	20.33 -0.02 0.00	21.30 0.00 0.00	21.58 0.00 0.00	22.14 0.11 0.00	24.87 0.15 0.00	30.35 0.27 -0.07	32.18 0.41 0.00	32.15 0.66 0.00	28.49 0.59 0.00	24.33 0.57 0.00	21.63 0.45 0.00	20.44 0.42 0.00
CORNELL____ 23752	17.81 0.57 0.00	16.54 0.50 0.00	15.43 0.46 0.00	15.03 0.45 0.00	15.13 0.40 0.00	18.40 0.57 0.00	24.51 0.78 0.00	26.44 0.70 0.00	23.76 0.65 0.00	22.13 0.50 0.00	20.63 0.36 0.00	20.50 0.40 0.00	20.73 0.39 0.00	21.73 0.43 0.00	22.10 0.52 0.00	22.58 0.55 0.00	25.29 0.57 0.00	30.81 0.57 -0.23	32.44 0.67 0.00	32.59 0.82 -0.29	28.57 0.67 0.00	24.42 0.67 0.00	21.70 0.51 0.00	20.62 0.60 0.00
CORONAAV_69_KV_TB1 355595	18.43 1.19 0.00	17.11 1.07 0.00	15.87 0.91 0.00	15.38 0.80 0.00	15.64 0.91 0.00	19.08 1.25 0.00	25.44 1.71 0.00	27.78 2.03 0.00	25.10 1.99 0.00	23.65 2.01 0.00	21.94 1.68 0.00	21.79 1.69 0.00	22.14 1.79 0.00	23.21 1.83 -0.07	23.99 2.01 -0.40	27.93 2.22 -3.68	31.65 2.55 -4.38	36.51 3.12 -3.37	35.76 3.11 -0.88	36.47 2.96 -2.02	32.55 2.51 -2.14	28.03 2.07 -2.21	22.91 1.72 0.00	21.30 1.28 0.00
CORTLAND_115KV_TB3 80093	17.64 0.40 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.90 0.32 0.00	14.99 0.27 0.00	18.22 0.39 0.00	24.25 0.52 0.00	26.19 0.44 0.00	23.55 0.44 0.00	21.96 0.32 0.00	20.51 0.24 0.00	20.36 0.26 0.00	20.61 0.26 0.00	21.60 0.30 0.00	21.95 0.37 0.00	22.38 0.35 0.00	25.07 0.35 0.00	30.50 0.30 -0.19	32.12 0.35 0.00	32.24 0.47 -0.28	28.29 0.39 0.00	24.16 0.40 0.00	21.46 0.28 0.00	20.42 0.40 0.00

COXSACKIE___GT 23611	18.17 0.93 0.00	17.00 0.96 0.00	15.90 0.94 0.00	15.46 0.87 0.00	15.60 0.87 0.00	18.77 0.94 0.00	25.23 1.50 0.00	27.42 1.67 0.00	24.33 1.22 0.00	22.63 1.00 0.00	21.09 0.83 0.00	20.90 0.80 0.00	21.12 0.77 0.00	22.05 0.75 0.00	22.42 0.84 0.00	23.22 1.19 0.00	26.28 1.56 0.00	33.30 2.13 -1.15	34.50 2.73 0.00	34.13 2.65 0.00	30.33 2.43 0.00	25.54 1.78 0.00	22.44 1.25 0.00	20.92 0.90 0.00
CPV_VALLEY___CC1 323721	17.76 0.52 0.00	16.50 0.47 0.00	15.38 0.42 0.00	14.95 0.36 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.99 0.88 0.00	22.54 0.91 0.00	20.99 0.73 0.00	20.82 0.72 0.00	21.14 0.79 0.00	22.13 0.83 0.00	22.53 0.95 0.00	23.15 1.12 0.00	26.03 1.31 0.00	32.40 1.59 -0.80	33.39 1.62 0.00	33.00 1.51 0.00	29.16 1.26 0.00	24.76 1.00 0.00	21.89 0.70 0.00	20.46 0.44 0.00
CPV_VALLEY___CC2 323722	17.76 0.52 0.00	16.50 0.47 0.00	15.38 0.42 0.00	14.95 0.36 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.99 0.88 0.00	22.54 0.91 0.00	20.99 0.73 0.00	20.82 0.72 0.00	21.14 0.79 0.00	22.13 0.83 0.00	22.53 0.95 0.00	23.15 1.12 0.00	26.03 1.31 0.00	32.40 1.59 -0.80	33.39 1.62 0.00	33.00 1.51 0.00	29.16 1.26 0.00	24.76 1.00 0.00	21.89 0.70 0.00	20.46 0.44 0.00
CRESCENT___HYD 24018	17.85 0.60 0.00	16.65 0.61 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.45 0.62 0.00	24.63 0.90 0.00	26.83 1.08 0.00	23.99 0.88 0.00	22.46 0.82 0.00	20.95 0.69 0.00	20.76 0.66 0.00	21.06 0.71 0.00	21.99 0.68 0.00	22.31 0.73 0.00	22.97 0.95 0.00	25.89 1.16 0.00	32.78 1.53 -1.23	33.45 1.68 0.00	33.09 1.60 0.00	29.38 1.48 0.00	24.83 1.07 0.00	21.93 0.74 0.00	20.56 0.54 0.00
CRICKET___VALLEY_CC1 323756	17.83 0.59 0.00	16.60 0.56 0.00	15.45 0.49 0.00	15.02 0.44 0.00	15.20 0.47 0.00	18.40 0.57 0.00	24.56 0.83 0.00	26.80 1.06 0.00	24.08 0.97 0.00	22.63 1.00 0.00	21.05 0.79 0.00	20.88 0.78 0.00	21.22 0.87 0.00	22.18 0.87 0.00	22.55 0.97 0.00	23.26 1.23 0.00	26.16 1.43 0.00	32.84 1.80 -1.03	33.64 1.87 0.00	33.22 1.73 0.00	29.35 1.45 0.00	24.88 1.12 0.00	21.99 0.80 0.00	20.52 0.50 0.00
CRICKET___VALLEY_CC2 323757	17.83 0.59 0.00	16.60 0.56 0.00	15.45 0.49 0.00	15.02 0.44 0.00	15.20 0.47 0.00	18.40 0.57 0.00	24.56 0.83 0.00	26.80 1.06 0.00	24.08 0.97 0.00	22.63 1.00 0.00	21.05 0.79 0.00	20.88 0.78 0.00	21.22 0.87 0.00	22.18 0.87 0.00	22.55 0.97 0.00	23.26 1.23 0.00	26.16 1.43 0.00	32.84 1.80 -1.03	33.64 1.87 0.00	33.22 1.73 0.00	29.35 1.45 0.00	24.88 1.12 0.00	21.99 0.80 0.00	20.52 0.50 0.00
CRICKET___VALLEY_CC3 323758	17.83 0.59 0.00	16.60 0.56 0.00	15.45 0.49 0.00	15.02 0.44 0.00	15.20 0.47 0.00	18.40 0.57 0.00	24.56 0.83 0.00	26.80 1.06 0.00	24.08 0.97 0.00	22.63 1.00 0.00	21.05 0.79 0.00	20.88 0.78 0.00	21.22 0.87 0.00	22.18 0.87 0.00	22.55 0.97 0.00	23.26 1.23 0.00	26.16 1.43 0.00	32.84 1.80 -1.03	33.64 1.87 0.00	33.22 1.73 0.00	29.35 1.45 0.00	24.88 1.12 0.00	21.99 0.80 0.00	20.52 0.50 0.00
CRUCIBLE_METL_DRP 24180	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
DAHOWA___HYDRO 323763	18.14 0.90 0.00	16.90 0.87 0.00	15.75 0.79 0.00	15.31 0.73 0.00	15.48 0.75 0.00	18.79 0.96 0.00	25.20 1.47 0.00	27.45 1.70 0.00	24.45 1.34 0.00	22.87 1.23 0.00	21.30 1.03 0.00	21.10 1.00 0.00	21.40 1.06 0.00	22.35 1.04 0.00	22.64 1.06 0.00	23.19 1.17 0.00	26.18 1.46 0.00	33.21 1.95 -1.25	33.96 2.19 0.00	33.66 2.17 0.00	30.05 2.15 0.00	25.37 1.62 0.00	22.35 1.16 0.00	20.96 0.94 0.00
DANC___LFGE 323619	17.52 0.28 0.00	16.28 0.24 0.00	15.19 0.22 0.00	14.81 0.23 0.00	14.92 0.19 0.00	18.17 0.34 0.00	24.18 0.45 0.00	26.16 0.41 0.00	23.48 0.37 0.00	21.83 0.19 0.00	20.34 0.08 0.00	20.18 0.08 0.00	20.37 0.02 0.00	21.35 0.04 0.00	21.62 0.04 0.00	22.14 0.11 0.00	24.82 0.10 0.00	30.22 0.12 -0.08	32.02 0.25 0.00	31.93 0.44 0.00	28.29 0.39 0.00	24.16 0.40 0.00	21.51 0.32 0.00	20.36 0.34 0.00
DANSKAMMER___1 23586	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.21 1.47 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.33 2.34 -0.97	34.25 2.48 0.00	33.82 2.33 0.00	29.85 1.95 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
DANSKAMMER___2 23589	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.21 1.47 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.33 2.34 -0.97	34.25 2.48 0.00	33.82 2.33 0.00	29.85 1.95 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
DANSKAMMER___3 23590	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.21 1.47 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.33 2.34 -0.97	34.25 2.48 0.00	33.82 2.33 0.00	29.85 1.95 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
DANSKAMMER___4 23591	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.39 0.66 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.21 1.47 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.33 2.34 -0.97	34.25 2.48 0.00	33.82 2.33 0.00	29.85 1.95 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
DANSKAMMER___DIESEL 23592	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.22 0.64 0.00	15.44 0.71 0.00	18.63 0.80 0.00	24.94 1.21 0.00	27.27 1.52 0.00	24.45 1.34 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.18 1.09 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.63 1.61 0.00	26.58 1.85 0.00	33.33 2.34 -0.97	34.22 2.45 0.00	33.79 2.30 0.00	29.88 1.98 0.00	25.35 1.59 0.00	22.38 1.19 0.00	20.82 0.80 0.00

DARBY___SOLAR 323810	18.10 0.86 0.00	16.87 0.83 0.00	15.71 0.75 0.00	15.28 0.70 0.00	15.45 0.72 0.00	18.74 0.91 0.00	25.08 1.35 0.00	27.34 1.60 0.00	24.40 1.29 0.00	22.82 1.19 0.00	21.26 0.99 0.00	21.08 0.98 0.00	21.36 1.02 0.00	22.31 1.00 0.00	22.62 1.04 0.00	23.19 1.17 0.00	26.16 1.43 0.00	33.18 1.92 -1.24	33.90 2.13 0.00	33.56 2.08 0.00	29.94 2.04 0.00	25.28 1.52 0.00	22.29 1.10 0.00	20.90 0.88 0.00
DASHVILLE___HYD 23610	17.98 0.74 0.00	16.68 0.64 0.00	15.55 0.58 0.00	15.12 0.54 0.00	15.33 0.60 0.00	18.52 0.70 0.00	24.80 1.07 0.00	27.06 1.31 0.00	24.27 1.16 0.00	22.80 1.17 0.00	21.19 0.93 0.00	21.04 0.94 0.00	21.32 0.98 0.00	22.31 1.00 0.00	22.77 1.19 0.00	23.46 1.43 0.00	26.38 1.66 0.00	32.73 1.71 -1.01	33.90 2.13 0.00	33.47 1.98 0.00	29.60 1.70 0.00	25.11 1.35 0.00	22.18 1.00 0.00	20.72 0.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.12 1.88 0.00	17.74 1.70 0.00	16.41 1.45 0.00	15.87 1.28 0.00	16.17 1.44 0.00	19.90 2.07 0.00	26.37 2.63 0.00	29.15 3.40 0.00	26.37 3.26 0.00	24.84 3.20 0.00	22.98 2.72 0.00	22.79 2.69 0.00	23.18 2.83 0.00	24.38 3.00 -0.08	25.22 3.24 -0.40	29.23 3.52 -3.68	33.06 3.96 -4.38	47.43 4.89 -12.52	45.17 4.99 -8.41	46.64 4.85 -10.30	44.54 4.16 -12.48	29.50 3.54 -2.21	24.07 2.88 0.00	22.12 2.10 0.00
DELAWARE___LFGE 323621	17.83 0.59 0.00	16.58 0.55 0.00	15.47 0.51 0.00	15.05 0.47 0.00	15.21 0.49 0.00	18.43 0.61 0.00	24.59 0.85 0.00	26.75 1.00 0.00	23.99 0.88 0.00	22.43 0.80 0.00	20.89 0.63 0.00	20.72 0.62 0.00	21.00 0.65 0.00	21.99 0.68 0.00	22.36 0.78 0.00	22.95 0.93 0.00	25.79 1.06 0.00	31.78 1.29 -0.47	33.10 1.33 0.00	32.95 1.35 -0.11	29.07 1.17 0.00	24.73 0.97 0.00	21.91 0.72 0.00	20.58 0.56 0.00
DERFIELD_115KV_TB7 355931	17.31 0.07 0.00	16.10 0.06 0.00	15.02 0.06 0.00	14.64 0.06 0.00	14.79 0.06 0.00	17.90 0.07 0.00	23.83 0.09 0.00	25.88 0.13 0.00	23.18 0.07 0.00	21.70 0.06 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.41 0.06 0.00	21.35 0.04 0.00	21.64 0.06 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.14 0.12 0.00	31.90 0.13 0.00	31.58 0.09 0.00	27.98 0.08 0.00	23.83 0.07 0.00	21.21 0.02 0.00	20.06 0.04 0.00
DOGLEVILLE___HYD 23807	17.60 0.36 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	15.02 0.29 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.13 0.39 0.00	23.43 0.32 0.00	21.94 0.30 0.00	20.53 0.26 0.00	20.36 0.26 0.00	20.61 0.26 0.00	21.58 0.28 0.00	21.86 0.28 0.00	22.33 0.31 0.00	25.00 0.27 0.00	30.38 0.36 0.00	32.15 0.38 0.00	31.90 0.41 0.00	28.24 0.34 0.00	24.09 0.33 0.00	21.46 0.27 0.00	20.38 0.36 0.00
DUNKIRK___115KV_TB_200 55889	18.31 1.07 0.00	16.89 0.85 0.00	15.74 0.78 0.00	15.43 0.85 0.00	15.36 0.63 0.00	18.65 0.82 0.00	24.42 0.69 0.00	25.95 0.21 0.00	23.99 0.88 0.00	22.30 0.67 0.00	20.97 0.71 0.00	20.84 0.74 0.00	21.06 0.71 0.00	22.18 0.87 0.00	22.53 0.95 0.00	23.00 0.97 0.00	25.51 0.79 0.00	30.41 0.24 -0.15	32.02 0.25 0.00	32.05 0.57 0.00	28.24 0.33 0.00	24.42 0.67 0.00	21.70 0.51 0.00	21.04 1.02 0.00
DUNKIRK___1 23563	18.31 1.07 0.00	16.89 0.85 0.00	15.74 0.78 0.00	15.43 0.85 0.00	15.36 0.63 0.00	18.65 0.82 0.00	24.42 0.69 0.00	25.95 0.21 0.00	23.99 0.88 0.00	22.30 0.67 0.00	20.97 0.71 0.00	20.84 0.74 0.00	21.06 0.71 0.00	22.18 0.87 0.00	22.53 0.95 0.00	23.00 0.97 0.00	25.51 0.79 0.00	30.41 0.24 -0.15	32.02 0.25 0.00	32.05 0.57 0.00	28.24 0.33 0.00	24.42 0.67 0.00	21.70 0.51 0.00	21.04 1.02 0.00
DUNKIRK___2 23564	18.31 1.07 0.00	16.89 0.85 0.00	15.74 0.78 0.00	15.43 0.85 0.00	15.36 0.63 0.00	18.65 0.82 0.00	24.42 0.69 0.00	25.95 0.21 0.00	23.99 0.88 0.00	22.30 0.67 0.00	20.97 0.71 0.00	20.84 0.74 0.00	21.06 0.71 0.00	22.18 0.87 0.00	22.53 0.95 0.00	23.00 0.97 0.00	25.51 0.79 0.00	30.41 0.24 -0.15	32.02 0.25 0.00	32.05 0.57 0.00	28.24 0.33 0.00	24.42 0.67 0.00	21.70 0.51 0.00	21.04 1.02 0.00
DUNKIRK___3 23565	18.19 0.95 0.00	16.78 0.74 0.00	15.65 0.69 0.00	15.34 0.76 0.00	15.27 0.54 0.00	18.54 0.71 0.00	24.28 0.55 0.00	25.80 0.05 0.00	23.83 0.72 0.00	22.17 0.54 0.00	20.83 0.57 0.00	20.70 0.60 0.00	20.94 0.59 0.00	22.03 0.72 0.00	22.40 0.82 0.00	22.86 0.84 0.00	25.37 0.64 0.00	30.23 0.06 -0.15	31.83 0.06 0.00	31.90 0.41 0.00	28.12 0.22 0.00	24.30 0.55 0.00	21.59 0.40 0.00	20.92 0.90 0.00
DUNKIRK___4 23566	18.23 0.98 0.00	16.82 0.79 0.00	15.68 0.72 0.00	15.37 0.79 0.00	15.30 0.57 0.00	18.58 0.75 0.00	24.32 0.59 0.00	25.82 0.08 0.00	23.87 0.76 0.00	22.20 0.56 0.00	20.87 0.61 0.00	20.74 0.64 0.00	20.96 0.61 0.00	22.07 0.77 0.00	22.42 0.84 0.00	22.89 0.86 0.00	25.37 0.64 0.00	30.26 0.09 -0.15	31.83 0.06 0.00	31.90 0.41 0.00	28.12 0.22 0.00	24.30 0.55 0.00	21.61 0.42 0.00	20.96 0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.05 0.81 0.00	16.79 0.75 0.00	15.63 0.67 0.00	15.21 0.63 0.00	15.44 0.71 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.32 1.57 0.00	24.54 1.43 0.00	23.10 1.47 0.00	21.50 1.24 0.00	21.32 1.23 0.00	21.67 1.32 0.00	22.69 1.38 0.00	23.13 1.55 0.00	23.81 1.78 0.00	26.78 2.05 0.00	33.44 2.46 -0.96	34.18 2.41 0.00	33.75 2.27 0.00	29.83 1.93 0.00	25.35 1.59 0.00	22.40 1.21 0.00	20.82 0.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.00 0.76 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.54 0.71 0.00	24.82 1.09 0.00	27.11 1.36 0.00	24.31 1.20 0.00	22.82 1.19 0.00	21.26 0.99 0.00	21.08 0.98 0.00	21.40 1.06 0.00	22.41 1.11 0.00	22.83 1.25 0.00	23.50 1.48 0.00	26.45 1.73 0.00	33.08 2.13 -0.93	33.96 2.19 0.00	33.57 2.08 0.00	29.69 1.79 0.00	25.18 1.43 0.00	22.25 1.06 0.00	20.72 0.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.18 0.93 -0.01	16.93 0.88 -0.01	15.76 0.79 -0.01	15.36 0.77 -0.01	15.58 0.84 -0.01	18.70 0.87 0.00	24.92 1.19 0.00	27.40 1.65 0.00	24.63 1.53 0.01	23.18 1.56 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.74 1.40 0.01	22.79 1.49 0.00	23.25 1.66 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.52 2.55 -0.95	34.21 2.45 0.01	33.75 2.27 0.00	29.80 1.90 0.00	25.35 1.59 0.00	22.40 1.21 0.00	20.91 0.88 -0.01
E179THST_13_KV_LOAD 356214	18.25 1.00 -0.01	16.99 0.95 -0.01	15.82 0.85 -0.01	15.41 0.82 -0.01	15.64 0.90 -0.01	18.75 0.93 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.72 1.62 0.01	23.29 1.67 0.01	21.65 1.40 0.01	21.50 1.41 0.01	21.84 1.51 0.01	22.90 1.60 0.00	23.36 1.77 -0.01	24.00 1.98 0.01	27.03 2.30 -0.01	33.67 2.70 -0.95	34.37 2.61 0.01	33.91 2.42 0.00	29.94 2.04 0.00	25.45 1.69 0.00	22.48 1.29 0.00	20.99 0.96 -0.01

EAST HAMPTON___GT 23717	19.31 2.07 0.00	17.92 1.88 0.00	16.58 1.62 0.00	16.00 1.41 0.00	16.29 1.56 0.00	20.10 2.26 -0.01	26.65 2.92 0.00	29.43 3.68 0.00	26.69 3.58 0.00	25.15 3.50 -0.01	23.23 2.96 -0.01	23.04 2.93 -0.01	23.49 3.13 -0.01	24.70 3.32 -0.08	25.48 3.50 -0.40	29.56 3.85 -3.68	33.39 4.28 -4.38	47.85 5.31 -12.52	45.68 5.50 -8.41	47.17 5.38 -10.30	44.96 4.58 -12.48	29.72 3.75 -2.21	24.23 3.03 -0.01	22.36 2.34 0.00
EAST RIVER___6 23660	17.98 0.74 0.00	16.76 0.72 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.52 0.69 0.00	24.85 1.12 0.00	27.29 1.54 0.00	24.63 1.52 0.00	23.21 1.58 0.00	21.56 1.30 0.00	21.40 1.31 0.00	21.77 1.42 0.00	22.80 1.49 0.00	23.22 1.64 0.00	23.92 1.89 0.00	26.92 2.20 0.00	33.53 2.55 -0.96	34.22 2.45 0.00	33.72 2.24 0.00	29.69 1.79 0.00	25.28 1.52 0.00	22.29 1.10 0.00	20.72 0.70 0.00
EAST RIVER___7 23524	17.98 0.74 0.00	16.76 0.72 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.52 0.69 0.00	24.85 1.12 0.00	27.29 1.54 0.00	24.63 1.52 0.00	23.21 1.58 0.00	21.56 1.30 0.00	21.40 1.31 0.00	21.77 1.42 0.00	22.80 1.49 0.00	23.22 1.64 0.00	23.92 1.89 0.00	26.92 2.20 0.00	33.53 2.55 -0.96	34.22 2.45 0.00	33.72 2.24 0.00	29.69 1.79 0.00	25.28 1.52 0.00	22.29 1.10 0.00	20.72 0.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.02 0.78 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.59 0.77 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.47 1.36 0.00	23.02 1.38 0.00	21.42 1.15 0.00	21.26 1.17 0.00	21.61 1.26 0.00	22.63 1.32 0.00	23.07 1.49 0.00	23.72 1.70 0.00	26.70 1.98 0.00	33.35 2.37 -0.96	34.09 2.32 0.00	33.69 2.20 0.00	29.74 1.84 0.00	25.28 1.52 0.00	22.33 1.14 0.00	20.76 0.74 0.00
EAST_HAMPTON___DIESEL 23722	19.31 2.07 0.00	17.93 1.89 0.00	16.58 1.62 0.00	16.01 1.43 0.00	16.29 1.56 0.00	20.10 2.26 -0.01	26.65 2.92 0.00	29.46 3.71 0.00	26.71 3.60 0.00	25.15 3.50 -0.01	23.25 2.98 -0.01	23.04 2.93 -0.01	23.49 3.13 -0.01	24.70 3.32 -0.08	25.50 3.52 -0.40	29.56 3.85 -3.68	33.41 4.30 -4.38	47.88 5.34 -12.52	45.71 5.53 -8.41	47.17 5.38 -10.30	44.96 4.58 -12.48	29.72 3.75 -2.21	24.23 3.03 -0.01	22.36 2.34 0.00
EAST_PULASKI___ESR 323781	17.57 0.33 0.00	16.33 0.29 0.00	15.22 0.25 0.00	14.84 0.26 0.00	14.92 0.19 0.00	18.18 0.36 0.00	24.23 0.50 0.00	26.13 0.39 0.00	23.55 0.44 0.00	21.91 0.28 0.00	20.44 0.18 0.00	20.30 0.20 0.00	20.51 0.16 0.00	21.52 0.21 0.00	21.86 0.28 0.00	22.25 0.22 0.00	24.92 0.20 0.00	30.26 0.15 -0.09	32.02 0.25 0.00	32.03 0.41 -0.14	28.24 0.33 0.00	24.14 0.38 0.00	21.46 0.28 0.00	20.44 0.42 0.00
EAST_RIVER___1 323558	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.96 1.23 0.00	27.34 1.60 0.00	24.63 1.52 0.00	23.21 1.58 0.00	21.58 1.32 0.00	21.40 1.31 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.22 1.64 0.00	23.92 1.89 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.25 2.48 0.00	33.78 2.30 0.00	29.74 1.84 0.00	25.35 1.59 0.00	22.35 1.16 0.00	20.84 0.82 0.00
EAST_RIVER___2 323559	17.98 0.74 0.00	16.76 0.72 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.52 0.69 0.00	24.85 1.12 0.00	27.29 1.54 0.00	24.63 1.52 0.00	23.21 1.58 0.00	21.56 1.30 0.00	21.40 1.31 0.00	21.77 1.42 0.00	22.80 1.49 0.00	23.22 1.64 0.00	23.92 1.89 0.00	26.92 2.20 0.00	33.53 2.55 -0.96	34.22 2.45 0.00	33.72 2.24 0.00	29.69 1.79 0.00	25.28 1.52 0.00	22.29 1.10 0.00	20.72 0.70 0.00
EAST___DELAWARE_HYD 23607	17.81 0.57 0.00	16.50 0.47 0.00	15.38 0.42 0.00	14.95 0.36 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.58 0.85 0.00	26.83 1.08 0.00	24.08 0.97 0.00	22.58 0.95 0.00	20.99 0.73 0.00	20.84 0.74 0.00	20.63 0.28 0.00	21.60 0.30 0.00	21.99 0.41 0.00	22.69 0.66 0.00	25.51 0.79 0.00	31.92 1.05 -0.85	32.88 1.11 0.00	32.52 1.04 0.00	29.38 1.48 0.00	24.95 1.19 0.00	22.01 0.83 0.00	20.52 0.50 0.00
EIGHT_POINT___WT_PWR 323820	18.26 1.02 0.00	16.87 0.83 0.00	15.75 0.79 0.00	15.47 0.89 0.00	15.55 0.82 0.00	18.79 0.96 0.00	24.77 1.04 0.00	26.57 0.82 0.00	24.06 0.95 0.00	22.37 0.74 0.00	20.93 0.67 0.00	20.84 0.74 0.00	21.04 0.69 0.00	22.13 0.83 0.00	22.44 0.86 0.00	22.99 0.97 0.00	25.64 0.92 0.00	30.81 0.60 -0.20	32.56 0.79 0.00	32.56 1.07 0.00	28.79 0.89 0.00	24.71 0.95 0.00	21.89 0.70 0.00	21.08 1.06 0.00
ELBRIDGE_115KV_TB2 80188	17.35 0.10 0.00	16.10 0.06 0.00	15.02 0.06 0.00	14.64 0.06 0.00	14.73 0.00 0.00	17.90 0.07 0.00	23.80 0.07 0.00	25.67 -0.08 0.00	23.11 0.00 0.00	21.57 -0.06 0.00	20.16 -0.10 0.00	20.04 -0.06 0.00	20.26 -0.08 0.00	21.24 -0.06 0.00	21.58 0.00 0.00	21.89 -0.13 0.00	24.50 -0.22 0.00	29.75 -0.39 -0.12	31.36 -0.41 0.00	31.77 -0.28 -0.56	27.62 -0.28 0.00	23.59 -0.17 0.00	21.02 -0.17 0.00	20.08 0.06 0.00
ELEC_TRO_TEK 24086	18.31 1.07 0.00	17.00 0.96 0.00	15.78 0.82 0.00	15.30 0.71 0.00	15.57 0.84 0.00	18.97 1.14 0.00	25.27 1.54 0.00	27.68 1.93 0.00	25.00 1.89 0.00	23.52 1.88 0.00	21.84 1.58 0.00	21.69 1.59 0.00	22.03 1.69 0.00	23.08 1.70 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.48 2.37 -4.38	36.29 2.88 -3.40	35.55 2.89 -0.89	36.27 2.74 -2.04	32.38 2.32 -2.17	27.91 1.95 -2.21	22.78 1.59 0.00	21.14 1.12 0.00
ELLENBURG_WT_PWR 323604	17.17 -0.07 0.00	15.99 -0.05 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.85 0.12 0.00	17.97 0.14 0.00	23.71 -0.02 0.00	25.77 0.03 0.00	23.16 0.05 0.00	21.76 0.13 0.00	20.44 0.18 0.00	20.22 0.12 0.00	20.35 0.00 0.00	21.33 0.02 0.00	21.60 0.02 0.00	21.96 -0.07 0.00	24.65 -0.07 0.00	30.11 0.09 0.00	31.90 0.13 0.00	31.61 0.13 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.72 0.53 0.00	20.38 0.36 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.97 0.72 0.00	16.60 0.56 0.00	15.47 0.51 0.00	15.17 0.58 0.00	15.08 0.35 0.00	18.33 0.50 0.00	23.94 0.21 0.00	25.26 -0.49 0.00	23.34 0.23 0.00	21.74 0.11 0.00	20.42 0.16 0.00	20.30 0.20 0.00	20.51 0.16 0.00	21.58 0.28 0.00	21.95 0.37 0.00	22.38 0.35 0.00	24.77 0.05 0.00	29.65 -0.51 -0.14	31.17 -0.60 0.00	31.12 -0.25 0.12	27.54 -0.36 0.00	23.85 0.10 0.00	21.23 0.04 0.00	20.70 0.68 0.00
EMPIRE_CC_1 323656	17.62 0.38 0.00	16.46 0.42 0.00	15.34 0.37 0.00	14.92 0.34 0.00	15.08 0.35 0.00	18.22 0.39 0.00	24.21 0.47 0.00	26.34 0.59 0.00	23.55 0.44 0.00	22.11 0.48 0.00	20.61 0.34 0.00	20.44 0.34 0.00	20.73 0.39 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.64 0.62 0.00	25.51 0.79 0.00	32.21 1.02 -1.17	32.91 1.14 0.00	32.49 1.01 0.00	28.82 0.92 0.00	24.40 0.64 0.00	21.55 0.36 0.00	20.22 0.20 0.00

EMPIRE_CC_2 323658	17.62 0.38 0.00	16.46 0.42 0.00	15.34 0.37 0.00	14.92 0.34 0.00	15.08 0.35 0.00	18.22 0.39 0.00	24.21 0.47 0.00	26.34 0.59 0.00	23.55 0.44 0.00	22.11 0.48 0.00	20.61 0.34 0.00	20.44 0.34 0.00	20.73 0.39 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.64 0.62 0.00	25.51 0.79 0.00	32.21 1.02 -1.17	32.91 1.14 0.00	32.49 1.01 0.00	28.82 0.92 0.00	24.40 0.64 0.00	21.55 0.36 0.00	20.22 0.20 0.00
ENORWICH_115KV_TB1 80156	18.71 1.47 0.00	17.42 1.38 0.00	16.25 1.29 0.00	15.79 1.21 0.00	15.89 1.16 0.00	19.45 1.62 0.00	25.91 2.18 0.00	27.99 2.24 0.00	25.00 1.89 0.00	23.08 1.45 0.00	21.38 1.11 0.00	21.16 1.07 0.00	21.36 1.02 0.00	22.45 1.15 0.00	22.85 1.27 0.00	23.59 1.56 0.00	26.50 1.78 0.00	32.59 2.25 -0.32	34.31 2.54 0.00	34.55 2.83 -0.22	30.33 2.43 0.00	25.87 2.11 0.00	22.84 1.65 0.00	21.60 1.58 0.00
ERIE_ST__34_KV_TB1-2 80199	18.16 0.91 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.31 0.73 0.00	15.24 0.52 0.00	18.50 0.68 0.00	24.23 0.50 0.00	25.64 -0.10 0.00	23.71 0.60 0.00	22.07 0.43 0.00	20.73 0.47 0.00	20.60 0.50 0.00	20.83 0.49 0.00	21.92 0.62 0.00	22.29 0.71 0.00	22.78 0.75 0.00	25.24 0.52 0.00	29.99 -0.18 -0.15	31.71 -0.06 0.00	31.77 0.28 0.00	28.01 0.11 0.00	24.21 0.45 0.00	21.51 0.32 0.00	20.92 0.90 0.00
ERIE_WT_PWR 323693	18.09 0.84 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.34 0.76 0.00	15.42 0.69 0.00	18.49 0.66 0.00	24.16 0.43 0.00	25.80 0.05 0.00	23.60 0.49 0.00	21.96 0.32 0.00	20.65 0.38 0.00	20.54 0.44 0.00	20.71 0.37 0.00	21.81 0.51 0.00	22.12 0.54 0.00	22.62 0.59 0.00	25.07 0.35 0.00	29.89 -0.27 -0.15	31.55 -0.22 0.11	31.54 0.16 0.00	27.87 -0.03 0.00	24.09 0.33 0.00	21.36 0.17 0.00	20.84 0.82 0.00
ESPRGFLD_115KV_TB1 80157	18.07 0.83 0.00	16.89 0.85 0.00	15.72 0.76 0.00	15.30 0.71 0.00	15.49 0.77 0.00	18.84 1.02 0.00	25.37 1.64 0.00	27.86 2.11 0.00	24.75 1.64 0.00	23.08 1.45 0.00	21.44 1.18 0.00	21.24 1.15 0.00	21.53 1.18 0.00	22.50 1.19 0.00	22.85 1.27 0.00	23.52 1.50 0.00	26.48 1.76 0.00	31.58 2.37 0.81	34.34 2.57 0.00	34.07 2.58 0.00	30.38 2.48 0.00	25.75 2.00 0.00	22.63 1.44 0.00	20.98 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.79 0.55 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.11 0.38 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.42 0.67 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.27 0.54 0.00	30.78 0.54 -0.23	32.40 0.64 0.00	32.54 0.76 -0.30	28.54 0.64 0.00	24.40 0.64 0.00	21.68 0.49 0.00	20.58 0.56 0.00
ETNA_____115KV_TB2 80207	17.79 0.55 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.11 0.38 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.42 0.67 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.27 0.54 0.00	30.78 0.54 -0.23	32.40 0.64 0.00	32.54 0.76 -0.30	28.54 0.64 0.00	24.40 0.64 0.00	21.68 0.49 0.00	20.58 0.56 0.00
EUCLID__115KV_TB2 356179	17.21 -0.03 0.00	15.99 -0.05 0.00	14.92 -0.04 0.00	14.54 -0.04 0.00	14.63 -0.10 0.00	17.76 -0.07 0.00	23.61 -0.12 0.00	25.44 -0.31 0.00	23.04 -0.07 0.00	21.50 -0.13 0.00	20.10 -0.16 0.00	19.98 -0.12 0.00	20.20 -0.14 0.00	21.18 -0.13 0.00	21.52 -0.06 0.00	21.83 -0.20 0.00	24.40 -0.32 0.00	29.58 -0.54 -0.10	31.20 -0.57 0.00	31.16 -0.44 -0.12	27.48 -0.42 0.00	23.50 -0.26 0.00	20.93 -0.25 0.00	20.04 0.02 0.00
E_CANADA_CAP_HY 24051	18.10 0.86 0.00	16.90 0.87 0.00	15.75 0.79 0.00	15.31 0.73 0.00	15.49 0.77 0.00	18.86 1.03 0.00	25.42 1.69 0.00	27.86 2.11 0.00	24.80 1.69 0.00	23.13 1.49 0.00	21.48 1.22 0.00	21.26 1.17 0.00	21.55 1.20 0.00	22.52 1.21 0.00	22.83 1.25 0.00	23.57 1.54 0.00	26.48 1.76 0.00	33.68 2.40 -1.26	34.40 2.64 0.00	34.13 2.65 0.00	30.41 2.51 0.00	25.78 2.02 0.00	22.63 1.44 0.00	21.02 1.00 0.00
E_CANADA_MHWK_HY 24050	17.60 0.36 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	15.02 0.29 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.13 0.39 0.00	23.43 0.32 0.00	21.94 0.30 0.00	20.53 0.26 0.00	20.36 0.26 0.00	20.61 0.26 0.00	21.58 0.28 0.00	21.86 0.28 0.00	22.33 0.31 0.00	25.00 0.27 0.00	30.38 0.36 0.00	32.15 0.38 0.00	31.90 0.41 0.00	28.24 0.34 0.00	24.09 0.33 0.00	21.46 0.27 0.00	20.38 0.36 0.00
E_FISHKILL__LBMP 23776	17.93 0.69 0.00	16.68 0.64 0.00	15.53 0.57 0.00	15.12 0.54 0.00	15.33 0.60 0.00	18.50 0.68 0.00	24.73 1.00 0.00	27.06 1.31 0.00	24.29 1.18 0.00	22.82 1.19 0.00	21.26 0.99 0.00	21.08 0.98 0.00	21.40 1.06 0.00	22.41 1.11 0.00	22.83 1.25 0.00	23.48 1.45 0.00	26.43 1.71 0.00	33.08 2.07 -0.99	33.83 2.06 0.00	33.41 1.92 0.00	29.55 1.65 0.00	25.09 1.33 0.00	22.18 1.00 0.00	20.66 0.64 0.00
FALCON__SEABRD_CC1 323796	17.35 0.10 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.80 0.22 0.00	15.02 0.29 0.00	18.18 0.36 0.00	23.83 0.10 0.00	25.93 0.18 0.00	23.29 0.18 0.00	21.91 0.28 0.00	20.59 0.32 0.00	20.34 0.24 0.00	20.45 0.10 0.00	21.43 0.13 0.00	21.71 0.13 0.00	22.07 0.04 0.00	24.77 0.05 0.00	30.26 0.24 0.00	32.09 0.32 0.00	31.80 0.31 0.00	28.68 0.78 0.00	24.50 0.74 0.00	21.97 0.78 0.00	20.60 0.58 0.00
FALCON__SEABRD_CC2 323797	17.35 0.10 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.80 0.22 0.00	15.02 0.29 0.00	18.18 0.36 0.00	23.83 0.10 0.00	25.93 0.18 0.00	23.29 0.18 0.00	21.91 0.28 0.00	20.59 0.32 0.00	20.34 0.24 0.00	20.45 0.10 0.00	21.43 0.13 0.00	21.71 0.13 0.00	22.07 0.04 0.00	24.77 0.05 0.00	30.26 0.24 0.00	32.09 0.32 0.00	31.80 0.31 0.00	28.68 0.78 0.00	24.50 0.74 0.00	21.97 0.78 0.00	20.60 0.58 0.00
FAR ROCKAWAY__4 23548	18.57 1.33 0.00	17.24 1.20 0.00	15.98 1.02 0.00	15.49 0.90 0.00	15.75 1.02 0.00	19.24 1.41 0.00	25.63 1.90 0.00	27.99 2.24 0.00	25.31 2.20 0.00	23.86 2.23 0.00	22.15 1.88 0.00	21.97 1.87 0.00	22.32 1.97 0.00	23.40 2.02 -0.07	24.18 2.20 -0.40	28.13 2.42 -3.68	31.88 2.77 -4.38	36.81 3.42 -3.37	36.08 3.43 -0.88	36.82 3.31 -2.02	32.83 2.79 -2.14	28.27 2.30 -2.21	23.10 1.91 0.00	21.48 1.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.07 0.83 0.00	16.82 0.79 0.00	15.66 0.70 0.00	15.24 0.66 0.00	15.48 0.75 0.00	18.67 0.84 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.21 1.58 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.42 1.23 0.00	20.84 0.82 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.09 0.84 0.00	16.82 0.79 0.00	15.66 0.70 0.00	15.25 0.67 0.00	15.48 0.75 0.00	18.67 0.84 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.84 0.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.65 0.82 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.63 1.53 0.00	23.21 1.58 0.00	21.58 1.32 0.00	21.40 1.31 0.00	21.75 1.40 0.00	22.80 1.49 0.00	23.24 1.66 0.00	23.92 1.89 0.00	26.92 2.20 0.00	33.53 2.55 -0.96	34.18 2.41 0.00	33.75 2.27 0.00	29.80 1.90 0.00	25.35 1.59 0.00	22.42 1.23 0.00	20.84 0.82 0.00
FARRAGUT___LBMP 323566	18.05 0.81 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.40 1.65 0.00	24.61 1.50 0.00	23.19 1.56 0.00	21.56 1.30 0.00	21.38 1.29 0.00	21.75 1.40 0.00	22.80 1.49 0.00	23.24 1.66 0.00	23.90 1.87 0.00	26.90 2.18 0.00	33.50 2.52 -0.96	34.18 2.41 0.00	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.82 0.80 0.00
FENNER___WINDPWR 24204	17.67 0.43 0.00	16.42 0.38 0.00	15.32 0.36 0.00	14.95 0.36 0.00	15.07 0.34 0.00	18.29 0.46 0.00	24.35 0.62 0.00	26.34 0.59 0.00	23.62 0.51 0.00	22.02 0.39 0.00	20.55 0.28 0.00	20.40 0.30 0.00	20.61 0.26 0.00	21.62 0.32 0.00	21.90 0.32 0.00	22.40 0.37 0.00	25.12 0.39 0.00	30.56 0.42 -0.13	32.28 0.51 0.00	32.26 0.60 -0.18	28.40 0.50 0.00	24.23 0.47 0.00	21.55 0.36 0.00	20.46 0.44 0.00
FIBERTEK___ENERGY 23856	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
FITZPATRICK____ 23598	16.97 -0.28 0.00	15.75 -0.29 0.00	14.69 -0.27 0.00	14.35 -0.23 0.00	14.46 -0.26 0.00	17.52 -0.30 0.00	23.28 -0.45 0.00	25.13 -0.62 0.00	22.58 -0.53 0.00	21.09 -0.54 0.00	19.76 -0.51 0.00	19.60 -0.50 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.37 -0.66 0.00	23.91 -0.82 0.00	29.04 -1.05 -0.08	30.66 -1.11 0.00	26.45 -1.04 4.00	26.98 -0.92 0.00	23.02 -0.74 0.00	20.57 -0.62 0.00	19.66 -0.36 0.00
FLOWRFLD_69_KV_BK1 356044	18.71 1.47 0.00	17.37 1.33 0.00	16.09 1.12 0.00	15.56 0.98 0.00	15.85 1.12 0.00	19.43 1.60 0.00	25.82 2.09 0.00	28.48 2.73 0.00	25.75 2.63 0.00	24.25 2.62 0.00	22.47 2.21 0.00	22.29 2.19 0.00	22.67 2.32 0.00	23.81 2.43 -0.08	24.60 2.61 -0.41	28.59 2.89 -3.68	32.40 3.29 -4.39	50.27 3.96 -16.29	47.29 4.00 -11.52	49.03 3.84 -13.70	47.99 3.35 -16.74	28.79 2.83 -2.21	23.52 2.33 0.00	21.64 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.10 0.86 0.00	16.81 0.77 0.00	15.66 0.70 0.00	15.24 0.66 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.99 1.26 0.00	27.29 1.54 0.00	24.47 1.36 0.00	22.97 1.34 0.00	21.38 1.11 0.00	21.20 1.11 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.96 1.38 0.00	23.66 1.63 0.00	26.63 1.90 0.00	33.39 2.40 -0.97	34.28 2.51 0.00	33.85 2.36 0.00	29.94 2.04 0.00	25.37 1.62 0.00	22.40 1.21 0.00	20.84 0.82 0.00
FORT ORANGE____ 23900	17.62 0.38 0.00	16.52 0.48 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.14 0.41 0.00	18.22 0.39 0.00	24.28 0.55 0.00	26.47 0.72 0.00	23.62 0.51 0.00	22.11 0.48 0.00	20.65 0.38 0.00	20.48 0.38 0.00	20.73 0.39 0.00	21.67 0.36 0.00	21.99 0.41 0.00	22.67 0.64 0.00	25.56 0.84 0.00	32.34 1.11 -1.21	33.04 1.27 0.00	32.65 1.17 0.00	28.96 1.06 0.00	24.50 0.74 0.00	21.63 0.45 0.00	20.24 0.22 0.00
FORT_DRUM_COGEN 23780	17.57 0.33 0.00	16.36 0.32 0.00	15.26 0.30 0.00	14.84 0.26 0.00	14.96 0.24 0.00	18.26 0.43 0.00	24.30 0.57 0.00	26.29 0.54 0.00	23.53 0.42 0.00	21.83 0.19 0.00	20.32 0.06 0.00	20.12 0.02 0.00	20.31 -0.04 0.00	21.28 -0.02 0.00	21.60 0.02 0.00	22.11 0.09 0.00	24.85 0.12 0.00	30.35 0.27 -0.06	32.21 0.44 0.00	32.15 0.66 0.00	28.49 0.59 0.00	24.33 0.57 0.00	21.63 0.44 0.00	20.42 0.40 0.00
FPL_FAR_ROCK_GT1 24212	18.57 1.33 0.00	17.24 1.20 0.00	15.98 1.02 0.00	15.46 0.87 0.00	15.70 0.97 0.00	19.21 1.37 -0.01	25.61 1.87 0.00	27.93 2.19 0.00	25.31 2.20 0.00	23.87 2.23 -0.01	22.13 1.86 -0.01	21.98 1.87 -0.01	22.33 1.97 -0.01	23.40 2.02 -0.07	24.14 2.16 -0.40	28.11 2.40 -3.68	31.88 2.77 -4.38	36.81 3.42 -3.37	36.11 3.46 -0.88	36.85 3.34 -2.02	32.83 2.79 -2.14	28.22 2.26 -2.21	23.04 1.84 -0.01	21.48 1.46 0.00
FPL_FAR_ROCK_GT2 23815	18.57 1.33 0.00	17.24 1.20 0.00	15.98 1.02 0.00	15.46 0.87 0.00	15.70 0.97 0.00	19.21 1.37 -0.01	25.61 1.87 0.00	27.93 2.19 0.00	25.31 2.23 0.00	23.87 2.23 -0.01	22.13 1.86 -0.01	21.98 1.87 -0.01	22.33 1.97 -0.01	23.40 2.02 -0.07	24.14 2.16 -0.40	28.11 2.40 -3.68	31.88 2.77 -4.38	36.81 3.42 -3.37	36.11 3.46 -0.88	36.85 3.34 -2.02	32.83 2.79 -2.14	28.22 2.26 -2.21	23.04 1.84 -0.01	21.48 1.46 0.00
FRANKLIN_FALL_HYD 24054	17.22 -0.02 0.00	16.02 -0.02 0.00	15.02 0.06 0.00	14.68 0.10 0.00	14.92 0.19 0.00	18.04 0.21 0.00	23.85 0.12 0.00	25.85 0.10 0.00	23.20 0.09 0.00	21.81 0.17 0.00	20.44 0.18 0.00	20.20 0.10 0.00	20.31 -0.04 0.00	21.26 -0.04 0.00	21.47 -0.11 0.00	21.87 -0.15 0.00	24.62 -0.10 0.00	30.11 0.09 0.00	32.25 0.48 0.00	31.99 0.50 0.00	28.29 0.39 0.00	24.23 0.48 0.00	21.76 0.57 0.00	20.42 0.40 0.00
FREEPORT_EQUS_GT1 23764	18.47 1.22 0.00	17.15 1.11 0.00	15.89 0.93 0.00	15.37 0.79 0.00	15.63 0.90 0.00	19.12 1.28 -0.01	25.46 1.73 0.00	27.83 2.08 0.00	25.21 2.10 0.00	23.74 2.10 -0.01	22.03 1.76 -0.01	21.88 1.77 -0.01	22.25 1.89 -0.01	23.32 1.94 -0.08	24.06 2.07 -0.40	28.04 2.33 -3.68	31.75 2.65 -4.38	36.72 3.24 -3.46	35.99 3.27 -0.95	36.74 3.15 -2.10	32.76 2.62 -2.24	28.13 2.16 -2.21	22.96 1.76 -0.01	21.32 1.30 0.00
FREEPORT___CT2 23818	18.47 1.22 0.00	17.15 1.11 0.00	15.89 0.93 0.00	15.37 0.79 0.00	15.63 0.90 0.00	19.12 1.28 -0.01	25.46 1.73 0.00	27.83 2.08 0.00	25.21 2.10 0.00	23.74 2.10 -0.01	22.03 1.76 -0.01	21.88 1.77 -0.01	22.25 1.89 -0.01	23.32 1.94 -0.08	24.06 2.07 -0.40	28.04 2.33 -3.68	31.75 2.65 -4.38	36.72 3.24 -3.46	35.99 3.27 -0.95	36.74 3.15 -2.10	32.76 2.62 -2.24	28.13 2.16 -2.21	22.96 1.76 -0.01	21.32 1.30 0.00

FRESHKLS_33_KV_LOAD 356253	18.10 0.84 -0.01	16.83 0.79 -0.01	15.66 0.69 -0.01	15.25 0.66 -0.01	15.46 0.72 -0.01	18.54 0.71 0.00	24.82 1.09 0.00	27.29 1.54 0.00	24.58 1.48 0.01	23.18 1.56 0.01	21.53 1.28 0.01	21.36 1.27 0.01	21.72 1.38 0.01	22.77 1.47 0.01	23.23 1.66 0.01	23.91 1.89 0.01	26.94 2.23 0.01	33.58 2.61 -0.95	31.44 2.54 2.87	31.44 2.36 2.40	29.77 1.87 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.99 0.96 -0.01
FULTON COGEN____ 23766	17.59 0.34 0.00	16.34 0.30 0.00	15.23 0.27 0.00	14.86 0.28 0.00	14.94 0.21 0.00	18.17 0.34 0.00	24.23 0.50 0.00	26.03 0.28 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.47 0.20 0.00	20.36 0.26 0.00	20.57 0.22 0.00	21.56 0.26 0.00	21.90 0.32 0.00	22.27 0.24 0.00	24.92 0.20 0.00	30.21 0.09 -0.10	31.93 0.16 0.00	31.93 0.28 -0.16	28.12 0.22 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.48 0.46 0.00
FULTON____LFGE 323630	18.47 1.22 0.00	17.24 1.20 0.00	16.07 1.11 0.00	15.60 1.02 0.00	15.80 1.07 0.00	19.29 1.46 0.00	26.13 2.40 0.00	28.19 2.45 0.00	25.05 1.94 0.00	23.34 1.71 0.00	21.64 1.38 0.00	21.40 1.31 0.00	21.71 1.36 0.00	22.73 1.43 0.00	23.05 1.47 0.00	23.81 1.78 0.00	26.92 2.20 0.00	34.22 2.94 -1.26	34.95 3.18 0.00	34.73 3.24 0.00	31.00 3.10 0.00	26.13 2.38 0.00	22.88 1.70 0.00	21.46 1.44 0.00
G.F.CEMENT____DRP 24184	18.31 1.07 0.00	17.05 1.01 0.00	15.87 0.91 0.00	15.44 0.86 0.00	15.63 0.90 0.00	18.97 1.14 0.00	25.46 1.73 0.00	27.83 2.09 0.00	24.77 1.66 0.00	23.15 1.51 0.00	21.56 1.30 0.00	21.36 1.27 0.00	21.65 1.30 0.00	22.58 1.28 0.00	22.90 1.32 0.00	23.35 1.32 0.00	26.36 1.63 0.00	33.46 2.19 -1.25	34.18 2.41 0.00	33.88 2.39 0.00	30.38 2.48 0.00	25.61 1.85 0.00	22.59 1.40 0.00	21.16 1.14 0.00
GARDENVILLE____LBMP 24039	18.02 0.78 0.00	16.65 0.61 0.00	15.52 0.55 0.00	15.21 0.63 0.00	15.14 0.41 0.00	18.38 0.55 0.00	24.04 0.31 0.00	25.44 -0.31 0.00	23.50 0.39 0.00	21.89 0.26 0.00	20.57 0.30 0.00	20.44 0.34 0.00	20.65 0.31 0.00	21.75 0.45 0.00	22.10 0.52 0.00	22.56 0.53 0.00	24.97 0.25 0.00	29.77 -0.39 -0.15	31.32 -0.44 0.00	31.29 -0.09 0.11	27.68 -0.22 0.00	23.97 0.21 0.00	21.32 0.13 0.00	20.76 0.74 0.00
GARDNVLA_35_KV_LD 355827	18.10 0.86 0.00	16.73 0.69 0.00	15.58 0.61 0.00	15.27 0.69 0.00	15.20 0.47 0.00	18.45 0.62 0.00	24.16 0.43 0.00	25.57 -0.18 0.00	23.62 0.51 0.00	21.98 0.35 0.00	20.67 0.41 0.00	20.54 0.44 0.00	20.75 0.41 0.00	21.86 0.55 0.00	22.21 0.63 0.00	22.67 0.64 0.00	25.09 0.37 0.00	29.92 -0.24 -0.15	31.48 -0.29 0.00	31.44 0.06 0.11	27.85 -0.06 0.00	24.09 0.33 0.00	21.44 0.25 0.00	20.86 0.84 0.00
GELCKHM__115KV_LOAD 80723	17.29 0.05 0.00	16.07 0.03 0.00	14.98 0.01 0.00	14.61 0.03 0.00	14.70 -0.03 0.00	17.85 0.02 0.00	23.75 0.02 0.00	25.59 -0.15 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.53 -0.20 0.00	29.73 -0.39 -0.11	31.36 -0.41 0.00	31.42 -0.28 -0.21	27.62 -0.28 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00
GENERAL____MILLS 23808	18.09 0.84 0.00	16.70 0.66 0.00	15.55 0.58 0.00	15.25 0.67 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.11 0.38 0.00	25.52 -0.23 0.00	23.57 0.46 0.00	21.94 0.30 0.00	20.63 0.36 0.00	20.50 0.40 0.00	20.71 0.37 0.00	21.82 0.51 0.00	22.16 0.58 0.00	22.62 0.59 0.00	25.05 0.32 0.00	29.86 -0.30 -0.15	31.42 -0.35 0.00	31.38 0.00 0.11	27.79 -0.11 0.00	24.04 0.29 0.00	21.38 0.19 0.00	20.82 0.80 0.00
GE_PLASTICS____DRP 24183	17.62 0.38 0.00	16.49 0.45 0.00	15.38 0.42 0.00	14.98 0.39 0.00	15.14 0.41 0.00	18.22 0.39 0.00	24.28 0.55 0.00	26.47 0.72 0.00	23.66 0.55 0.00	22.15 0.52 0.00	20.67 0.41 0.00	20.52 0.42 0.00	20.79 0.45 0.00	21.73 0.43 0.00	22.10 0.52 0.00	22.71 0.68 0.00	25.59 0.87 0.00	32.34 1.11 -1.21	32.94 1.18 0.00	32.59 1.10 0.00	28.91 1.00 0.00	24.49 0.74 0.00	21.68 0.49 0.00	20.28 0.26 0.00
GILBOA____1 23756	17.71 0.47 0.00	16.49 0.45 0.00	15.37 0.40 0.00	14.96 0.38 0.00	15.11 0.38 0.00	18.27 0.45 0.00	24.39 0.66 0.00	26.55 0.80 0.00	23.83 0.72 0.00	22.33 0.69 0.00	20.83 0.57 0.00	20.66 0.56 0.00	20.96 0.61 0.00	21.92 0.62 0.00	22.27 0.69 0.00	22.88 0.86 0.00	25.74 1.01 0.00	32.13 1.17 -0.95	33.01 1.24 0.00	32.65 1.17 0.00	28.96 1.06 0.00	24.59 0.83 0.00	21.76 0.57 0.00	20.42 0.40 0.00
GILBOA____2 23757	17.71 0.47 0.00	16.49 0.45 0.00	15.37 0.40 0.00	14.96 0.38 0.00	15.11 0.38 0.00	18.27 0.45 0.00	24.39 0.66 0.00	26.55 0.80 0.00	23.83 0.72 0.00	22.33 0.69 0.00	20.83 0.57 0.00	20.66 0.56 0.00	20.96 0.61 0.00	21.92 0.62 0.00	22.27 0.69 0.00	22.88 0.86 0.00	25.74 1.01 0.00	32.13 1.17 -0.95	33.01 1.24 0.00	32.65 1.17 0.00	28.96 1.06 0.00	24.59 0.83 0.00	21.76 0.57 0.00	20.42 0.40 0.00
GILBOA____3 23758	17.71 0.47 0.00	16.49 0.45 0.00	15.37 0.40 0.00	14.96 0.38 0.00	15.11 0.38 0.00	18.27 0.45 0.00	24.39 0.66 0.00	26.55 0.80 0.00	23.83 0.72 0.00	22.33 0.69 0.00	20.83 0.57 0.00	20.66 0.56 0.00	20.96 0.61 0.00	21.92 0.62 0.00	22.27 0.69 0.00	22.88 0.86 0.00	25.74 1.01 0.00	32.13 1.17 -0.95	33.01 1.24 0.00	32.65 1.17 0.00	28.96 1.06 0.00	24.59 0.83 0.00	21.76 0.57 0.00	20.42 0.40 0.00
GILBOA____4 23759	17.71 0.47 0.00	16.49 0.45 0.00	15.37 0.40 0.00	14.96 0.38 0.00	15.11 0.38 0.00	18.27 0.45 0.00	24.39 0.66 0.00	26.55 0.80 0.00	23.83 0.72 0.00	22.33 0.69 0.00	20.83 0.57 0.00	20.66 0.56 0.00	20.96 0.61 0.00	21.92 0.62 0.00	22.27 0.69 0.00	22.88 0.86 0.00	25.74 1.01 0.00	32.13 1.17 -0.95	33.01 1.24 0.00	32.65 1.17 0.00	28.96 1.06 0.00	24.59 0.83 0.00	21.76 0.57 0.00	20.42 0.40 0.00
GILBOA____ 23599	17.71 0.47 0.00	16.49 0.45 0.00	15.37 0.40 0.00	14.96 0.38 0.00	15.14 0.41 0.00	18.29 0.46 0.00	24.40 0.66 0.00	26.57 0.82 0.00	23.83 0.72 0.00	22.33 0.69 0.00	20.83 0.57 0.00	20.66 0.56 0.00	20.96 0.61 0.00	21.92 0.62 0.00	22.29 0.71 0.00	22.89 0.86 0.00	25.74 1.01 0.00	32.13 1.17 -0.95	32.98 1.21 0.00	32.62 1.13 0.00	28.96 1.06 0.00	24.59 0.83 0.00	21.80 0.61 0.00	20.42 0.40 0.00
GINNA____ 23603	16.78 -0.46 0.00	15.53 -0.51 0.00	14.50 -0.46 0.00	14.22 -0.36 0.00	14.24 -0.49 0.00	17.27 -0.55 0.00	22.78 -0.95 0.00	24.46 -1.29 0.00	22.16 -0.95 0.00	20.68 -0.95 0.00	19.35 -0.91 0.00	19.17 -0.92 0.00	19.41 -0.94 0.00	20.39 -0.92 0.00	20.65 -0.93 0.00	21.01 -1.01 0.00	23.46 -1.26 0.00	28.53 -1.62 -0.13	29.99 -1.78 0.00	29.77 -1.54 0.18	26.45 -1.45 0.00	22.71 -1.04 0.00	20.21 -0.97 0.00	19.44 -0.58 0.00

GLEN PARK____ 23778	17.67 0.43 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.95 0.36 0.00	15.07 0.34 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.49 0.75 0.00	23.66 0.55 0.00	21.94 0.30 0.00	20.41 0.14 0.00	20.20 0.10 0.00	20.39 0.04 0.00	21.37 0.06 0.00	21.65 0.06 0.00	22.25 0.22 0.00	24.97 0.25 0.00	30.53 0.45 -0.06	32.40 0.64 0.00	32.37 0.88 0.00	28.68 0.78 0.00	24.50 0.74 0.00	21.78 0.59 0.00	20.54 0.52 0.00
GLENDALE_27_KV_LOAD 356172	18.22 0.97 -0.01	16.95 0.90 -0.01	15.76 0.79 -0.01	15.35 0.76 -0.01	15.58 0.84 -0.01	18.75 0.93 0.00	25.11 1.38 0.00	27.58 1.83 0.00	24.83 1.71 -0.01	30.43 1.73 -7.07	21.75 1.48 -0.01	21.57 1.47 -0.01	21.92 1.57 -0.01	23.39 1.66 -0.42	30.48 1.83 -7.06	30.43 2.05 -6.36	32.34 2.37 -5.25	33.78 2.79 -0.97	34.48 2.70 -0.01	34.04 2.55 0.00	30.02 2.12 0.00	25.52 1.76 0.00	22.54 1.36 0.00	20.99 0.96 -0.01
GLENWOOD_IC_1_G5 23712	18.29 1.05 0.00	17.00 0.96 0.00	15.79 0.82 0.00	15.33 0.74 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.25 1.52 0.00	27.65 1.91 0.00	24.94 1.83 0.00	23.39 1.75 0.00	21.76 1.50 0.00	21.59 1.49 0.00	21.93 1.59 0.00	23.11 1.73 -0.08	23.88 1.90 -0.40	27.82 2.11 -3.68	31.53 2.42 -4.38	36.21 2.73 -3.46	35.41 2.70 -0.95	36.14 2.55 -2.10	32.40 2.26 -2.24	27.91 1.95 -2.21	22.74 1.55 0.00	21.12 1.10 0.00
GLENWOOD_IC_2_G1 23688	18.19 0.95 0.00	16.90 0.87 0.00	15.71 0.75 0.00	15.24 0.66 0.00	15.46 0.74 0.00	18.78 0.94 -0.01	25.11 1.38 0.00	27.45 1.70 0.00	24.75 1.64 0.00	23.31 1.67 -0.01	21.67 1.40 -0.01	21.51 1.41 -0.01	21.86 1.51 -0.01	22.96 1.58 -0.07	23.69 1.70 -0.40	27.67 1.96 -3.68	31.36 2.25 -4.38	36.09 2.70 -3.37	35.34 2.70 -0.88	36.06 2.55 -2.02	32.16 2.12 -2.14	27.72 1.76 -2.21	22.53 1.34 -0.01	20.98 0.96 0.00
GLENWOOD_IC_3_G1 23689	18.19 0.95 0.00	16.90 0.87 0.00	15.71 0.75 0.00	15.24 0.66 0.00	15.46 0.74 0.00	18.78 0.94 -0.01	25.11 1.38 0.00	27.45 1.70 0.00	24.75 1.64 0.00	23.31 1.67 -0.01	21.67 1.40 -0.01	21.51 1.41 -0.01	21.86 1.51 -0.01	22.96 1.58 -0.07	23.69 1.70 -0.40	27.67 1.96 -3.68	31.36 2.25 -4.38	36.09 2.70 -3.37	35.34 2.70 -0.88	36.06 2.55 -2.02	32.16 2.12 -2.14	27.72 1.76 -2.21	22.53 1.34 -0.01	20.98 0.96 0.00
GLENWOOD____4 23550	18.29 1.05 0.00	17.00 0.96 0.00	15.79 0.82 0.00	15.33 0.74 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.25 1.52 0.00	27.65 1.91 0.00	24.94 1.83 0.00	23.41 1.77 0.00	21.78 1.52 0.00	21.61 1.51 0.00	21.95 1.61 0.00	23.11 1.73 -0.08	23.88 1.90 -0.40	27.82 2.11 -3.68	31.53 2.42 -4.38	36.27 2.79 -3.46	35.48 2.76 -0.95	36.23 2.64 -2.10	32.42 2.29 -2.24	27.91 1.95 -2.21	22.74 1.55 0.00	21.12 1.10 0.00
GLENWOOD____5 23614	18.29 1.05 0.00	17.00 0.96 0.00	15.79 0.82 0.00	15.33 0.74 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.25 1.52 0.00	27.65 1.91 0.00	24.94 1.83 0.00	23.41 1.77 0.00	21.78 1.52 0.00	21.61 1.51 0.00	21.95 1.61 0.00	23.11 1.73 -0.08	23.88 1.90 -0.40	27.82 2.11 -3.68	31.53 2.42 -4.38	36.27 2.79 -3.46	35.48 2.76 -0.95	36.23 2.64 -2.10	32.42 2.29 -2.24	27.91 1.95 -2.21	22.74 1.55 0.00	21.12 1.10 0.00
GLOBAL GREEN_PORT_GT1 23814	19.28 2.03 0.00	17.88 1.84 0.00	16.55 1.59 0.00	15.97 1.39 0.00	16.25 1.52 0.00	20.05 2.21 -0.01	26.60 2.87 0.00	29.30 3.55 0.00	26.58 3.47 0.00	25.02 3.37 -0.01	23.13 2.86 -0.01	22.94 2.83 -0.01	23.39 3.03 -0.01	24.57 3.19 -0.08	25.37 3.39 -0.40	29.43 3.72 -3.68	33.29 4.18 -4.38	47.73 5.19 -12.52	45.55 5.37 -8.41	47.02 5.23 -10.30	44.82 4.44 -12.49	29.60 3.64 -2.21	24.12 2.93 -0.01	22.32 2.30 0.00
GLOBE____DSASP 323697	17.55 0.31 0.00	16.12 0.08 0.00	15.16 0.19 0.00	14.71 0.13 0.00	14.63 -0.10 0.00	17.76 -0.07 0.00	23.16 -0.57 0.00	24.28 -1.47 0.00	22.49 -0.62 0.00	20.96 -0.67 0.00	19.72 -0.55 0.00	19.59 -0.50 0.00	19.80 -0.55 0.00	20.81 -0.49 0.00	21.15 -0.43 0.00	21.56 -0.46 0.00	23.78 -0.94 0.00	28.59 -1.56 -0.13	29.93 -1.84 0.00	29.87 -1.48 0.14	26.51 -1.40 0.00	23.00 -0.76 0.00	20.51 -0.68 0.00	20.08 0.06 0.00
GOETHSLN____LBMP 323567	17.97 0.72 0.00	16.74 0.71 0.00	15.59 0.63 0.00	15.18 0.60 0.00	15.41 0.68 0.00	18.58 0.75 0.00	24.82 1.09 0.00	27.27 1.52 0.00	24.50 1.39 0.00	23.08 1.45 0.00	21.46 1.20 0.00	21.28 1.19 0.00	21.63 1.28 0.00	22.67 1.36 0.00	23.11 1.53 0.00	23.79 1.76 0.00	26.78 2.05 0.00	33.32 2.34 -0.96	33.93 2.16 0.00	33.50 2.02 0.00	29.60 1.70 0.00	25.21 1.45 0.00	22.29 1.10 0.00	20.72 0.70 0.00
GOLAH____69_KV_TB 1_2 80279	17.81 0.57 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.08 0.50 0.00	15.01 0.28 0.00	18.26 0.43 0.00	23.99 0.26 0.00	25.46 -0.28 0.00	23.36 0.25 0.00	21.74 0.11 0.00	20.38 0.12 0.00	20.20 0.10 0.00	20.47 0.12 0.00	21.50 0.19 0.00	21.84 0.26 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.88 -0.27 -0.14	31.32 -0.44 0.00	31.16 -0.16 0.17	27.68 -0.22 0.00	23.88 0.12 0.00	21.34 0.15 0.00	20.60 0.58 0.00
GOODYEAR_LAKE_HYD 323669	17.95 0.71 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.32 0.59 0.00	18.59 0.77 0.00	24.78 1.04 0.00	26.98 1.24 0.00	24.20 1.09 0.00	22.61 0.97 0.00	21.03 0.77 0.00	20.84 0.74 0.00	21.12 0.77 0.00	22.11 0.81 0.00	22.51 0.93 0.00	23.13 1.10 0.00	25.98 1.26 0.00	32.02 1.53 -0.47	33.39 1.62 0.00	33.12 1.64 0.00	29.32 1.42 0.00	24.95 1.19 0.00	22.08 0.89 0.00	20.72 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.72 0.48 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.98 0.39 0.00	15.05 0.32 0.00	18.27 0.45 0.00	24.28 0.55 0.00	26.21 0.46 0.00	23.64 0.53 0.00	22.04 0.41 0.00	20.59 0.32 0.00	20.46 0.36 0.00	20.71 0.37 0.00	21.73 0.43 0.00	22.08 0.50 0.00	22.58 0.55 0.00	25.27 0.54 0.00	30.81 0.48 -0.32	32.31 0.54 0.00	32.33 0.63 -0.22	28.43 0.53 0.00	24.30 0.55 0.00	21.59 0.40 0.00	20.50 0.48 0.00
GOUDEY____7 23579	17.74 0.50 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.98 0.39 0.00	15.07 0.34 0.00	18.29 0.46 0.00	24.30 0.57 0.00	26.24 0.49 0.00	23.66 0.55 0.00	22.07 0.43 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.73 0.39 0.00	21.75 0.45 0.00	22.10 0.52 0.00	22.58 0.55 0.00	25.29 0.57 0.00	30.84 0.51 -0.32	32.34 0.57 0.00	32.37 0.66 -0.22	28.46 0.56 0.00	24.33 0.57 0.00	21.59 0.40 0.00	20.50 0.48 0.00
GOUDEY____8 23580	17.72 0.48 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.98 0.39 0.00	15.05 0.32 0.00	18.27 0.45 0.00	24.28 0.55 0.00	26.21 0.46 0.00	23.64 0.53 0.00	22.04 0.41 0.00	20.59 0.32 0.00	20.46 0.36 0.00	20.71 0.37 0.00	21.73 0.43 0.00	22.08 0.50 0.00	22.58 0.55 0.00	25.27 0.54 0.00	30.81 0.48 -0.32	32.31 0.54 0.00	32.33 0.63 -0.22	28.43 0.53 0.00	24.30 0.55 0.00	21.59 0.40 0.00	20.50 0.48 0.00

GOWANUS_GT1_1 24077	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_2 24078	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_3 24079	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_4 24080	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_5 24084	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_6 24111	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_7 24112	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT1_8 24113	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT2_1 24114	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_2 24115	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_3 24116	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_4 24117	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_5 24118	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_6 24119	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT2_7 24120	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01

GOWANUS_GT2_8 24121	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_1 24122	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_2 24123	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_3 24124	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_4 24125	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_5 24126	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_6 24127	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_7 24128	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT3_8 24129	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
GOWANUS_GT4_1 24130	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_2 24131	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_3 24132	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_4 24133	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_5 24134	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_6 24135	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01

GOWANUS_GT4_7 24136	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GOWANUS_GT4_8 24137	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GREENBSH_115KV_TB3 55895	17.54 0.29 0.00	16.46 0.42 0.00	15.37 0.40 0.00	14.95 0.36 0.00	15.11 0.38 0.00	18.15 0.32 0.00	24.13 0.40 0.00	26.37 0.62 0.00	23.50 0.39 0.00	22.02 0.39 0.00	20.55 0.28 0.00	20.42 0.32 0.00	20.65 0.31 0.00	21.58 0.28 0.00	21.95 0.37 0.00	22.58 0.55 0.00	25.44 0.72 0.00	32.19 0.96 -1.22	32.82 1.05 0.00	32.43 0.94 0.00	28.79 0.89 0.00	24.35 0.59 0.00	21.55 0.36 0.00	20.14 0.12 0.00
GREENDGE_115KV_TB5 80291	17.85 0.60 0.00	16.50 0.47 0.00	15.41 0.45 0.00	15.06 0.48 0.00	15.08 0.35 0.00	18.36 0.53 0.00	24.37 0.64 0.00	26.11 0.36 0.00	23.64 0.53 0.00	22.00 0.37 0.00	20.57 0.30 0.00	20.46 0.36 0.00	20.69 0.35 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.19 0.47 0.00	30.39 0.18 -0.20	31.83 0.06 0.00	31.77 0.28 0.00	28.29 0.39 0.00	24.26 0.50 0.00	21.55 0.36 0.00	20.64 0.62 0.00
GREENIDGE___3 23582	17.85 0.60 0.00	16.50 0.47 0.00	15.41 0.45 0.00	15.06 0.48 0.00	15.08 0.35 0.00	18.36 0.53 0.00	24.37 0.64 0.00	26.11 0.36 0.00	23.64 0.53 0.00	22.00 0.37 0.00	20.57 0.30 0.00	20.46 0.36 0.00	20.69 0.35 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.19 0.47 0.00	30.39 0.18 -0.20	31.83 0.06 0.00	31.77 0.28 0.00	28.29 0.39 0.00	24.26 0.50 0.00	21.55 0.36 0.00	20.64 0.62 0.00
GREENIDGE___4 23583	17.85 0.60 0.00	16.50 0.47 0.00	15.41 0.45 0.00	15.11 0.52 0.00	15.19 0.46 0.00	18.40 0.57 0.00	24.39 0.66 0.00	26.24 0.49 0.00	23.64 0.53 0.00	22.00 0.37 0.00	20.57 0.30 0.00	20.46 0.36 0.00	20.67 0.32 0.00	21.71 0.40 0.00	22.01 0.43 0.00	22.53 0.51 0.00	25.19 0.47 0.00	30.36 0.15 -0.20	31.90 0.13 0.00	31.83 0.35 0.00	28.37 0.47 0.00	24.28 0.52 0.00	21.53 0.34 0.00	20.64 0.62 0.00
GREENLWN_69_KV_BK 3 55738	18.56 1.31 -0.01	17.23 1.19 -0.01	15.98 1.02 -0.01	15.47 0.89 0.00	15.75 1.02 0.00	19.22 1.39 -0.01	25.61 1.87 -0.01	28.04 2.29 -0.01	25.33 2.22 -0.01	23.85 2.21 -0.01	22.13 1.86 -0.01	21.97 1.87 -0.01	22.32 1.97 -0.01	23.39 2.00 -0.08	24.17 2.18 -0.41	28.11 2.40 -3.69	31.83 2.72 -4.39	35.36 3.30 -2.04	34.85 3.30 0.22	35.49 3.18 -0.82	31.24 2.71 -0.64	28.25 2.28 -2.21	23.10 1.91 -0.01	21.43 1.40 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01
GRISSOM___SOLAR 323813	18.47 1.22 0.00	17.24 1.20 0.00	16.07 1.11 0.00	15.60 1.02 0.00	15.80 1.07 0.00	19.29 1.46 0.00	26.13 2.40 0.00	28.19 2.45 0.00	25.05 1.94 0.00	23.34 1.71 0.00	21.64 1.38 0.00	21.40 1.31 0.00	21.71 1.36 0.00	22.73 1.43 0.00	23.05 1.47 0.00	23.81 1.78 0.00	26.92 2.20 0.00	34.22 2.94 -1.26	34.95 3.18 0.00	34.73 3.24 0.00	31.00 3.10 0.00	26.13 2.38 0.00	22.88 1.70 0.00	21.46 1.44 0.00
GROVEVILLE___HYD 323602	18.10 0.86 0.00	16.81 0.77 0.00	15.66 0.70 0.00	15.24 0.66 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.99 1.26 0.00	27.29 1.54 0.00	24.47 1.36 0.00	22.97 1.34 0.00	21.38 1.11 0.00	21.20 1.11 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.96 1.38 0.00	23.66 1.63 0.00	26.63 1.90 0.00	33.39 2.40 -0.97	34.28 2.51 0.00	33.85 2.36 0.00	29.94 2.04 0.00	25.37 1.62 0.00	22.40 1.21 0.00	20.84 0.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
HAMLTNNY_34_KV_TB 80303	17.43 0.19 0.00	16.18 0.14 0.00	15.10 0.13 0.00	14.73 0.15 0.00	14.80 0.07 0.00	17.99 0.16 0.00	23.92 0.19 0.00	25.80 0.05 0.00	23.25 0.14 0.00	21.68 0.04 0.00	20.26 0.00 0.00	20.14 0.04 0.00	20.37 0.02 0.00	21.37 0.06 0.00	21.69 0.11 0.00	22.03 0.00 0.00	24.65 -0.07 0.00	29.93 -0.21 -0.12	31.55 -0.22 0.00	31.93 -0.09 -0.54	27.79 -0.11 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.18 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.51 -0.07 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.57 -0.16 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.61 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	21.00 -0.58 0.00	21.45 -0.57 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.20 -0.57 0.00	31.05 -0.44 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	17.55 0.31 0.00	16.33 0.29 0.00	15.23 0.27 0.00	14.83 0.25 0.00	14.98 0.25 0.00	18.17 0.34 0.00	24.18 0.45 0.00	26.08 0.33 0.00	23.41 0.30 0.00	21.91 0.28 0.00	20.49 0.22 0.00	20.32 0.22 0.00	20.57 0.22 0.00	21.54 0.23 0.00	21.82 0.24 0.00	22.31 0.29 0.00	25.00 0.27 0.00	30.35 0.33 0.00	32.12 0.35 0.00	31.87 0.38 0.00	28.21 0.31 0.00	24.07 0.31 0.00	21.42 0.23 0.00	20.32 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.00 0.76 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.09 1.34 0.00	24.31 1.20 0.00	22.82 1.19 0.00	21.26 0.99 0.00	21.10 1.00 0.00	21.40 1.06 0.00	22.43 1.13 0.00	22.85 1.27 0.00	23.52 1.50 0.00	26.45 1.73 0.00	33.06 2.16 -0.89	33.93 2.16 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.23 1.04 0.00	20.74 0.72 0.00

HARSNRAD_115KV_TB1 81005	17.79 0.55 0.00	16.52 0.48 0.00	15.32 0.36 0.00	15.09 0.51 0.00	14.99 0.27 0.00	18.22 0.39 0.00	23.68 -0.05 0.00	24.90 -0.85 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.18 -0.08 0.00	20.04 -0.06 0.00	20.24 -0.10 0.00	21.30 0.00 0.00	21.67 0.09 0.00	22.09 0.07 0.00	24.40 -0.32 0.00	29.28 -0.87 -0.14	30.72 -1.05 0.00	30.66 -0.69 0.14	27.18 -0.73 0.00	23.57 -0.19 0.00	21.00 -0.19 0.00	20.52 0.50 0.00
HARZA MOOSE__RIVER 24016	17.54 0.29 0.00	16.33 0.29 0.00	15.23 0.27 0.00	14.83 0.25 0.00	14.96 0.24 0.00	18.18 0.36 0.00	24.23 0.50 0.00	26.21 0.46 0.00	23.46 0.35 0.00	21.85 0.22 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.39 0.04 0.00	21.37 0.06 0.00	21.67 0.09 0.00	22.18 0.15 0.00	24.90 0.17 0.00	30.36 0.30 -0.04	32.18 0.41 0.00	31.99 0.50 0.00	28.35 0.45 0.00	24.19 0.43 0.00	21.53 0.34 0.00	20.34 0.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.28 0.03 0.00	16.05 0.02 0.00	14.96 0.00 0.00	14.60 0.01 0.00	14.68 -0.04 0.00	17.83 0.00 0.00	23.73 0.00 0.00	25.57 -0.18 0.00	23.09 -0.02 0.00	21.55 -0.09 0.00	20.14 -0.12 0.00	20.02 -0.08 0.00	20.24 -0.10 0.00	21.22 -0.09 0.00	21.56 -0.02 0.00	21.89 -0.13 0.00	24.45 -0.27 0.00	29.61 -0.51 -0.11	31.26 -0.51 0.00	31.26 -0.41 -0.18	27.54 -0.36 0.00	23.57 -0.19 0.00	20.98 -0.21 0.00	20.06 0.04 0.00
HELLGATE_13_KV_LD 55870	18.16 0.91 -0.01	16.91 0.87 -0.01	15.75 0.78 -0.01	15.33 0.74 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.35 2.57 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.16 0.91 -0.01	16.91 0.87 -0.01	15.75 0.78 -0.01	15.33 0.74 -0.01	15.55 0.81 -0.01	18.70 0.87 0.00	25.01 1.28 0.00	27.47 1.73 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.49 -0.01	23.31 1.58 -0.42	30.38 1.75 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.35 2.57 -0.01	33.88 2.39 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.93 0.90 -0.01
HEMPSTEAD____ 23647	18.29 1.05 0.00	17.00 0.96 0.00	15.77 0.81 0.00	15.27 0.69 0.00	15.51 0.78 0.00	18.94 1.11 -0.01	25.25 1.52 0.00	27.60 1.85 0.00	24.98 1.87 0.00	23.50 1.86 -0.01	21.83 1.56 -0.01	21.65 1.55 -0.01	22.02 1.67 -0.01	23.10 1.72 -0.08	23.86 1.88 -0.40	27.84 2.14 -3.68	31.53 2.42 -4.38	36.36 2.88 -3.46	35.60 2.89 -0.94	36.36 2.77 -2.10	32.42 2.29 -2.23	27.89 1.92 -2.21	22.74 1.55 -0.01	21.12 1.10 0.00
HEWLETT__69_KV_BK3 55828	18.50 1.26 0.00	17.16 1.12 0.00	15.92 0.96 0.00	15.43 0.85 0.00	15.69 0.96 0.00	19.15 1.32 0.00	25.51 1.78 0.00	27.86 2.11 0.00	25.19 2.08 0.00	23.73 2.10 0.00	22.05 1.78 0.00	21.87 1.77 0.00	22.22 1.87 0.00	23.30 1.92 -0.07	24.08 2.09 -0.40	28.00 2.29 -3.68	31.75 2.65 -4.38	36.63 3.24 -3.37	35.89 3.24 -0.88	36.63 3.12 -2.02	32.66 2.62 -2.14	28.13 2.16 -2.21	22.99 1.80 0.00	21.38 1.36 0.00
HICKLING__1 23621	17.95 0.71 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.15 0.57 0.00	15.16 0.43 0.00	18.45 0.62 0.00	24.40 0.66 0.00	26.24 0.49 0.00	23.80 0.69 0.00	22.15 0.52 0.00	20.73 0.47 0.00	20.62 0.52 0.00	20.87 0.53 0.00	21.92 0.62 0.00	22.29 0.71 0.00	22.80 0.77 0.00	25.44 0.72 0.00	30.71 0.45 -0.25	32.31 0.54 0.00	32.34 0.72 -0.13	28.51 0.61 0.00	24.47 0.71 0.00	21.74 0.55 0.00	20.72 0.70 0.00
HICKLING__2 23622	17.95 0.71 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.15 0.57 0.00	15.16 0.43 0.00	18.45 0.62 0.00	24.40 0.66 0.00	26.24 0.49 0.00	23.80 0.69 0.00	22.15 0.52 0.00	20.73 0.47 0.00	20.62 0.52 0.00	20.87 0.53 0.00	21.92 0.62 0.00	22.29 0.71 0.00	22.80 0.77 0.00	25.44 0.72 0.00	30.71 0.45 -0.25	32.31 0.54 0.00	32.34 0.72 -0.13	28.51 0.61 0.00	24.47 0.71 0.00	21.74 0.55 0.00	20.72 0.70 0.00
HIGH FALLS__HY 23754	18.09 0.84 0.00	16.74 0.71 0.00	15.59 0.63 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.59 0.77 0.00	24.94 1.21 0.00	27.16 1.42 0.00	24.38 1.27 0.00	22.87 1.23 0.00	21.26 0.99 0.00	21.10 1.00 0.00	21.26 0.92 0.00	22.26 0.96 0.00	22.70 1.12 0.00	23.39 1.37 0.00	26.31 1.58 0.00	32.93 1.95 -0.96	33.83 2.06 0.00	33.44 1.95 0.00	29.71 1.81 0.00	25.26 1.50 0.00	22.31 1.12 0.00	20.84 0.82 0.00
HILLBURN__GT 23639	18.00 0.76 0.00	16.73 0.69 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.33 0.60 0.00	18.54 0.71 0.00	24.85 1.12 0.00	27.03 1.29 0.00	24.33 1.22 0.00	22.89 1.25 0.00	21.30 1.03 0.00	21.14 1.04 0.00	21.48 1.14 0.00	22.50 1.19 0.00	22.90 1.32 0.00	23.59 1.56 0.00	26.53 1.80 0.00	33.11 2.19 -0.90	33.96 2.19 0.00	33.53 2.05 0.00	29.57 1.67 0.00	25.14 1.38 0.00	22.14 0.95 0.00	20.74 0.72 0.00
HILLSIDE_115KV_TB1 80332	17.69 0.45 0.00	16.36 0.32 0.00	15.28 0.31 0.00	14.93 0.35 0.00	14.96 0.24 0.00	18.18 0.36 0.00	24.04 0.31 0.00	25.82 0.08 0.00	23.41 0.30 0.00	21.81 0.17 0.00	20.40 0.14 0.00	20.30 0.20 0.00	20.55 0.20 0.00	21.58 0.28 0.00	21.95 0.37 0.00	22.44 0.42 0.00	25.05 0.32 0.00	30.27 0.00 -0.25	31.83 0.06 0.00	31.85 0.22 -0.14	28.07 0.17 0.00	24.09 0.33 0.00	21.38 0.19 0.00	20.42 0.40 0.00
HISHELDN_WT_PWR 323625	17.97 0.72 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.24 0.66 0.00	15.32 0.59 0.00	18.41 0.59 0.00	24.09 0.36 0.00	25.75 0.00 0.00	23.48 0.37 0.00	21.85 0.22 0.00	20.53 0.26 0.00	20.42 0.32 0.00	20.59 0.25 0.00	21.69 0.38 0.00	21.99 0.41 0.00	22.49 0.46 0.00	24.95 0.22 0.00	29.88 -0.30 -0.16	31.48 -0.29 0.00	31.55 0.06 0.00	27.82 -0.08 0.00	24.02 0.26 0.00	21.30 0.11 0.00	20.70 0.68 0.00
HOLTSVILLE_IC_1 23690	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
HOLTSVILLE_IC_10 23699	18.73 1.48 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.44 1.61 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.70 2.59 0.00	24.19 2.55 -0.01	22.36 2.09 -0.01	22.20 2.09 -0.01	22.61 2.26 -0.01	23.74 2.36 -0.08	24.51 2.52 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.96 3.90 -13.04	44.61 4.00 -8.84	46.13 3.87 -10.77	44.29 3.32 -13.07	28.67 2.71 -2.21	23.42 2.22 -0.01	21.62 1.60 0.00

HOLTSVILLE_IC_2 23691	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
HOLTSVILLE_IC_3 23692	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
HOLTSVILLE_IC_4 23693	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
HOLTSVILLE_IC_5 23694	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
HOLTSVILLE_IC_6 23695	18.73 1.48 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.44 1.61 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.70 2.59 0.00	24.19 2.55 -0.01	22.36 2.09 -0.01	22.20 2.09 -0.01	22.61 2.26 -0.01	23.74 2.36 -0.08	24.51 2.52 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.96 3.90 -13.04	44.61 4.00 -8.84	46.13 3.87 -10.77	44.29 3.32 -13.07	28.67 2.71 -2.21	23.42 2.22 -0.01	21.62 1.60 0.00
HOLTSVILLE_IC_7 23696	18.73 1.48 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.44 1.61 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.70 2.59 0.00	24.19 2.55 -0.01	22.36 2.09 -0.01	22.20 2.09 -0.01	22.61 2.26 -0.01	23.74 2.36 -0.08	24.51 2.52 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.96 3.90 -13.04	44.61 4.00 -8.84	46.13 3.87 -10.77	44.29 3.32 -13.07	28.67 2.71 -2.21	23.42 2.22 -0.01	21.62 1.60 0.00
HOLTSVILLE_IC_8 23697	18.73 1.48 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.44 1.61 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.70 2.59 0.00	24.19 2.55 -0.01	22.36 2.09 -0.01	22.20 2.09 -0.01	22.61 2.26 -0.01	23.74 2.36 -0.08	24.51 2.52 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.96 3.90 -13.04	44.61 4.00 -8.84	46.13 3.87 -10.77	44.29 3.32 -13.07	28.67 2.71 -2.21	23.42 2.22 -0.01	21.62 1.60 0.00
HOLTSVILLE_IC_9 23698	18.73 1.48 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.44 1.61 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.70 2.59 0.00	24.19 2.55 -0.01	22.36 2.09 -0.01	22.20 2.09 -0.01	22.61 2.26 -0.01	23.74 2.36 -0.08	24.51 2.52 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.96 3.90 -13.04	44.61 4.00 -8.84	46.13 3.87 -10.77	44.29 3.32 -13.07	28.67 2.71 -2.21	23.42 2.22 -0.01	21.62 1.60 0.00
HOMER_HL_115KV_TB2 355744	18.14 0.90 0.00	16.68 0.64 0.00	15.58 0.61 0.00	15.27 0.69 0.00	15.23 0.50 0.00	18.49 0.66 0.00	24.28 0.55 0.00	25.82 0.08 0.00	23.78 0.67 0.00	22.11 0.48 0.00	20.75 0.49 0.00	20.64 0.54 0.00	20.90 0.55 0.00	21.99 0.68 0.00	22.36 0.78 0.00	22.86 0.84 0.00	25.42 0.69 0.00	30.09 -0.09 -0.17	31.96 0.19 0.00	31.99 0.50 0.00	28.21 0.31 0.00	24.35 0.59 0.00	21.57 0.38 0.00	20.86 0.84 0.00
HOWARD_WT_PWR 323690	18.29 1.05 0.00	16.90 0.87 0.00	15.77 0.81 0.00	15.50 0.92 0.00	15.57 0.84 0.00	18.81 0.98 0.00	24.80 1.07 0.00	26.60 0.85 0.00	24.10 0.99 0.00	22.39 0.76 0.00	20.95 0.69 0.00	20.86 0.76 0.00	21.06 0.71 0.00	22.16 0.85 0.00	22.47 0.89 0.00	23.02 0.99 0.00	25.66 0.94 0.00	30.85 0.63 -0.20	32.59 0.82 0.00	32.59 1.10 0.00	28.82 0.92 0.00	24.73 0.97 0.00	21.91 0.72 0.00	21.12 1.10 0.00
HQ_GEN_CEDARS 23644	16.95 -0.29 0.00	15.77 -0.27 0.00	14.74 -0.22 0.00	14.38 -0.20 0.00	14.57 -0.16 0.00	17.60 -0.23 0.00	23.37 -0.36 0.00	25.28 -0.46 0.00	22.62 -0.49 0.00	21.20 -0.43 0.00	19.92 -0.34 0.00	19.70 -0.40 0.00	19.88 -0.47 0.00	20.81 -0.49 0.00	21.00 -0.58 0.00	21.41 -0.62 0.00	24.08 -0.64 0.00	29.39 -0.63 0.00	31.20 -0.57 0.00	30.92 -0.57 0.00	27.43 -0.47 0.00	23.47 -0.29 0.00	21.10 -0.08 0.00	19.88 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	16.95 -0.29 0.00	15.77 -0.27 0.00	14.74 -0.22 0.00	14.38 -0.20 0.00	14.57 -0.16 0.00	17.59 -0.23 0.00	23.38 -0.36 0.00	25.26 -0.49 0.00	22.62 -0.49 0.00	21.20 -0.43 0.00	19.92 -0.34 0.00	19.70 -0.40 0.00	19.88 -0.47 0.00	20.82 -0.49 0.00	21.08 -0.50 0.00	21.45 -0.57 0.00	24.08 -0.64 0.00	29.38 -0.63 0.00	31.13 -0.64 0.00	30.86 -0.63 0.00	27.43 -0.47 0.00	23.47 -0.28 0.00	21.08 -0.11 0.00	19.88 -0.14 0.00
HQ_GEN_IMPORT 323601	16.98 -0.26 0.00	15.80 -0.24 0.00	14.75 -0.21 0.00	14.38 -0.20 0.00	14.54 -0.19 0.00	17.59 -0.23 0.00	23.40 -0.33 0.00	25.36 -0.39 0.00	22.76 -0.35 0.00	21.33 -0.30 0.00	20.04 -0.22 0.00	19.88 -0.22 0.00	20.10 -0.24 0.00	21.05 -0.25 0.00	21.30 -0.28 0.00	21.67 -0.35 0.00	24.33 -0.40 0.00	29.60 -0.42 0.00	31.32 -0.44 0.00	31.02 -0.47 0.00	27.54 -0.36 0.00	23.45 -0.31 0.00	21.04 -0.15 0.00	19.84 -0.18 0.00
HQ_GEN_WHEEL 23651	16.98 -0.26 0.00	15.80 -0.24 0.00	14.75 -0.21 0.00	14.38 -0.20 0.00	14.54 -0.19 0.00	17.59 -0.23 0.00	23.40 -0.33 0.00	25.36 -0.39 0.00	22.76 -0.35 0.00	21.33 -0.30 0.00	20.04 -0.22 0.00	19.88 -0.22 0.00	20.10 -0.24 0.00	21.05 -0.25 0.00	21.30 -0.28 0.00	21.67 -0.35 0.00	24.33 -0.40 0.00	29.60 -0.42 0.00	31.32 -0.44 0.00	31.02 -0.47 0.00	27.54 -0.36 0.00	23.45 -0.31 0.00	21.04 -0.15 0.00	19.84 -0.18 0.00
HUDSON_AVE_GT_3 23810	18.07 0.83 0.00	16.82 0.79 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.67 0.84 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.84 0.82 0.00

HUDSON AVE_GT_4 23540	18.07 0.83 0.00	16.82 0.79 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.67 0.84 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.84 0.82 0.00
HUDSON AVE_GT_5 23657	18.07 0.83 0.00	16.82 0.79 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.67 0.84 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.56 2.58 -0.96	34.22 2.45 0.00	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.84 0.82 0.00
HUDSON_AVE_10 24168	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.21 0.63 0.00	15.44 0.71 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.40 1.65 0.00	24.61 1.50 0.00	23.19 1.56 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.22 1.64 0.00	23.90 1.87 0.00	26.90 2.18 0.00	33.47 2.49 -0.96	34.12 2.35 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.40 1.21 0.00	20.80 0.78 0.00
HUDSON___115KV_TB 4 355613	17.85 0.60 0.00	16.71 0.67 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.36 0.63 0.00	18.47 0.64 0.00	24.66 0.93 0.00	26.91 1.16 0.00	23.94 0.83 0.00	22.37 0.74 0.00	20.85 0.59 0.00	20.68 0.58 0.00	20.94 0.59 0.00	21.86 0.55 0.00	22.25 0.67 0.00	22.93 0.90 0.00	25.89 1.16 0.00	32.70 1.50 -1.18	33.58 1.81 0.00	33.22 1.73 0.00	29.52 1.62 0.00	24.92 1.16 0.00	21.99 0.81 0.00	20.52 0.50 0.00
HUNTER MOUNT___DRP 323613	17.93 0.69 0.00	16.79 0.75 0.00	15.69 0.73 0.00	15.27 0.69 0.00	15.44 0.71 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.06 1.31 0.00	24.03 0.92 0.00	22.39 0.76 0.00	20.87 0.61 0.00	20.70 0.60 0.00	20.96 0.61 0.00	21.88 0.58 0.00	22.25 0.67 0.00	22.95 0.93 0.00	25.96 1.24 0.00	32.76 1.59 -1.15	33.87 2.10 0.00	33.47 1.98 0.00	29.77 1.87 0.00	25.09 1.33 0.00	22.12 0.93 0.00	20.62 0.60 0.00
HUNTINGTON_RES_REC 323705	18.63 1.38 0.00	17.28 1.24 0.00	16.01 1.05 0.00	15.47 0.89 0.00	15.74 1.02 0.00	19.30 1.46 -0.01	25.68 1.95 0.00	28.20 2.45 0.00	25.54 2.43 0.00	24.05 2.40 -0.01	22.28 2.01 -0.01	22.12 2.01 -0.01	22.49 2.14 -0.01	23.60 2.22 -0.08	24.36 2.37 -0.41	28.35 2.64 -3.68	32.13 3.02 -4.39	30.96 3.63 2.69	31.36 3.72 4.12	31.59 3.56 3.45	26.23 3.04 4.72	28.48 2.52 -2.21	23.26 2.05 -0.01	21.53 1.50 0.00
HUNTLEY___63 23557	17.97 0.72 0.00	16.58 0.55 0.00	15.49 0.52 0.00	15.14 0.55 0.00	15.05 0.32 0.00	18.27 0.45 0.00	23.85 0.12 0.00	25.10 -0.64 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.36 0.10 0.00	20.22 0.12 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.29 0.26 0.00	24.65 -0.07 0.00	29.56 -0.60 -0.14	31.01 -0.76 0.00	30.98 -0.38 0.13	27.40 -0.50 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.66 0.64 0.00
HUNTLEY___64 23558	17.97 0.72 0.00	16.58 0.55 0.00	15.49 0.52 0.00	15.14 0.55 0.00	15.05 0.32 0.00	18.27 0.45 0.00	23.85 0.12 0.00	25.10 -0.64 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.36 0.10 0.00	20.22 0.12 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.29 0.26 0.00	24.65 -0.07 0.00	29.56 -0.60 -0.14	31.01 -0.76 0.00	30.98 -0.38 0.13	27.40 -0.50 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.66 0.64 0.00
HUNTLEY___65 23559	17.97 0.72 0.00	16.58 0.55 0.00	15.49 0.52 0.00	15.14 0.55 0.00	15.05 0.32 0.00	18.27 0.45 0.00	23.85 0.12 0.00	25.10 -0.64 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.36 0.10 0.00	20.22 0.12 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.29 0.26 0.00	24.65 -0.07 0.00	29.56 -0.60 -0.14	31.01 -0.76 0.00	30.98 -0.38 0.13	27.40 -0.50 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.66 0.64 0.00
HUNTLEY___66 23560	17.97 0.72 0.00	16.58 0.55 0.00	15.49 0.52 0.00	15.14 0.55 0.00	15.05 0.32 0.00	18.27 0.45 0.00	23.85 0.12 0.00	25.10 -0.64 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.36 0.10 0.00	20.22 0.12 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.29 0.26 0.00	24.65 -0.07 0.00	29.56 -0.60 -0.14	31.01 -0.76 0.00	30.98 -0.38 0.13	27.40 -0.50 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.66 0.64 0.00
HUNTLEY___67 23561	17.86 0.62 0.00	16.50 0.47 0.00	15.37 0.40 0.00	15.06 0.48 0.00	14.99 0.27 0.00	18.20 0.37 0.00	23.78 0.05 0.00	24.95 -0.80 0.00	23.06 -0.05 0.00	21.50 -0.13 0.00	20.22 -0.04 0.00	20.08 -0.02 0.00	20.28 -0.06 0.00	21.35 0.04 0.00	21.69 0.11 0.00	22.11 0.09 0.00	24.43 -0.30 0.00	29.41 -0.75 -0.14	30.88 -0.89 0.00	30.80 -0.57 0.12	27.32 -0.59 0.00	23.66 -0.10 0.00	21.08 -0.11 0.00	20.56 0.54 0.00
HUNTLEY___68 23562	17.86 0.62 0.00	16.50 0.47 0.00	15.37 0.40 0.00	15.06 0.48 0.00	14.99 0.27 0.00	18.20 0.37 0.00	23.78 0.05 0.00	24.95 -0.80 0.00	23.06 -0.05 0.00	21.50 -0.13 0.00	20.22 -0.04 0.00	20.08 -0.02 0.00	20.28 -0.06 0.00	21.35 0.04 0.00	21.69 0.11 0.00	22.11 0.09 0.00	24.43 -0.30 0.00	29.41 -0.75 -0.14	30.88 -0.89 0.00	30.80 -0.57 0.12	27.32 -0.59 0.00	23.66 -0.10 0.00	21.08 -0.11 0.00	20.56 0.54 0.00
HYLAND___LFGE 323620	18.57 1.33 0.00	17.14 1.11 0.00	16.02 1.06 0.00	15.75 1.17 0.00	15.74 1.02 0.00	19.15 1.32 0.00	25.23 1.50 0.00	27.27 1.52 0.00	24.66 1.55 0.00	22.76 1.12 0.00	21.24 0.97 0.00	21.02 0.92 0.00	21.24 0.89 0.00	22.31 1.00 0.00	22.59 1.01 0.00	23.15 1.12 0.00	25.93 1.21 0.00	31.60 1.41 -0.17	33.52 1.75 0.00	33.69 2.20 0.00	29.74 1.84 0.00	25.56 1.80 0.00	22.61 1.42 0.00	21.54 1.52 0.00
INDECK___CORINTH 23802	18.28 1.03 0.00	17.03 0.99 0.00	15.86 0.90 0.00	15.43 0.85 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.44 1.71 0.00	27.76 2.01 0.00	24.77 1.66 0.00	23.13 1.49 0.00	21.56 1.30 0.00	21.34 1.25 0.00	21.63 1.28 0.00	22.58 1.28 0.00	22.83 1.25 0.00	23.26 1.23 0.00	26.28 1.56 0.00	33.34 2.07 -1.25	34.06 2.29 0.00	33.76 2.27 0.00	30.30 2.40 0.00	25.54 1.78 0.00	22.50 1.31 0.00	21.12 1.10 0.00
INDECK___ILION 23567	17.47 0.22 0.00	16.25 0.21 0.00	15.16 0.19 0.00	14.76 0.17 0.00	14.91 0.18 0.00	18.06 0.23 0.00	24.06 0.33 0.00	26.03 0.28 0.00	23.34 0.23 0.00	21.85 0.22 0.00	20.42 0.16 0.00	20.26 0.16 0.00	20.51 0.16 0.00	21.47 0.17 0.00	21.77 0.19 0.00	22.25 0.22 0.00	24.95 0.22 0.00	30.32 0.30 0.00	32.05 0.29 0.00	31.80 0.31 0.00	28.15 0.25 0.00	24.00 0.24 0.00	21.36 0.17 0.00	20.22 0.20 0.00

INDECK___OLEAN 23982	18.14 0.90 0.00	16.68 0.64 0.00	15.59 0.63 0.00	15.34 0.76 0.00	15.42 0.69 0.00	18.54 0.71 0.00	24.32 0.59 0.00	26.06 0.31 0.00	23.78 0.67 0.00	22.11 0.48 0.00	20.75 0.49 0.00	20.68 0.58 0.00	20.87 0.53 0.00	21.99 0.68 0.00	22.29 0.71 0.00	22.84 0.82 0.00	25.42 0.69 0.00	30.09 -0.09 -0.17	32.09 0.32 0.00	32.15 0.66 0.00	28.26 0.36 0.00	24.35 0.59 0.00	21.49 0.30 0.00	20.86 0.84 0.00
INDECK___OSWEGO 23783	17.66 0.41 0.00	16.39 0.35 0.00	15.29 0.33 0.00	14.93 0.35 0.00	15.02 0.29 0.00	18.25 0.43 0.00	24.32 0.59 0.00	26.26 0.51 0.00	23.62 0.51 0.00	22.00 0.37 0.00	20.55 0.28 0.00	20.42 0.32 0.00	20.63 0.28 0.00	21.64 0.34 0.00	21.90 0.32 0.00	22.36 0.33 0.00	25.04 0.32 0.00	30.35 0.24 -0.10	32.12 0.35 0.00	32.17 0.50 -0.18	28.35 0.45 0.00	24.19 0.43 0.00	21.55 0.36 0.00	20.52 0.50 0.00
INDECK___YERKES 23781	17.98 0.74 0.00	16.60 0.56 0.00	15.47 0.51 0.00	15.24 0.66 0.00	15.32 0.59 0.00	18.36 0.53 0.00	23.90 0.17 0.00	25.44 -0.31 0.00	23.27 0.16 0.00	21.68 0.04 0.00	20.38 0.12 0.00	20.26 0.16 0.00	20.43 0.08 0.00	21.52 0.21 0.00	21.80 0.22 0.00	22.31 0.29 0.00	24.67 -0.05 0.00	29.59 -0.57 -0.14	31.13 -0.64 0.00	31.11 -0.25 0.13	27.51 -0.39 0.00	23.81 0.05 0.00	21.15 -0.04 0.00	20.68 0.66 0.00
INDIAN POINT_GT_1 24139	17.98 0.74 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.40 1.29 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.18 1.09 0.00	21.53 1.18 0.00	22.54 1.24 0.00	22.98 1.40 0.00	23.63 1.61 0.00	26.60 1.88 0.00	33.24 2.28 -0.95	34.02 2.26 0.00	33.60 2.11 0.00	29.69 1.79 0.00	25.21 1.45 0.00	22.27 1.08 0.00	20.72 0.70 0.00
INDIAN POINT_GT_2 23659	17.98 0.74 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.40 1.29 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.18 1.09 0.00	21.53 1.18 0.00	22.54 1.24 0.00	22.98 1.40 0.00	23.63 1.61 0.00	26.60 1.88 0.00	33.24 2.28 -0.95	34.02 2.26 0.00	33.60 2.11 0.00	29.69 1.79 0.00	25.21 1.45 0.00	22.27 1.08 0.00	20.72 0.70 0.00
INDIAN POINT_GT_3 24019	17.98 0.74 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.40 1.29 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.18 1.09 0.00	21.53 1.18 0.00	22.54 1.24 0.00	22.98 1.40 0.00	23.63 1.61 0.00	26.60 1.88 0.00	33.24 2.28 -0.95	34.02 2.26 0.00	33.60 2.11 0.00	29.69 1.79 0.00	25.21 1.45 0.00	22.27 1.08 0.00	20.72 0.70 0.00
INDIAN POINT___2 23530	17.98 0.74 0.00	16.71 0.67 0.00	15.56 0.60 0.00	15.12 0.54 0.00	15.32 0.59 0.00	18.52 0.69 0.00	24.80 1.07 0.00	27.09 1.34 0.00	24.38 1.27 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.53 1.18 0.00	22.54 1.24 0.00	22.94 1.36 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.20 2.25 -0.93	34.02 2.26 0.00	33.60 2.11 0.00	29.63 1.73 0.00	25.18 1.43 0.00	22.21 1.02 0.00	20.70 0.68 0.00
INDIAN POINT___3 23531	17.98 0.74 0.00	16.71 0.67 0.00	15.56 0.60 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.80 1.07 0.00	27.16 1.42 0.00	24.38 1.27 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.07 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.96 1.38 0.00	23.61 1.59 0.00	26.58 1.85 0.00	33.19 2.22 -0.95	33.99 2.22 0.00	33.57 2.08 0.00	29.66 1.76 0.00	25.18 1.43 0.00	22.27 1.08 0.00	20.72 0.70 0.00
INGHAM_C_115KV_TB7 356103	17.60 0.36 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	15.02 0.29 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.13 0.39 0.00	23.43 0.32 0.00	21.94 0.30 0.00	20.53 0.26 0.00	20.36 0.26 0.00	20.61 0.26 0.00	21.58 0.28 0.00	21.86 0.28 0.00	22.33 0.31 0.00	25.00 0.27 0.00	30.38 0.36 0.00	32.15 0.38 0.00	31.87 0.38 0.00	28.24 0.33 0.00	24.09 0.33 0.00	21.46 0.28 0.00	20.38 0.36 0.00
IP CORINTH___1 23988	18.28 1.03 0.00	17.03 0.99 0.00	15.86 0.90 0.00	15.43 0.85 0.00	15.61 0.88 0.00	18.95 1.12 0.00	25.44 1.71 0.00	27.81 2.06 0.00	24.77 1.66 0.00	23.13 1.49 0.00	21.54 1.28 0.00	21.34 1.25 0.00	21.63 1.28 0.00	22.58 1.28 0.00	22.88 1.29 0.00	23.26 1.23 0.00	26.28 1.56 0.00	33.34 2.07 -1.25	34.02 2.26 0.00	33.75 2.27 0.00	30.30 2.40 0.00	25.54 1.78 0.00	22.54 1.36 0.00	21.12 1.10 0.00
IP___TICONDEROGA 23804	18.95 1.71 0.00	17.66 1.62 0.00	16.44 1.48 0.00	15.98 1.40 0.00	16.16 1.43 0.00	19.70 1.87 0.00	26.60 2.87 0.00	29.12 3.37 0.00	25.84 2.73 0.00	24.06 2.42 0.00	22.37 2.11 0.00	22.15 2.05 0.00	22.32 1.97 0.00	23.29 1.98 0.00	23.57 1.99 0.00	24.07 2.05 0.00	27.27 2.55 0.00	34.66 3.39 -1.25	35.42 3.65 0.00	35.20 3.72 0.00	31.86 3.96 0.00	26.75 2.99 0.00	23.50 2.31 0.00	21.96 1.94 0.00
ISLIP_RES_REC 323679	18.80 1.55 0.00	17.45 1.41 0.00	16.14 1.18 0.00	15.59 1.01 0.00	15.86 1.13 0.00	19.53 1.69 -0.01	25.94 2.21 0.00	28.51 2.76 0.00	25.84 2.73 0.00	24.33 2.68 -0.01	22.48 2.21 -0.01	22.32 2.21 -0.01	22.73 2.38 -0.01	23.89 2.51 -0.08	24.64 2.65 -0.40	28.66 2.95 -3.68	32.50 3.39 -4.38	46.32 4.11 -12.20	44.14 4.23 -8.14	45.58 4.09 -10.00	43.53 3.52 -12.11	28.81 2.85 -2.21	23.55 2.35 -0.01	21.74 1.72 0.00
JAMAICA___27_KV_LOAD 355505	18.12 0.88 0.00	16.84 0.80 0.00	15.69 0.73 0.00	15.27 0.69 0.00	15.51 0.78 0.00	18.75 0.93 0.00	25.23 1.50 0.00	27.70 1.96 0.00	24.91 1.80 0.00	23.45 1.82 0.00	21.68 1.42 0.00	21.52 1.43 0.00	21.87 1.53 0.00	22.99 1.68 0.00	23.46 1.88 0.00	24.12 2.09 0.00	27.20 2.47 0.00	33.71 2.73 -0.96	34.37 2.61 0.00	33.94 2.46 0.00	29.80 1.90 0.00	25.47 1.71 0.00	22.67 1.48 0.00	20.98 0.96 0.00
JANIS___SOLAR 323808	18.24 1.00 0.00	16.95 0.91 0.00	15.83 0.87 0.00	15.43 0.85 0.00	15.54 0.81 0.00	18.93 1.11 0.00	25.23 1.50 0.00	27.27 1.52 0.00	24.33 1.22 0.00	22.50 0.87 0.00	20.89 0.63 0.00	20.72 0.62 0.00	20.91 0.57 0.00	21.94 0.64 0.00	22.25 0.67 0.00	22.93 0.90 0.00	25.79 1.06 0.00	31.58 1.29 -0.28	33.36 1.59 0.00	33.57 1.83 -0.26	29.49 1.59 0.00	25.14 1.38 0.00	22.27 1.08 0.00	21.12 1.10 0.00
JARVIS____ 23743	17.31 0.07 0.00	16.10 0.06 0.00	15.02 0.06 0.00	14.64 0.06 0.00	14.79 0.06 0.00	17.90 0.07 0.00	23.83 0.10 0.00	25.85 0.10 0.00	23.18 0.07 0.00	21.70 0.07 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.41 0.06 0.00	21.35 0.04 0.00	21.65 0.06 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.14 0.12 0.00	31.90 0.13 0.00	31.58 0.09 0.00	27.98 0.08 0.00	23.83 0.07 0.00	21.21 0.02 0.00	20.06 0.04 0.00

JENNISON____1 23625	18.35 1.10 0.00	17.07 1.03 0.00	15.92 0.96 0.00	15.49 0.90 0.00	15.60 0.87 0.00	19.02 1.19 0.00	25.32 1.59 0.00	27.42 1.67 0.00	24.57 1.46 0.00	22.78 1.15 0.00	21.15 0.89 0.00	20.96 0.86 0.00	21.20 0.85 0.00	22.24 0.94 0.00	22.64 1.06 0.00	23.30 1.28 0.00	26.16 1.43 0.00	32.12 1.74 -0.36	33.71 1.94 0.00	33.82 2.14 -0.19	29.74 1.84 0.00	25.37 1.62 0.00	22.44 1.25 0.00	21.18 1.16 0.00
JENNISON____2 23626	18.35 1.10 0.00	17.07 1.03 0.00	15.92 0.96 0.00	15.49 0.90 0.00	15.60 0.87 0.00	19.02 1.19 0.00	25.32 1.59 0.00	27.42 1.67 0.00	24.57 1.46 0.00	22.78 1.15 0.00	21.15 0.89 0.00	20.96 0.86 0.00	21.20 0.85 0.00	22.24 0.94 0.00	22.64 1.06 0.00	23.30 1.28 0.00	26.16 1.43 0.00	32.12 1.74 -0.36	33.71 1.94 0.00	33.82 2.14 -0.19	29.74 1.84 0.00	25.37 1.62 0.00	22.44 1.25 0.00	21.18 1.16 0.00
JERICHO_RISE_WT_PWR 323719	17.12 -0.12 0.00	15.93 -0.11 0.00	14.93 -0.03 0.00	14.60 0.01 0.00	14.80 0.07 0.00	17.92 0.09 0.00	23.66 -0.07 0.00	25.72 -0.03 0.00	23.11 0.00 0.00	21.72 0.09 0.00	20.41 0.14 0.00	20.18 0.08 0.00	20.33 -0.02 0.00	21.28 -0.02 0.00	21.56 -0.02 0.00	21.92 -0.11 0.00	24.60 -0.12 0.00	30.05 0.03 0.00	31.83 0.06 0.00	31.55 0.06 0.00	28.26 0.36 0.00	24.12 0.36 0.00	21.65 0.47 0.00	20.32 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	18.07 0.83 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.59 0.77 0.00	24.92 1.19 0.00	27.27 1.52 0.00	24.50 1.39 0.00	23.02 1.38 0.00	21.40 1.13 0.00	21.22 1.13 0.00	21.65 1.30 0.00	22.67 1.36 0.00	23.09 1.51 0.00	23.79 1.76 0.00	26.80 2.08 0.00	33.52 2.52 -0.98	34.34 2.57 0.00	33.94 2.46 0.00	29.88 1.98 0.00	25.35 1.59 0.00	22.35 1.17 0.00	20.76 0.74 0.00
KCE_NY_1 323755	18.12 0.88 0.00	16.89 0.85 0.00	15.72 0.76 0.00	15.30 0.71 0.00	15.46 0.74 0.00	18.75 0.93 0.00	25.11 1.38 0.00	27.37 1.62 0.00	24.45 1.34 0.00	22.87 1.23 0.00	21.32 1.05 0.00	21.12 1.02 0.00	21.42 1.08 0.00	22.37 1.06 0.00	22.68 1.10 0.00	23.28 1.25 0.00	26.26 1.53 0.00	33.28 2.01 -1.25	33.96 2.19 0.00	33.66 2.17 0.00	29.97 2.06 0.00	25.33 1.57 0.00	22.35 1.16 0.00	20.94 0.92 0.00
KCE_NY_6_ESR 323823	18.09 0.84 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.34 0.76 0.00	15.42 0.69 0.00	18.49 0.66 0.00	24.16 0.43 0.00	25.80 0.05 0.00	23.60 0.49 0.00	21.96 0.32 0.00	20.65 0.38 0.00	20.54 0.44 0.00	20.71 0.37 0.00	21.81 0.51 0.00	22.12 0.54 0.00	22.62 0.59 0.00	25.07 0.35 0.00	29.89 -0.27 -0.15	31.55 -0.22 0.00	31.54 0.16 0.11	27.87 -0.03 0.00	24.09 0.33 0.00	21.36 0.17 0.00	20.84 0.82 0.00
KEDC_PORT_JEFF_GT2 24210	18.69 1.45 0.00	17.34 1.30 0.00	16.05 1.09 0.00	15.52 0.93 0.00	15.79 1.06 0.00	19.41 1.57 -0.01	25.77 2.04 0.00	28.30 2.55 0.00	25.63 2.52 0.00	24.13 2.49 -0.01	22.32 2.05 -0.01	22.16 2.05 -0.01	22.57 2.22 -0.01	23.68 2.30 -0.08	24.44 2.46 -0.40	28.46 2.75 -3.68	32.25 3.14 -4.38	47.93 3.72 -14.19	45.37 3.81 -9.79	46.98 3.68 -11.81	45.51 3.24 -14.37	28.60 2.64 -2.21	23.36 2.16 -0.01	21.60 1.58 0.00
KEDC_PORT_JEFF_GT3 24211	18.69 1.45 0.00	17.34 1.30 0.00	16.05 1.09 0.00	15.52 0.93 0.00	15.79 1.06 0.00	19.41 1.57 -0.01	25.77 2.04 0.00	28.30 2.55 0.00	25.63 2.52 0.00	24.13 2.49 -0.01	22.32 2.05 -0.01	22.16 2.05 -0.01	22.57 2.22 -0.01	23.68 2.30 -0.08	24.44 2.46 -0.40	28.46 2.75 -3.68	32.25 3.14 -4.38	47.93 3.72 -14.19	45.37 3.81 -9.79	46.98 3.68 -11.81	45.51 3.24 -14.37	28.60 2.64 -2.21	23.36 2.16 -0.01	21.60 1.58 0.00
KEDC_GLWD_GT4 24219	18.29 1.05 0.00	17.00 0.96 0.00	15.78 0.82 0.00	15.31 0.73 0.00	15.52 0.79 0.00	18.91 1.07 -0.01	25.25 1.52 0.00	27.58 1.83 0.00	24.94 1.83 0.00	23.39 1.75 -0.01	21.75 1.48 -0.01	21.57 1.47 -0.01	21.94 1.59 -0.01	23.10 1.72 -0.08	23.84 1.86 -0.40	27.82 2.11 -3.68	31.53 2.42 -4.38	36.21 2.73 -3.46	35.45 2.73 -0.95	36.17 2.58 -2.10	32.26 2.12 -2.24	27.89 1.92 -2.21	22.68 1.48 -0.01	21.12 1.10 0.00
KEDC_GLWD_GT5 24220	18.29 1.05 0.00	17.00 0.96 0.00	15.78 0.82 0.00	15.31 0.73 0.00	15.52 0.79 0.00	18.91 1.07 -0.01	25.25 1.52 0.00	27.58 1.83 0.00	24.94 1.83 0.00	23.39 1.75 -0.01	21.75 1.48 -0.01	21.57 1.47 -0.01	21.94 1.59 -0.01	23.10 1.72 -0.08	23.84 1.86 -0.40	27.82 2.11 -3.68	31.53 2.42 -4.38	36.21 2.73 -3.46	35.45 2.73 -0.95	36.17 2.58 -2.10	32.26 2.12 -2.24	27.89 1.92 -2.21	22.68 1.48 -0.01	21.12 1.10 0.00
KENSICO____ 23655	18.02 0.78 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.59 0.77 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.47 1.36 0.00	23.02 1.38 0.00	21.42 1.15 0.00	21.26 1.17 0.00	21.61 1.26 0.00	22.63 1.32 0.00	23.07 1.49 0.00	23.72 1.70 0.00	26.70 1.98 0.00	33.35 2.37 -0.96	34.09 2.32 0.00	33.69 2.20 0.00	29.74 1.84 0.00	25.28 1.52 0.00	22.33 1.14 0.00	20.76 0.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.09 0.84 0.00	16.76 0.72 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.96 1.23 0.00	27.19 1.44 0.00	24.38 1.27 0.00	22.87 1.23 0.00	21.26 0.99 0.00	21.08 0.98 0.00	21.20 0.85 0.00	22.20 0.89 0.00	22.64 1.06 0.00	23.35 1.32 0.00	26.26 1.53 0.00	32.84 1.92 -0.90	33.83 2.06 0.00	33.44 1.95 0.00	29.80 1.90 0.00	25.28 1.52 0.00	22.33 1.14 0.00	20.84 0.82 0.00
KIAC_JFK_GT1 23816	18.02 0.78 0.00	16.76 0.72 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.44 0.71 0.00	18.67 0.84 0.00	25.08 1.35 0.00	27.58 1.83 0.00	24.80 1.69 0.00	23.34 1.71 0.00	21.58 1.32 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.88 1.58 0.00	23.35 1.77 0.00	24.01 1.98 0.00	27.07 2.35 0.00	33.47 2.49 -0.96	34.09 2.32 0.00	33.66 2.17 0.00	29.58 1.67 0.00	25.35 1.59 0.00	22.57 1.38 0.00	20.88 0.86 0.00
KIAC_JFK_GT2 23817	18.02 0.78 0.00	16.76 0.72 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.44 0.71 0.00	18.67 0.84 0.00	25.08 1.35 0.00	27.58 1.83 0.00	24.80 1.69 0.00	23.34 1.71 0.00	21.58 1.32 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.88 1.58 0.00	23.35 1.77 0.00	24.01 1.98 0.00	27.07 2.35 0.00	33.47 2.49 -0.96	34.09 2.32 0.00	33.66 2.17 0.00	29.58 1.67 0.00	25.35 1.59 0.00	22.57 1.38 0.00	20.88 0.86 0.00
KIAC_JFK____ 323774	18.02 0.78 0.00	16.76 0.72 0.00	15.62 0.66 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.63 0.80 0.00	25.08 1.35 0.00	27.50 1.75 0.00	24.80 1.69 0.00	23.34 1.71 0.00	21.58 1.32 0.00	21.40 1.31 0.00	21.79 1.44 0.00	22.88 1.58 0.00	23.31 1.73 0.00	24.01 1.98 0.00	27.07 2.35 0.00	33.47 2.49 -0.96	34.12 2.35 0.00	33.69 2.20 0.00	29.52 1.62 0.00	25.33 1.57 0.00	22.51 1.31 -0.01	20.88 0.86 0.00

KINTIGH____ 23543	17.64 0.40 0.00	16.30 0.26 0.00	15.20 0.24 0.00	14.89 0.31 0.00	14.82 0.09 0.00	18.01 0.18 0.00	23.59 -0.14 0.00	24.92 -0.82 0.00	22.95 -0.16 0.00	21.40 -0.24 0.00	20.10 -0.16 0.00	19.94 -0.16 0.00	20.16 -0.18 0.00	21.20 -0.11 0.00	21.54 -0.04 0.00	21.94 -0.09 0.00	24.28 -0.45 0.00	29.36 -0.81 -0.15	30.69 -1.08 0.00	30.55 -0.76 0.18	27.15 -0.75 0.00	23.47 -0.29 0.00	20.93 -0.25 0.00	20.34 0.32 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.36 0.12 0.00	16.15 0.11 0.00	15.14 0.18 0.00	14.82 0.23 0.00	15.05 0.32 0.00	18.22 0.39 0.00	23.97 0.24 0.00	26.06 0.31 0.00	23.41 0.30 0.00	22.02 0.39 0.00	20.69 0.43 0.00	20.42 0.32 0.00	20.53 0.18 0.00	21.50 0.19 0.00	21.71 0.13 0.00	22.09 0.07 0.00	24.87 0.15 0.00	30.41 0.39 0.00	32.79 1.02 0.00	32.53 1.04 0.00	28.74 0.84 0.00	24.54 0.78 0.00	22.02 0.83 0.00	20.62 0.60 0.00
LACHUTE__HYDRO 323717	18.95 1.71 0.00	17.66 1.62 0.00	16.44 1.48 0.00	15.98 1.40 0.00	16.14 1.41 0.00	19.70 1.87 0.00	26.58 2.85 0.00	29.07 3.32 0.00	25.84 2.73 0.00	24.06 2.42 0.00	22.37 2.11 0.00	22.15 2.05 0.00	22.32 1.97 0.00	23.29 1.98 0.00	23.52 1.94 0.00	24.08 2.05 0.00	27.27 2.55 0.00	34.66 3.39 -1.25	35.45 3.68 0.00	35.23 3.75 0.00	31.86 3.96 0.00	26.75 2.99 0.00	23.48 2.29 0.00	21.96 1.94 0.00
LAWRNCV_115KV_TB1 80681	16.88 -0.36 0.00	15.72 -0.32 0.00	14.69 -0.27 0.00	14.33 -0.25 0.00	14.54 -0.19 0.00	17.52 -0.30 0.00	23.19 -0.55 0.00	25.03 -0.72 0.00	22.39 -0.72 0.00	20.92 -0.71 0.00	19.59 -0.67 0.00	19.37 -0.72 0.00	19.53 -0.81 0.00	20.45 -0.85 0.00	20.63 -0.95 0.00	21.06 -0.97 0.00	23.71 -1.01 0.00	28.97 -1.05 0.00	30.82 -0.95 0.00	30.57 -0.91 0.00	27.18 -0.73 0.00	23.40 -0.36 0.00	21.08 -0.11 0.00	19.84 -0.18 0.00
LEDERLE____ 23769	18.05 0.81 0.00	16.76 0.72 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.89 1.16 0.00	27.24 1.49 0.00	24.45 1.34 0.00	22.97 1.34 0.00	21.40 1.13 0.00	21.22 1.13 0.00	21.57 1.22 0.00	22.58 1.28 0.00	23.03 1.45 0.00	23.70 1.67 0.00	26.65 1.93 0.00	33.30 2.37 -0.91	34.12 2.35 0.00	33.72 2.24 0.00	29.80 1.90 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.80 0.78 0.00
LIGHTHSE_115KV_TB6 355974	17.50 0.26 0.00	16.26 0.22 0.00	15.17 0.21 0.00	14.79 0.20 0.00	14.88 0.15 0.00	18.11 0.29 0.00	24.13 0.40 0.00	26.03 0.28 0.00	23.48 0.37 0.00	21.83 0.19 0.00	20.38 0.12 0.00	20.24 0.14 0.00	20.45 0.10 0.00	21.43 0.13 0.00	21.77 0.19 0.00	22.18 0.15 0.00	24.85 0.12 0.00	30.16 0.06 -0.09	31.93 0.16 0.00	31.92 0.31 -0.12	28.18 0.28 0.00	24.07 0.31 0.00	21.40 0.21 0.00	20.36 0.34 0.00
LINDEN COGEN____ 23786	17.95 0.71 0.00	16.74 0.70 0.00	15.58 0.61 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.47 1.36 0.00	23.06 1.43 0.00	21.44 1.17 0.00	21.26 1.17 0.00	21.63 1.28 0.00	22.67 1.36 0.00	23.07 1.49 0.00	23.77 1.74 0.00	26.77 2.05 0.00	33.29 2.31 -0.96	31.10 2.19 2.86	31.11 2.02 2.40	29.55 1.65 0.00	25.18 1.43 0.00	22.23 1.04 0.00	20.70 0.68 0.00
LINDHRST_69_KV_BK1 356055	18.62 1.38 0.00	17.29 1.25 0.00	16.01 1.05 0.00	15.50 0.92 0.00	15.79 1.06 0.00	19.33 1.50 0.00	25.70 1.97 0.00	28.19 2.45 0.00	25.49 2.38 0.00	23.99 2.36 0.00	22.25 1.99 0.00	22.09 1.99 0.00	22.44 2.10 0.00	23.55 2.17 -0.08	24.36 2.37 -0.40	28.33 2.62 -3.68	32.08 2.97 -4.38	37.98 3.63 -4.34	37.12 3.69 -1.67	37.91 3.53 -2.89	34.14 3.01 -3.23	28.48 2.52 -2.21	23.29 2.10 0.00	21.52 1.50 0.00
LIPA_MISC_IPP 23656	18.71 1.47 0.00	17.36 1.32 0.00	16.06 1.09 0.00	15.54 0.96 0.00	15.83 1.10 0.00	19.45 1.62 0.00	25.80 2.06 0.00	28.37 2.63 0.00	25.65 2.54 0.00	24.12 2.49 0.00	22.33 2.07 0.00	22.15 2.05 0.00	22.52 2.18 0.00	23.68 2.30 -0.08	24.49 2.50 -0.40	28.46 2.75 -3.68	32.22 3.12 -4.38	46.29 3.81 -12.47	44.01 3.88 -8.37	45.48 3.75 -10.25	43.53 3.21 -12.42	28.70 2.73 -2.21	23.44 2.25 0.00	21.60 1.58 0.00
LISF__SOLAR 323691	18.74 1.50 0.00	17.39 1.35 0.00	16.09 1.12 0.00	15.54 0.96 0.00	15.82 1.09 0.00	19.46 1.62 -0.01	25.82 2.09 0.00	28.35 2.60 0.00	25.65 2.54 0.00	24.15 2.51 -0.01	22.32 2.05 -0.01	22.16 2.05 -0.01	22.57 2.22 -0.01	23.70 2.32 -0.08	24.47 2.48 -0.40	28.46 2.75 -3.68	32.25 3.14 -4.38	46.49 3.87 -12.60	44.25 4.00 -8.48	45.70 3.84 -10.37	43.76 3.29 -12.57	28.65 2.68 -2.21	23.40 2.20 -0.01	21.64 1.62 0.00
LITTLE FALLS__HYD 24013	17.60 0.36 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.87 0.29 0.00	15.02 0.29 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.13 0.39 0.00	23.43 0.32 0.00	21.94 0.30 0.00	20.53 0.26 0.00	20.36 0.26 0.00	20.61 0.26 0.00	21.58 0.28 0.00	21.86 0.28 0.00	22.33 0.31 0.00	25.00 0.27 0.00	30.38 0.36 0.00	32.15 0.38 0.00	31.87 0.38 0.00	28.24 0.33 0.00	24.09 0.33 0.00	21.46 0.28 0.00	20.38 0.36 0.00
LITTLRIV_115KV_TB1 356100	17.00 -0.24 0.00	15.83 -0.21 0.00	14.81 -0.15 0.00	14.44 -0.15 0.00	14.64 -0.09 0.00	17.68 -0.14 0.00	23.40 -0.33 0.00	25.28 -0.46 0.00	22.58 -0.53 0.00	21.07 -0.56 0.00	19.72 -0.55 0.00	19.47 -0.62 0.00	19.63 -0.71 0.00	20.56 -0.75 0.00	20.74 -0.84 0.00	21.19 -0.84 0.00	23.86 -0.87 0.00	29.21 -0.81 0.00	31.07 -0.70 0.00	30.86 -0.63 0.00	27.43 -0.47 0.00	23.59 -0.17 0.00	21.23 0.04 0.00	19.98 -0.04 0.00
LI_NEWBRDGE__DRP 323616	18.29 1.05 0.00	16.98 0.95 0.00	15.75 0.79 0.00	15.27 0.69 0.00	15.54 0.81 0.00	18.97 1.14 0.00	25.25 1.52 0.00	27.65 1.91 0.00	24.98 1.87 0.00	23.52 1.88 0.00	21.82 1.56 0.00	21.64 1.55 0.00	21.99 1.65 0.00	23.06 1.68 -0.07	23.84 1.86 -0.40	27.80 2.09 -3.68	31.48 2.37 -4.38	36.23 2.88 -3.33	35.47 2.86 -0.84	36.18 2.71 -1.98	32.28 2.29 -2.09	27.89 1.92 -2.20	22.78 1.59 0.00	21.14 1.12 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.79 0.55 0.00	16.52 0.48 0.00	15.31 0.34 0.00	15.09 0.51 0.00	15.01 0.28 0.00	18.22 0.39 0.00	23.66 -0.07 0.00	24.90 -0.85 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.18 -0.08 0.00	20.04 -0.06 0.00	20.24 -0.10 0.00	21.30 0.00 0.00	21.64 0.06 0.00	22.07 0.04 0.00	24.38 -0.35 0.00	29.28 -0.87 -0.14	30.72 -1.05 0.00	30.66 -0.69 0.14	27.18 -0.73 0.00	23.54 -0.21 0.00	20.98 -0.21 0.00	20.50 0.48 0.00
LOCKPORT__CC1 323769	17.79 0.55 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.18 0.60 0.00	15.27 0.55 0.00	18.29 0.46 0.00	23.71 -0.02 0.00	25.21 -0.54 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.20 -0.06 0.00	20.06 -0.04 0.00	20.22 -0.12 0.00	21.30 0.00 0.00	21.60 0.02 0.00	22.07 0.04 0.00	24.40 -0.32 0.00	29.28 -0.87 -0.14	30.82 -0.95 0.00	30.79 -0.57 0.14	27.26 -0.64 0.00	23.59 -0.17 0.00	20.98 -0.21 0.00	20.52 0.50 0.00

LOCKPORT___CC2 323770	17.79 0.55 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.18 0.60 0.00	15.27 0.55 0.00	18.29 0.46 0.00	23.71 -0.02 0.00	25.21 -0.54 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.20 -0.06 0.00	20.06 -0.04 0.00	20.22 -0.12 0.00	21.30 0.00 0.00	21.60 0.02 0.00	22.07 0.04 0.00	24.40 -0.32 0.00	29.28 -0.87 -0.14	30.82 -0.95 0.00	30.79 -0.57 0.14	27.26 -0.64 0.00	23.59 -0.17 0.00	20.98 -0.21 0.00	20.52 0.50 0.00
LOCKPORT___CC3 323771	17.79 0.55 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.18 0.60 0.00	15.27 0.55 0.00	18.29 0.46 0.00	23.71 -0.02 0.00	25.21 -0.54 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.20 -0.06 0.00	20.06 -0.04 0.00	20.22 -0.12 0.00	21.30 0.00 0.00	21.60 0.02 0.00	22.07 0.04 0.00	24.40 -0.32 0.00	29.28 -0.87 -0.14	30.82 -0.95 0.00	30.79 -0.57 0.14	27.26 -0.64 0.00	23.59 -0.17 0.00	20.98 -0.21 0.00	20.52 0.50 0.00
LONG_LAKE_PHOENIX 24014	17.59 0.34 0.00	16.34 0.30 0.00	15.23 0.27 0.00	14.86 0.28 0.00	14.94 0.21 0.00	18.17 0.34 0.00	24.23 0.50 0.00	26.03 0.28 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.47 0.20 0.00	20.36 0.26 0.00	20.57 0.22 0.00	21.56 0.26 0.00	21.90 0.32 0.00	22.27 0.24 0.00	24.92 0.20 0.00	30.21 0.09 -0.10	31.93 0.16 0.00	31.93 0.28 -0.16	28.12 0.22 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.48 0.46 0.00
LOVETT___3 23632	17.97 0.72 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.36 1.25 0.00	22.89 1.25 0.00	21.32 1.05 0.00	21.14 1.05 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.59 1.56 0.00	26.55 1.83 0.00	33.16 2.22 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.25 1.06 0.00	20.70 0.68 0.00
LOVETT___4 23642	17.97 0.72 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.36 1.25 0.00	22.89 1.25 0.00	21.32 1.05 0.00	21.14 1.05 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.59 1.56 0.00	26.55 1.83 0.00	33.16 2.22 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.25 1.06 0.00	20.70 0.68 0.00
LOVETT___5 23593	17.97 0.72 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.36 1.25 0.00	22.89 1.25 0.00	21.32 1.05 0.00	21.14 1.05 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.59 1.56 0.00	26.55 1.83 0.00	33.16 2.22 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.25 1.06 0.00	20.70 0.68 0.00
LOWER_RAQUET___HYD 24057	16.86 -0.38 0.00	15.69 -0.35 0.00	14.68 -0.28 0.00	14.32 -0.26 0.00	14.51 -0.22 0.00	17.49 -0.34 0.00	23.11 -0.62 0.00	24.95 -0.80 0.00	22.30 -0.81 0.00	20.81 -0.82 0.00	19.49 -0.77 0.00	19.27 -0.82 0.00	19.43 -0.92 0.00	20.32 -0.98 0.00	20.61 -0.97 0.00	20.99 -1.03 0.00	23.59 -1.14 0.00	28.81 -1.20 0.00	30.56 -1.21 0.00	30.32 -1.16 0.00	27.09 -0.81 0.00	23.35 -0.40 0.00	21.06 -0.13 0.00	19.82 -0.20 0.00
LOWER___HUDSON 24059	17.85 0.60 0.00	16.65 0.61 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.45 0.62 0.00	24.63 0.90 0.00	26.83 1.08 0.00	23.99 0.88 0.00	22.46 0.82 0.00	20.95 0.69 0.00	20.76 0.66 0.00	21.06 0.71 0.00	21.99 0.68 0.00	22.31 0.73 0.00	22.97 0.95 0.00	25.89 1.16 0.00	32.78 1.53 -1.23	33.45 1.68 0.00	33.09 1.60 0.00	29.38 1.48 0.00	24.83 1.07 0.00	21.93 0.74 0.00	20.56 0.54 0.00
LOWVILLE_115KV_TB2 356335	17.47 0.22 0.00	16.26 0.22 0.00	15.17 0.21 0.00	14.77 0.19 0.00	14.91 0.18 0.00	18.13 0.30 0.00	24.13 0.40 0.00	26.13 0.39 0.00	23.36 0.25 0.00	21.74 0.11 0.00	20.26 0.00 0.00	20.06 -0.04 0.00	20.24 -0.10 0.00	21.22 -0.09 0.00	21.52 -0.06 0.00	22.03 0.00 0.00	24.75 0.02 0.00	30.21 0.15 -0.04	32.05 0.29 0.00	31.93 0.44 0.00	28.29 0.39 0.00	24.16 0.40 0.00	21.51 0.32 0.00	20.30 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.10 0.86 0.00	16.87 0.83 0.00	15.72 0.76 0.00	15.30 0.71 0.00	15.48 0.75 0.00	18.75 0.93 0.00	25.11 1.38 0.00	27.40 1.65 0.00	24.43 1.32 0.00	22.85 1.21 0.00	21.30 1.03 0.00	21.12 1.02 0.00	21.40 1.06 0.00	22.35 1.04 0.00	22.70 1.12 0.00	23.28 1.26 0.00	26.23 1.51 0.00	33.25 1.98 -1.25	33.93 2.16 0.00	33.60 2.11 0.00	29.97 2.06 0.00	25.30 1.54 0.00	22.38 1.19 0.00	20.92 0.90 0.00
LUTHERNY_35_KV_BK2 355980	18.12 0.88 0.00	16.89 0.85 0.00	15.72 0.76 0.00	15.31 0.73 0.00	15.48 0.75 0.00	18.77 0.94 0.00	25.11 1.38 0.00	27.42 1.67 0.00	24.45 1.34 0.00	22.87 1.23 0.00	21.32 1.05 0.00	21.12 1.02 0.00	21.42 1.08 0.00	22.37 1.07 0.00	22.70 1.12 0.00	23.28 1.26 0.00	26.26 1.53 0.00	33.28 2.01 -1.25	33.96 2.19 0.00	33.63 2.14 0.00	29.99 2.09 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.94 0.92 0.00
LWR___OSWEGATCHIE_HYD 23850	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.49 -0.09 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.56 -0.17 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.62 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	20.95 -0.63 0.00	21.43 -0.59 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.26 -0.51 0.00	31.11 -0.38 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
LYONS_FALL_HYD 23570	17.54 0.29 0.00	16.33 0.29 0.00	15.23 0.27 0.00	14.83 0.25 0.00	14.98 0.25 0.00	18.20 0.37 0.00	24.23 0.50 0.00	26.21 0.46 0.00	23.46 0.35 0.00	21.85 0.22 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.39 0.04 0.00	21.37 0.06 0.00	21.65 0.06 0.00	22.18 0.16 0.00	24.90 0.17 0.00	30.36 0.30 -0.04	32.15 0.38 0.00	31.99 0.50 0.00	28.35 0.45 0.00	24.19 0.43 0.00	21.53 0.34 0.00	20.34 0.32 0.00
MADISON___COUNTY_LFGE 323628	17.76 0.52 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.01 0.42 0.00	15.13 0.40 0.00	18.40 0.57 0.00	24.49 0.76 0.00	26.44 0.70 0.00	23.73 0.62 0.00	22.11 0.48 0.00	20.63 0.36 0.00	20.44 0.34 0.00	20.67 0.33 0.00	21.67 0.36 0.00	22.01 0.43 0.00	22.49 0.46 0.00	25.19 0.47 0.00	30.62 0.54 -0.07	32.37 0.60 0.00	32.21 0.72 0.00	28.51 0.61 0.00	24.33 0.57 0.00	21.63 0.44 0.00	20.54 0.52 0.00
MALONE___115KV_TB1 356076	17.22 -0.02 0.00	16.02 -0.02 0.00	15.02 0.06 0.00	14.68 0.10 0.00	14.92 0.19 0.00	18.04 0.21 0.00	23.85 0.12 0.00	25.85 0.10 0.00	23.20 0.09 0.00	21.81 0.17 0.00	20.44 0.18 0.00	20.20 0.10 0.00	20.31 -0.04 0.00	21.26 -0.04 0.00	21.47 -0.11 0.00	21.87 -0.15 0.00	24.62 -0.10 0.00	30.11 0.09 0.00	32.25 0.48 0.00	31.99 0.50 0.00	28.29 0.39 0.00	24.23 0.48 0.00	21.76 0.57 0.00	20.42 0.40 0.00

MAPLEWOD_115KV_TB3 80458	17.72 0.48 0.00	16.58 0.55 0.00	15.47 0.51 0.00	15.05 0.47 0.00	15.23 0.50 0.00	18.34 0.52 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.80 0.69 0.00	22.30 0.67 0.00	20.79 0.53 0.00	20.64 0.54 0.00	20.90 0.55 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.84 0.81 0.00	25.76 1.04 0.00	32.59 1.35 -1.22	33.23 1.46 0.00	32.84 1.35 0.00	29.18 1.28 0.00	24.66 0.90 0.00	21.82 0.64 0.00	20.38 0.36 0.00
MAPLE_RIDGE_WT_1 323574	17.26 0.02 0.00	16.05 0.02 0.00	14.99 0.03 0.00	14.61 0.03 0.00	14.76 0.03 0.00	17.88 0.05 0.00	23.80 0.07 0.00	25.82 0.08 0.00	23.18 0.07 0.00	21.70 0.07 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.39 0.04 0.00	21.35 0.04 0.00	21.62 0.04 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.11 0.09 0.00	31.86 0.10 0.00	31.55 0.06 0.00	27.96 0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.02 0.00 0.00
MAPLE_RIDGE_WT_2 323611	17.26 0.02 0.00	16.05 0.02 0.00	14.99 0.03 0.00	14.61 0.03 0.00	14.76 0.03 0.00	17.88 0.05 0.00	23.80 0.07 0.00	25.82 0.08 0.00	23.18 0.07 0.00	21.70 0.07 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.39 0.04 0.00	21.35 0.04 0.00	21.62 0.04 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.11 0.09 0.00	31.86 0.10 0.00	31.55 0.06 0.00	27.96 0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.02 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	17.16 -0.09 0.00	15.98 -0.06 0.00	14.96 0.00 0.00	14.63 0.04 0.00	14.83 0.10 0.00	17.97 0.14 0.00	23.68 -0.05 0.00	25.75 0.00 0.00	23.16 0.05 0.00	21.76 0.13 0.00	20.44 0.18 0.00	20.22 0.12 0.00	20.35 0.00 0.00	21.33 0.02 0.00	21.60 0.02 0.00	21.96 -0.07 0.00	24.65 -0.07 0.00	30.11 0.09 0.00	31.90 0.13 0.00	31.61 0.13 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.72 0.53 0.00	20.38 0.36 0.00
MARSHVLE_115KV_TB1 80742	18.14 0.90 0.00	16.94 0.90 0.00	15.78 0.82 0.00	15.36 0.77 0.00	15.54 0.81 0.00	18.91 1.09 0.00	25.49 1.76 0.00	27.96 2.21 0.00	24.84 1.73 0.00	23.17 1.54 0.00	21.52 1.26 0.00	21.30 1.21 0.00	21.59 1.24 0.00	22.56 1.26 0.00	22.92 1.34 0.00	23.61 1.59 0.00	26.55 1.83 0.00	33.77 2.49 -1.26	34.47 2.70 0.00	34.20 2.71 0.00	30.50 2.59 0.00	25.85 2.09 0.00	22.71 1.53 0.00	21.04 1.02 0.00
MARSH_HILL_WT_PWR 323713	18.26 1.02 0.00	16.87 0.83 0.00	15.75 0.79 0.00	15.47 0.89 0.00	15.55 0.82 0.00	18.79 0.96 0.00	24.77 1.04 0.00	26.57 0.82 0.00	24.06 0.95 0.00	22.37 0.74 0.00	20.93 0.67 0.00	20.84 0.74 0.00	21.04 0.69 0.00	22.13 0.83 0.00	22.44 0.86 0.00	22.99 0.97 0.00	25.64 0.92 0.00	30.81 0.60 -0.20	32.56 0.79 0.00	32.56 1.07 0.00	28.79 0.89 0.00	24.71 0.95 0.00	21.89 0.70 0.00	21.08 1.06 0.00
MCINTYRE_115KV_TB2 80467	17.07 -0.17 0.00	15.89 -0.14 0.00	14.87 -0.09 0.00	14.49 -0.09 0.00	14.70 -0.03 0.00	17.77 -0.05 0.00	23.56 -0.17 0.00	25.52 -0.23 0.00	22.76 -0.35 0.00	21.27 -0.37 0.00	19.92 -0.34 0.00	19.66 -0.44 0.00	19.82 -0.53 0.00	20.75 -0.55 0.00	20.93 -0.65 0.00	21.41 -0.62 0.00	24.11 -0.62 0.00	29.51 -0.51 0.00	31.39 -0.38 0.00	31.20 -0.28 0.00	27.71 -0.20 0.00	23.76 0.00 0.00	21.32 0.13 0.00	20.06 0.04 0.00
MECO____69_KV_BK1 80468	18.47 1.22 0.00	17.24 1.20 0.00	16.07 1.11 0.00	15.62 1.04 0.00	15.82 1.09 0.00	19.29 1.46 0.00	26.13 2.40 0.00	28.25 2.50 0.00	25.05 1.94 0.00	23.34 1.71 0.00	21.64 1.38 0.00	21.40 1.31 0.00	21.71 1.36 0.00	22.73 1.43 0.00	23.09 1.51 0.00	23.81 1.78 0.00	26.92 2.20 0.00	34.22 2.94 -1.26	34.95 3.18 0.00	34.70 3.21 0.00	31.00 3.10 0.00	26.13 2.38 0.00	22.93 1.74 0.00	21.46 1.44 0.00
MENANDS_115KV_TB5 355628	17.64 0.40 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.26 0.43 0.00	24.28 0.55 0.00	26.52 0.77 0.00	23.66 0.55 0.00	22.17 0.54 0.00	20.69 0.43 0.00	20.54 0.44 0.00	20.79 0.45 0.00	21.73 0.43 0.00	22.10 0.52 0.00	22.73 0.70 0.00	25.61 0.89 0.00	32.41 1.17 -1.22	33.04 1.27 0.00	32.65 1.17 0.00	28.99 1.09 0.00	24.52 0.76 0.00	21.68 0.49 0.00	20.26 0.24 0.00
MG INDUSTRY___DRP 24185	17.74 0.50 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.36 0.53 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.80 0.69 0.00	22.26 0.63 0.00	20.79 0.53 0.00	20.62 0.52 0.00	20.90 0.55 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.84 0.81 0.00	25.74 1.01 0.00	32.54 1.32 -1.20	33.17 1.40 0.00	32.84 1.35 0.00	29.16 1.26 0.00	24.68 0.93 0.00	21.85 0.66 0.00	20.44 0.42 0.00
MID___OSWEGATCHIE_HYD 23849	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.49 -0.09 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.56 -0.17 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.62 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	20.95 -0.63 0.00	21.43 -0.59 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.26 -0.51 0.00	31.11 -0.38 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
MID___RAQUETTE_HYD 23851	16.86 -0.38 0.00	15.69 -0.35 0.00	14.68 -0.28 0.00	14.32 -0.26 0.00	14.52 -0.21 0.00	17.49 -0.34 0.00	23.11 -0.62 0.00	24.95 -0.80 0.00	22.30 -0.81 0.00	20.81 -0.82 0.00	19.49 -0.77 0.00	19.27 -0.82 0.00	19.43 -0.92 0.00	20.32 -0.98 0.00	20.50 -1.08 0.00	20.95 -1.08 0.00	23.59 -1.14 0.00	28.82 -1.20 0.00	30.66 -1.11 0.00	30.45 -1.04 0.00	27.09 -0.81 0.00	23.35 -0.40 0.00	21.06 -0.13 0.00	19.82 -0.20 0.00
MILLIKEN___1 23584	17.79 0.55 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.11 0.38 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.39 0.64 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.24 0.52 0.00	30.73 0.51 -0.21	32.37 0.60 0.00	32.59 0.76 -0.34	28.51 0.61 0.00	24.38 0.62 0.00	21.65 0.47 0.00	20.60 0.58 0.00
MILLIKEN___2 23585	17.79 0.55 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.11 0.38 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.39 0.64 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.24 0.52 0.00	30.73 0.51 -0.21	32.37 0.60 0.00	32.59 0.76 -0.34	28.51 0.61 0.00	24.38 0.62 0.00	21.65 0.47 0.00	20.60 0.58 0.00
MILLIKEN___DIESEL 23629	17.79 0.55 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.11 0.38 0.00	18.38 0.55 0.00	24.47 0.74 0.00	26.39 0.64 0.00	23.73 0.62 0.00	22.09 0.45 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.08 0.50 0.00	22.53 0.51 0.00	25.24 0.52 0.00	30.73 0.51 -0.21	32.37 0.60 0.00	32.59 0.76 -0.34	28.51 0.61 0.00	24.38 0.62 0.00	21.65 0.47 0.00	20.60 0.58 0.00

MILLSEAT___LFGE 323607	18.00 0.76 0.00	16.70 0.66 0.00	15.58 0.61 0.00	15.34 0.76 0.00	15.41 0.68 0.00	18.52 0.69 0.00	24.06 0.33 0.00	25.64 -0.10 0.00	23.43 0.32 0.00	21.81 0.17 0.00	20.47 0.20 0.00	20.30 0.20 0.00	20.49 0.14 0.00	21.60 0.30 0.00	21.88 0.30 0.00	22.36 0.33 0.00	24.77 0.05 0.00	29.85 -0.30 -0.14	31.42 -0.35 0.00	31.41 0.06 0.14	27.79 -0.11 0.00	24.02 0.26 0.00	21.34 0.15 0.00	20.78 0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.00 0.76 0.00	16.74 0.71 0.00	15.59 0.63 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.58 0.75 0.00	24.85 1.12 0.00	27.19 1.44 0.00	24.43 1.32 0.00	22.97 1.34 0.00	21.38 1.11 0.00	21.20 1.11 0.00	21.55 1.20 0.00	22.56 1.26 0.00	23.00 1.42 0.00	23.66 1.63 0.00	26.63 1.90 0.00	33.28 2.31 -0.95	34.06 2.29 0.00	33.63 2.14 0.00	29.71 1.81 0.00	25.23 1.47 0.00	22.29 1.10 0.00	20.74 0.72 0.00
MILLWOOD_13_KV_LOAD 356217	18.04 0.79 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.18 0.60 0.00	15.39 0.66 0.00	18.59 0.77 0.00	24.87 1.14 0.00	27.24 1.49 0.00	24.45 1.34 0.00	23.00 1.36 0.00	21.40 1.13 0.00	21.22 1.13 0.00	21.59 1.24 0.00	22.63 1.32 0.00	23.05 1.47 0.00	23.72 1.70 0.00	26.70 1.98 0.00	33.37 2.40 -0.95	34.15 2.38 0.00	33.75 2.27 0.00	29.77 1.87 0.00	25.28 1.52 0.00	22.33 1.14 0.00	20.76 0.74 0.00
MODEL_CITY_ENERGY 24167	17.62 0.38 0.00	16.39 0.35 0.00	15.28 0.31 0.00	15.06 0.48 0.00	15.17 0.44 0.00	18.15 0.32 0.00	23.45 -0.28 0.00	24.92 -0.82 0.00	22.76 -0.35 0.00	21.22 -0.41 0.00	19.96 -0.30 0.00	19.84 -0.26 0.00	20.00 -0.35 0.00	21.07 -0.23 0.00	21.34 -0.24 0.00	21.83 -0.20 0.00	24.11 -0.62 0.00	28.95 -1.20 -0.14	30.44 -1.33 0.00	30.41 -0.94 0.14	26.92 -0.98 0.00	23.31 -0.45 0.00	20.74 -0.45 0.00	20.30 0.28 0.00
MODERN_LFGE___ 323580	17.62 0.38 0.00	16.39 0.35 0.00	15.28 0.31 0.00	15.06 0.48 0.00	15.17 0.44 0.00	18.15 0.32 0.00	23.45 -0.28 0.00	24.92 -0.82 0.00	22.76 -0.35 0.00	21.22 -0.41 0.00	19.96 -0.30 0.00	19.84 -0.26 0.00	20.00 -0.35 0.00	21.07 -0.23 0.00	21.34 -0.24 0.00	21.83 -0.20 0.00	24.11 -0.62 0.00	28.95 -1.20 -0.14	30.44 -1.33 0.00	30.41 -0.94 0.14	26.92 -0.98 0.00	23.31 -0.45 0.00	20.74 -0.45 0.00	20.30 0.28 0.00
MOHAWK_PAPER___DRP 24187	17.72 0.48 0.00	16.58 0.55 0.00	15.47 0.51 0.00	15.05 0.47 0.00	15.23 0.50 0.00	18.34 0.52 0.00	24.44 0.71 0.00	26.67 0.93 0.00	23.80 0.69 0.00	22.30 0.67 0.00	20.79 0.53 0.00	20.64 0.54 0.00	20.90 0.55 0.00	21.84 0.63 0.00	22.21 0.63 0.00	22.84 0.81 0.00	25.76 1.04 0.00	32.59 1.35 -1.22	33.23 1.46 0.00	32.84 1.35 0.00	29.18 1.28 0.00	24.66 0.90 0.00	21.82 0.64 0.00	20.38 0.36 0.00
MOHICAN__35_KV_115KV_LD 80490	18.31 1.07 0.00	17.05 1.01 0.00	15.87 0.91 0.00	15.44 0.86 0.00	15.63 0.90 0.00	18.97 1.14 0.00	25.46 1.73 0.00	27.83 2.09 0.00	24.77 1.66 0.00	23.15 1.51 0.00	21.56 1.30 0.00	21.36 1.27 0.00	21.65 1.30 0.00	22.58 1.28 0.00	22.90 1.32 0.00	23.35 1.32 0.00	26.36 1.63 0.00	33.46 2.19 -1.25	34.18 2.41 0.00	33.88 2.39 0.00	30.38 2.48 0.00	25.61 1.85 0.00	22.59 1.40 0.00	21.16 1.14 0.00
MONGAUP___HYD 23641	17.98 0.74 0.00	16.68 0.64 0.00	15.54 0.58 0.00	15.11 0.52 0.00	15.29 0.56 0.00	18.49 0.66 0.00	24.77 1.04 0.00	26.88 1.13 0.00	24.17 1.06 0.00	22.67 1.04 0.00	21.11 0.85 0.00	20.94 0.84 0.00	21.26 0.92 0.00	22.26 0.96 0.00	22.64 1.06 0.00	23.30 1.28 0.00	26.23 1.51 0.00	32.40 1.53 -0.85	33.39 1.62 0.00	33.00 1.51 0.00	29.46 1.56 0.00	25.06 1.31 0.00	22.12 0.93 0.00	20.70 0.68 0.00
MONTAUK___DIESEL 23721	19.31 2.07 0.00	17.92 1.88 0.00	16.58 1.62 0.00	16.03 1.44 0.00	16.32 1.59 0.00	20.11 2.28 0.00	26.65 2.92 0.00	29.48 3.73 0.00	26.69 3.58 0.00	25.14 3.50 0.00	23.26 3.00 0.00	23.05 2.95 0.00	23.46 3.11 0.00	24.70 3.32 -0.08	25.52 3.54 -0.40	29.56 3.85 -3.68	33.39 4.28 -4.38	47.85 5.31 -12.52	45.65 5.46 -8.41	47.11 5.32 -10.30	44.93 4.55 -12.48	29.84 3.87 -2.21	24.35 3.16 0.00	22.36 2.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.57 1.33 0.00	17.11 1.07 0.00	15.95 0.99 0.00	15.62 1.04 0.00	15.57 0.84 0.00	18.90 1.07 0.00	24.80 1.07 0.00	26.37 0.62 0.00	24.40 1.29 0.00	22.67 1.04 0.00	21.32 1.05 0.00	21.20 1.11 0.00	21.42 1.08 0.00	22.54 1.24 0.00	22.90 1.32 0.00	23.39 1.37 0.00	25.96 1.24 0.00	30.92 0.75 -0.16	32.56 0.79 0.00	32.62 1.13 0.00	28.68 0.78 0.00	24.76 1.00 0.00	21.95 0.76 0.00	21.30 1.28 0.00
MORTIMER_115KV_TB3 55949	17.71 0.47 0.00	16.39 0.35 0.00	15.29 0.33 0.00	14.96 0.38 0.00	14.91 0.18 0.00	18.13 0.30 0.00	23.92 0.19 0.00	25.49 -0.26 0.00	23.32 0.21 0.00	21.74 0.11 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.45 0.10 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.91 -0.24 -0.13	31.39 -0.38 0.00	31.22 -0.09 0.17	27.71 -0.20 0.00	23.85 0.10 0.00	21.25 0.06 0.00	20.48 0.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.75 1.45 0.00	23.20 1.62 0.00	23.88 1.85 0.00	26.87 2.15 0.00	33.50 2.52 -0.96	34.18 2.41 0.00	33.75 2.27 0.00	29.83 1.93 0.00	25.35 1.59 0.00	22.40 1.21 0.00	20.82 0.80 0.00
MUNSVILLE_WIND_PWR 323609	18.81 1.57 0.00	17.51 1.47 0.00	16.35 1.39 0.00	15.90 1.31 0.00	16.03 1.30 0.00	19.58 1.75 0.00	26.08 2.35 0.00	28.24 2.50 0.00	25.14 2.03 0.00	23.21 1.58 0.00	21.48 1.22 0.00	21.26 1.17 0.00	21.46 1.12 0.00	22.56 1.26 0.00	22.90 1.32 0.00	23.75 1.72 0.00	26.65 1.93 0.00	32.77 2.43 -0.32	34.57 2.80 0.00	34.83 3.12 -0.22	30.58 2.68 0.00	26.04 2.28 0.00	22.97 1.78 0.00	21.72 1.70 0.00
N SALMON___HYD 24042	17.22 -0.02 0.00	16.02 -0.02 0.00	15.02 0.06 0.00	14.69 0.10 0.00	14.91 0.18 0.00	18.04 0.21 0.00	23.85 0.12 0.00	25.82 0.08 0.00	23.20 0.09 0.00	21.81 0.17 0.00	20.44 0.18 0.00	20.20 0.10 0.00	20.31 -0.04 0.00	21.26 -0.04 0.00	21.56 -0.02 0.00	21.92 -0.11 0.00	24.63 -0.10 0.00	30.11 0.09 0.00	31.93 0.16 0.00	31.65 0.16 0.00	28.29 0.39 0.00	24.23 0.47 0.00	21.76 0.57 0.00	20.42 0.40 0.00
N.AKRON__115KV_KNAPP 355671	18.00 0.76 0.00	16.70 0.66 0.00	15.50 0.54 0.00	15.27 0.69 0.00	15.17 0.44 0.00	18.43 0.61 0.00	24.04 0.31 0.00	25.34 -0.41 0.00	23.41 0.30 0.00	21.81 0.17 0.00	20.47 0.20 0.00	20.28 0.18 0.00	20.51 0.16 0.00	21.58 0.28 0.00	21.95 0.37 0.00	22.36 0.33 0.00	24.77 0.05 0.00	29.82 -0.33 -0.14	31.32 -0.44 0.00	31.28 -0.06 0.14	27.68 -0.22 0.00	23.97 0.21 0.00	21.34 0.15 0.00	20.78 0.76 0.00

N.BELMOR_69_KV_BK1 55787	18.43 1.19 0.00	17.11 1.07 0.00	15.86 0.90 0.00	15.37 0.79 0.00	15.64 0.91 0.00	19.09 1.27 0.00	25.42 1.68 0.00	27.83 2.09 0.00	25.17 2.06 0.00	23.69 2.06 0.00	21.99 1.72 0.00	21.83 1.73 0.00	22.18 1.83 0.00	23.28 1.90 -0.08	24.03 2.05 -0.40	28.00 2.29 -3.68	31.70 2.60 -4.38	36.63 3.15 -3.46	35.86 3.15 -0.95	36.61 3.02 -2.10	32.70 2.57 -2.24	28.10 2.14 -2.21	22.97 1.78 0.00	21.28 1.26 0.00
N.E_GEN_SANDY PD 24062	17.81 0.57 0.00	16.60 0.56 0.00	15.47 0.51 0.00	15.03 0.45 0.00	15.20 0.47 0.00	18.40 0.57 0.00	24.56 0.83 0.00	26.75 1.00 0.00	23.99 0.88 0.00	22.50 0.87 0.00	20.95 0.69 0.00	20.78 0.68 0.00	21.10 0.75 0.00	22.03 0.72 0.00	22.40 0.82 0.00	23.11 1.08 0.00	26.01 1.28 0.00	32.77 1.65 -1.11	33.55 1.78 0.00	33.12 1.64 0.00	29.32 1.42 0.00	24.80 1.04 0.00	21.93 0.74 0.00	20.50 0.48 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.00 0.76 0.00	16.73 0.69 0.00	15.58 0.61 0.00	15.17 0.58 0.00	15.38 0.65 0.00	18.56 0.73 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.38 1.27 0.00	22.91 1.28 0.00	21.34 1.07 0.00	21.16 1.07 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.96 1.38 0.00	23.63 1.61 0.00	26.58 1.85 0.00	33.18 2.25 -0.92	34.02 2.26 0.00	33.60 2.11 0.00	29.69 1.79 0.00	25.21 1.45 0.00	22.27 1.08 0.00	20.72 0.70 0.00
N.QUEENS_27_KV_LOAD 356247	18.22 0.97 -0.01	16.96 0.91 -0.01	15.82 0.85 -0.01	15.41 0.82 -0.01	15.62 0.88 -0.01	18.74 0.91 0.00	24.92 1.19 0.00	27.42 1.67 0.00	24.70 1.59 0.01	23.27 1.64 0.01	21.63 1.38 0.01	21.46 1.37 0.01	21.80 1.46 0.01	22.84 1.53 0.00	23.29 1.70 -0.01	23.93 1.92 0.01	26.93 2.20 -0.01	33.55 2.58 -0.95	34.24 2.48 0.01	33.79 2.30 0.00	29.83 1.93 0.00	25.37 1.62 0.00	22.44 1.25 0.00	20.93 0.90 -0.01
N.TROY___115KV_TB1 355778	17.85 0.60 0.00	16.63 0.59 0.00	15.50 0.54 0.00	15.09 0.51 0.00	15.27 0.54 0.00	18.47 0.64 0.00	24.63 0.90 0.00	26.88 1.13 0.00	23.99 0.88 0.00	22.46 0.82 0.00	20.95 0.69 0.00	20.78 0.68 0.00	21.06 0.71 0.00	21.99 0.68 0.00	22.36 0.78 0.00	22.97 0.95 0.00	25.89 1.16 0.00	32.78 1.53 -1.23	33.45 1.68 0.00	33.06 1.57 0.00	29.38 1.48 0.00	24.83 1.07 0.00	21.97 0.78 0.00	20.56 0.54 0.00
NARROWS_GT1_1 24228	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_2 24229	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_3 24230	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_4 24231	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_5 24232	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_6 24233	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_7 24234	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT1_8 24235	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_1 24236	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_2 24237	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01

NARROWS_GT2_3 24238	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_4 24239	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_5 24240	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_6 24241	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_7 24242	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NARROWS_GT2_8 24243	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.93 0.69 0.00	16.79 0.75 0.00	15.69 0.73 0.00	15.27 0.69 0.00	15.44 0.71 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.06 1.31 0.00	24.03 0.92 0.00	22.39 0.76 0.00	20.87 0.61 0.00	20.70 0.60 0.00	20.96 0.61 0.00	21.88 0.58 0.00	22.25 0.67 0.00	22.95 0.93 0.00	25.96 1.24 0.00	32.76 1.59 -1.15	33.87 2.10 0.00	33.47 1.98 0.00	29.77 1.87 0.00	25.09 1.33 0.00	22.12 0.93 0.00	20.62 0.60 0.00
NCHELSEA_115KV_TR2 355582	18.09 0.84 0.00	16.79 0.75 0.00	15.65 0.69 0.00	15.22 0.64 0.00	15.44 0.71 0.00	18.63 0.80 0.00	24.96 1.23 0.00	27.27 1.52 0.00	24.45 1.34 0.00	22.95 1.32 0.00	21.36 1.09 0.00	21.18 1.09 0.00	21.51 1.16 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.63 1.61 0.00	26.60 1.88 0.00	33.33 2.34 -0.97	34.22 2.45 0.00	33.82 2.33 0.00	29.88 1.98 0.00	25.35 1.59 0.00	22.38 1.19 0.00	20.82 0.80 0.00
NEG CAPITAL___MECHNVIL 23645	18.09 0.84 0.00	16.86 0.82 0.00	15.69 0.73 0.00	15.27 0.69 0.00	15.44 0.71 0.00	18.72 0.89 0.00	25.06 1.33 0.00	27.29 1.54 0.00	24.38 1.27 0.00	22.82 1.19 0.00	21.26 0.99 0.00	21.08 0.98 0.00	21.36 1.02 0.00	22.33 1.02 0.00	22.64 1.06 0.00	23.26 1.23 0.00	26.23 1.51 0.00	33.27 2.01 -1.24	33.96 2.19 0.00	33.63 2.14 0.00	29.94 2.04 0.00	25.28 1.52 0.00	22.31 1.12 0.00	20.88 0.86 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.31 0.07 0.00	16.02 -0.02 0.00	14.96 0.00 0.00	14.67 0.09 0.00	14.71 -0.01 0.00	17.85 0.02 0.00	23.54 -0.19 0.00	25.28 -0.46 0.00	22.86 -0.25 0.00	21.31 -0.32 0.00	19.94 -0.32 0.00	19.80 -0.30 0.00	20.02 -0.33 0.00	21.03 -0.28 0.00	21.30 -0.28 0.00	21.70 -0.33 0.00	24.20 -0.52 0.00	29.40 -0.75 -0.13	30.91 -0.86 0.00	30.89 -0.60 0.00	27.31 -0.59 0.00	23.43 -0.33 0.00	20.83 -0.36 0.00	20.04 0.02 0.00
NEG CENTRAL___DRP 24199	17.60 0.36 0.00	16.31 0.27 0.00	15.23 0.27 0.00	14.87 0.29 0.00	14.91 0.18 0.00	18.15 0.32 0.00	24.11 0.38 0.00	25.93 0.18 0.00	23.41 0.30 0.00	21.81 0.17 0.00	20.38 0.12 0.00	20.26 0.16 0.00	20.49 0.14 0.00	21.50 0.19 0.00	21.84 0.26 0.00	22.22 0.20 0.00	24.87 0.15 0.00	30.13 -0.03 -0.14	31.71 -0.06 0.00	31.87 0.09 -0.28	28.01 0.11 0.00	23.97 0.21 0.00	21.32 0.13 0.00	20.36 0.34 0.00
NEG CENTRAL___INDECK 23768	18.38 1.14 0.00	16.97 0.93 0.00	15.86 0.90 0.00	15.59 1.01 0.00	15.60 0.87 0.00	18.93 1.11 0.00	24.94 1.21 0.00	26.80 1.06 0.00	24.26 1.15 0.00	22.50 0.87 0.00	21.03 0.77 0.00	20.88 0.78 0.00	21.08 0.73 0.00	22.16 0.85 0.00	22.44 0.86 0.00	22.97 0.95 0.00	25.64 0.92 0.00	31.12 0.93 -0.17	32.91 1.14 0.00	33.00 1.51 0.00	29.13 1.23 0.00	25.04 1.28 0.00	22.18 1.00 0.00	21.28 1.26 0.00
NEG CENTRAL___SENECA 23627	17.78 0.53 0.00	16.46 0.42 0.00	15.35 0.39 0.00	15.01 0.42 0.00	15.02 0.29 0.00	18.31 0.48 0.00	24.30 0.57 0.00	26.03 0.28 0.00	23.55 0.44 0.00	21.91 0.28 0.00	20.51 0.24 0.00	20.38 0.28 0.00	20.61 0.26 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.40 0.37 0.00	25.05 0.32 0.00	30.29 0.12 -0.15	31.83 0.06 0.00	31.77 0.28 0.00	28.18 0.28 0.00	24.16 0.40 0.00	21.46 0.28 0.00	20.56 0.54 0.00
NEG CENTRAL___STATE_STREET 24147	17.57 0.33 0.00	16.31 0.27 0.00	15.22 0.25 0.00	14.83 0.25 0.00	14.91 0.18 0.00	18.15 0.32 0.00	24.13 0.40 0.00	26.21 0.46 0.00	23.59 0.49 0.00	21.98 0.35 0.00	20.51 0.24 0.00	20.40 0.30 0.00	20.63 0.28 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.36 0.33 0.00	25.02 0.30 0.00	30.40 0.24 -0.14	32.05 0.29 0.00	32.39 0.44 -0.46	28.26 0.36 0.00	24.16 0.40 0.00	21.51 0.32 0.00	20.34 0.32 0.00
NEG MILLWOOD___DRP 24198	18.12 0.88 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.44 0.71 0.00	18.63 0.80 0.00	24.99 1.26 0.00	27.32 1.57 0.00	24.52 1.41 0.00	23.02 1.38 0.00	21.38 1.11 0.00	21.22 1.13 0.00	21.63 1.28 0.00	22.65 1.34 0.00	23.07 1.49 0.00	23.79 1.76 0.00	26.80 2.08 0.00	33.58 2.58 -0.98	34.44 2.67 0.00	34.07 2.58 0.00	29.99 2.09 0.00	25.40 1.64 0.00	22.40 1.21 0.00	20.82 0.80 0.00

NEG NORTH_FLCN_SEA 23793	17.35 0.10 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.80 0.22 0.00	15.02 0.29 0.00	18.18 0.36 0.00	23.83 0.09 0.00	25.93 0.18 0.00	23.29 0.18 0.00	21.91 0.28 0.00	20.59 0.32 0.00	20.34 0.24 0.00	20.45 0.10 0.00	21.43 0.13 0.00	21.62 0.04 0.00	22.03 0.00 0.00	24.77 0.05 0.00	30.26 0.24 0.00	32.75 0.98 0.00	32.46 0.98 0.00	28.68 0.78 0.00	24.49 0.74 0.00	21.99 0.81 0.00	20.60 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	17.17 -0.07 0.00	15.97 -0.06 0.00	14.98 0.01 0.00	14.64 0.06 0.00	14.86 0.13 0.00	17.97 0.14 0.00	23.75 0.02 0.00	25.80 0.05 0.00	23.18 0.07 0.00	21.81 0.17 0.00	20.49 0.22 0.00	20.24 0.14 0.00	20.37 0.02 0.00	21.35 0.04 0.00	21.52 -0.06 0.00	21.94 -0.09 0.00	24.67 -0.05 0.00	30.14 0.12 0.00	32.37 0.60 0.00	32.09 0.60 0.00	28.35 0.45 0.00	24.21 0.45 0.00	21.74 0.55 0.00	20.38 0.36 0.00
NEG NORTH___ALICE_FALLS 23915	17.36 0.12 0.00	16.15 0.11 0.00	15.14 0.18 0.00	14.82 0.23 0.00	15.05 0.32 0.00	18.22 0.39 0.00	23.97 0.24 0.00	26.06 0.31 0.00	23.41 0.30 0.00	22.02 0.39 0.00	20.69 0.43 0.00	20.42 0.32 0.00	20.53 0.18 0.00	21.50 0.19 0.00	21.71 0.13 0.00	22.09 0.07 0.00	24.87 0.15 0.00	30.41 0.39 0.00	32.79 1.02 0.00	32.53 1.04 0.00	28.74 0.84 0.00	24.54 0.78 0.00	22.02 0.83 0.00	20.62 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	17.36 0.12 0.00	16.15 0.11 0.00	15.14 0.18 0.00	14.82 0.23 0.00	15.05 0.32 0.00	18.22 0.39 0.00	23.97 0.24 0.00	26.06 0.31 0.00	23.41 0.30 0.00	22.02 0.39 0.00	20.69 0.43 0.00	20.42 0.32 0.00	20.53 0.18 0.00	21.50 0.19 0.00	21.71 0.13 0.00	22.09 0.07 0.00	24.87 0.15 0.00	30.41 0.39 0.00	32.79 1.02 0.00	32.53 1.04 0.00	28.74 0.84 0.00	24.54 0.78 0.00	22.02 0.83 0.00	20.62 0.60 0.00
NEG NORTH___PLATTSBURG 23628	17.36 0.12 0.00	16.15 0.11 0.00	15.14 0.18 0.00	14.81 0.23 0.00	15.04 0.31 0.00	18.22 0.39 0.00	23.97 0.24 0.00	26.03 0.28 0.00	23.41 0.30 0.00	22.02 0.39 0.00	20.69 0.43 0.00	20.42 0.32 0.00	20.53 0.18 0.00	21.50 0.19 0.00	21.80 0.22 0.00	22.16 0.13 0.00	24.87 0.15 0.00	30.41 0.39 0.00	32.25 0.48 0.00	31.99 0.50 0.00	28.74 0.84 0.00	24.54 0.78 0.00	21.99 0.80 0.00	20.62 0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	17.79 0.55 0.00	16.52 0.48 0.00	15.32 0.36 0.00	15.09 0.51 0.00	14.99 0.27 0.00	18.22 0.39 0.00	23.68 -0.05 0.00	24.90 -0.85 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.18 -0.08 0.00	20.04 -0.06 0.00	20.24 -0.10 0.00	21.30 0.00 0.00	21.67 0.09 0.00	22.09 0.07 0.00	24.40 -0.32 0.00	29.28 -0.87 -0.14	30.72 -1.05 0.00	30.66 -0.69 0.14	27.18 -0.73 0.00	23.57 -0.19 0.00	21.00 -0.19 0.00	20.52 0.50 0.00
NEG WEST___LANCASTR 23811	18.04 0.79 0.00	16.63 0.59 0.00	15.50 0.54 0.00	15.19 0.61 0.00	15.14 0.41 0.00	18.40 0.57 0.00	24.11 0.38 0.00	25.52 -0.23 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.57 0.30 0.00	20.44 0.34 0.00	20.69 0.35 0.00	21.77 0.47 0.00	22.12 0.54 0.00	22.60 0.57 0.00	25.09 0.37 0.00	29.63 -0.54 -0.16	31.55 -0.22 0.00	31.58 0.09 0.00	27.85 -0.06 0.00	24.07 0.31 0.00	21.36 0.17 0.00	20.76 0.74 0.00
NEG_PENN_ALLEGHNY 23528	17.74 0.50 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.01 0.42 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.35 0.62 0.00	26.34 0.59 0.00	23.69 0.58 0.00	22.09 0.46 0.00	20.65 0.38 0.00	20.52 0.42 0.00	20.75 0.41 0.00	21.77 0.47 0.00	22.08 0.50 0.00	22.62 0.59 0.00	25.34 0.62 0.00	30.90 0.57 -0.32	32.44 0.67 0.00	32.49 0.79 -0.22	28.54 0.64 0.00	24.35 0.59 0.00	21.61 0.42 0.00	20.52 0.50 0.00
NEG___GEN_MONROE 24207	17.81 0.57 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.08 0.50 0.00	15.01 0.28 0.00	18.26 0.43 0.00	23.99 0.26 0.00	25.46 -0.28 0.00	23.36 0.25 0.00	21.74 0.11 0.00	20.38 0.12 0.00	20.20 0.10 0.00	20.47 0.12 0.00	21.50 0.19 0.00	21.84 0.26 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.88 -0.27 -0.14	31.32 -0.44 0.00	31.16 -0.16 0.17	27.68 -0.22 0.00	23.88 0.12 0.00	21.34 0.15 0.00	20.60 0.58 0.00
NEPA___ENERGY 23901	18.19 0.95 0.00	16.76 0.72 0.00	15.63 0.67 0.00	15.33 0.74 0.00	15.27 0.54 0.00	18.54 0.71 0.00	24.30 0.57 0.00	25.88 0.13 0.00	23.83 0.72 0.00	22.17 0.54 0.00	20.83 0.57 0.00	20.72 0.62 0.00	20.98 0.63 0.00	22.05 0.75 0.00	22.42 0.84 0.00	22.91 0.88 0.00	25.42 0.69 0.00	30.33 0.15 -0.16	31.93 0.16 0.00	31.96 0.47 0.00	28.21 0.31 0.00	24.38 0.62 0.00	21.63 0.44 0.00	20.90 0.88 0.00
NEVERSINK___HYD 23608	17.91 0.67 0.00	16.60 0.56 0.00	15.47 0.51 0.00	15.02 0.44 0.00	15.21 0.49 0.00	18.41 0.59 0.00	24.70 0.97 0.00	26.88 1.13 0.00	24.13 1.02 0.00	22.63 1.00 0.00	21.03 0.77 0.00	20.88 0.78 0.00	20.63 0.28 0.00	21.58 0.28 0.00	21.97 0.39 0.00	22.67 0.64 0.00	25.49 0.77 0.00	31.88 1.02 -0.84	32.85 1.08 0.00	32.49 1.01 0.00	29.41 1.51 0.00	24.99 1.23 0.00	22.06 0.87 0.00	20.64 0.62 0.00
NEWKRMKL_115KV_TB1 55635	17.57 0.33 0.00	16.49 0.45 0.00	15.40 0.43 0.00	14.98 0.39 0.00	15.14 0.41 0.00	18.17 0.34 0.00	24.18 0.45 0.00	26.42 0.67 0.00	23.55 0.44 0.00	22.07 0.43 0.00	20.59 0.32 0.00	20.44 0.34 0.00	20.69 0.35 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.62 0.59 0.00	25.49 0.77 0.00	32.26 1.02 -1.22	32.88 1.11 0.00	32.49 1.01 0.00	28.85 0.95 0.00	24.40 0.64 0.00	21.59 0.40 0.00	20.18 0.16 0.00
NEWTON___FALLS_HYD 23847	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.49 -0.09 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.56 -0.17 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.62 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	20.95 -0.63 0.00	21.43 -0.59 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.26 -0.51 0.00	31.11 -0.38 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
NGRID_A1_DSASP 323792	17.59 0.34 0.00	16.15 0.11 0.00	15.05 0.09 0.00	14.85 0.26 0.00	14.92 0.19 0.00	17.86 0.04 0.00	23.26 -0.47 0.00	24.67 -1.08 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.67 -0.42 0.00	19.82 -0.53 0.00	20.88 -0.43 0.00	21.15 -0.43 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.12 -1.65 0.00	30.06 -1.29 0.14	26.65 -1.26 0.00	23.09 -0.67 0.00	20.55 -0.64 0.00	20.14 0.12 0.00
NGRID_A2_DSASP 323793	17.59 0.34 0.00	16.15 0.11 0.00	15.05 0.09 0.00	14.85 0.26 0.00	14.92 0.19 0.00	17.86 0.04 0.00	23.26 -0.47 0.00	24.67 -1.08 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.67 -0.42 0.00	19.82 -0.53 0.00	20.88 -0.43 0.00	21.15 -0.43 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.12 -1.65 0.00	30.06 -1.29 0.14	26.65 -1.26 0.00	23.09 -0.67 0.00	20.55 -0.64 0.00	20.14 0.12 0.00

NGRID_A4_DSASP 323807	17.59 0.34 0.00	16.15 0.11 0.00	15.19 0.22 0.00	14.76 0.17 0.00	14.67 -0.06 0.00	17.81 -0.02 0.00	23.23 -0.50 0.00	24.36 -1.39 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.66 -0.44 0.00	19.84 -0.51 0.00	20.88 -0.43 0.00	21.21 -0.37 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.02 -1.75 0.00	29.96 -1.39 0.14	26.59 -1.31 0.00	23.07 -0.69 0.00	20.57 -0.61 0.00	20.14 0.12 0.00
NIAGARA_115E_LBMP 323715	17.54 0.29 0.00	16.34 0.30 0.00	15.22 0.25 0.00	15.02 0.44 0.00	15.13 0.40 0.00	18.08 0.25 0.00	23.33 -0.40 0.00	24.77 -0.98 0.00	22.65 -0.46 0.00	21.11 -0.52 0.00	19.86 -0.41 0.00	19.74 -0.36 0.00	19.90 -0.45 0.00	20.94 -0.36 0.00	21.23 -0.35 0.00	21.70 -0.33 0.00	23.96 -0.77 0.00	28.77 -1.38 -0.14	30.24 -1.52 0.00	30.19 -1.16 0.13	26.76 -1.15 0.00	23.19 -0.57 0.00	20.62 -0.57 0.00	20.20 0.18 0.00
NIAGARA_115W_LBMP 323714	17.55 0.31 0.00	16.10 0.06 0.00	15.01 0.05 0.00	14.80 0.22 0.00	14.88 0.15 0.00	17.83 0.00 0.00	23.21 -0.52 0.00	24.59 -1.16 0.00	22.49 -0.62 0.00	20.96 -0.67 0.00	19.74 -0.53 0.00	19.61 -0.48 0.00	19.76 -0.59 0.00	20.82 -0.49 0.00	21.08 -0.50 0.00	21.56 -0.46 0.00	23.78 -0.94 0.00	28.59 -1.56 -0.13	30.02 -1.75 0.00	29.96 -1.38 0.14	26.56 -1.34 0.00	23.02 -0.74 0.00	20.49 -0.70 0.00	20.08 0.06 0.00
NIAGARA_230_LBMP 323716	17.66 0.41 0.00	16.33 0.29 0.00	15.20 0.24 0.00	14.99 0.41 0.00	15.07 0.34 0.00	18.06 0.23 0.00	23.52 -0.21 0.00	24.95 -0.80 0.00	22.79 -0.32 0.00	21.24 -0.39 0.00	19.98 -0.28 0.00	19.86 -0.24 0.00	20.04 -0.30 0.00	21.09 -0.21 0.00	21.36 -0.22 0.00	21.83 -0.20 0.00	24.11 -0.62 0.00	28.98 -1.17 -0.13	30.44 -1.33 0.00	30.40 -0.94 0.14	26.95 -0.95 0.00	23.33 -0.43 0.00	20.77 -0.42 0.00	20.34 0.32 0.00
NIAGARA__115KV_198_GIBSON 55903	17.55 0.31 0.00	16.12 0.08 0.00	15.16 0.19 0.00	14.71 0.13 0.00	14.63 -0.10 0.00	17.76 -0.07 0.00	23.16 -0.57 0.00	24.28 -1.47 0.00	22.49 -0.62 0.00	20.96 -0.67 0.00	19.72 -0.55 0.00	19.59 -0.50 0.00	19.80 -0.55 0.00	20.81 -0.49 0.00	21.15 -0.43 0.00	21.56 -0.46 0.00	23.78 -0.94 0.00	28.59 -1.56 -0.13	29.93 -1.84 0.00	29.87 -1.48 0.14	26.51 -1.40 0.00	23.00 -0.76 0.00	20.51 -0.68 0.00	20.08 0.06 0.00
NIAGARA____ 23760	17.66 0.41 0.00	16.33 0.29 0.00	15.20 0.24 0.00	14.99 0.41 0.00	15.07 0.34 0.00	18.06 0.23 0.00	23.52 -0.21 0.00	24.95 -0.80 0.00	22.79 -0.32 0.00	21.24 -0.39 0.00	19.98 -0.28 0.00	19.86 -0.24 0.00	20.04 -0.30 0.00	21.09 -0.21 0.00	21.36 -0.22 0.00	21.83 -0.20 0.00	24.11 -0.62 0.00	28.98 -1.17 -0.13	30.44 -1.33 0.00	30.40 -0.94 0.14	26.95 -0.95 0.00	23.33 -0.43 0.00	20.77 -0.42 0.00	20.34 0.32 0.00
NINE_MILE_1 23575	16.97 -0.28 0.00	15.75 -0.29 0.00	14.69 -0.27 0.00	14.35 -0.23 0.00	14.46 -0.26 0.00	17.52 -0.30 0.00	23.28 -0.45 0.00	25.13 -0.62 0.00	22.58 -0.53 0.00	21.09 -0.54 0.00	19.76 -0.51 0.00	19.60 -0.50 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.37 -0.66 0.00	23.91 -0.82 0.00	29.04 -1.05 -0.08	30.66 -1.11 0.00	26.40 -1.04 4.05	26.98 -0.92 0.00	23.02 -0.74 0.00	20.57 -0.62 0.00	19.66 -0.36 0.00
NINE_MILE_2 23744	16.97 -0.28 0.00	15.75 -0.29 0.00	14.69 -0.27 0.00	14.35 -0.23 0.00	14.46 -0.26 0.00	17.52 -0.30 0.00	23.28 -0.45 0.00	25.13 -0.62 0.00	22.58 -0.53 0.00	21.09 -0.54 0.00	19.76 -0.51 0.00	19.61 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.37 -0.66 0.00	23.91 -0.82 0.00	29.04 -1.05 -0.08	30.66 -1.11 0.00	26.34 -1.04 4.11	26.98 -0.92 0.00	23.02 -0.74 0.00	20.57 -0.62 0.00	19.66 -0.36 0.00
NM_CAPITAL____DRP 24208	17.60 0.36 0.00	16.49 0.45 0.00	15.40 0.43 0.00	14.99 0.41 0.00	15.16 0.43 0.00	18.20 0.37 0.00	24.23 0.50 0.00	26.47 0.72 0.00	23.62 0.51 0.00	22.11 0.48 0.00	20.63 0.36 0.00	20.48 0.38 0.00	20.75 0.41 0.00	21.67 0.36 0.00	22.03 0.45 0.00	22.67 0.64 0.00	25.56 0.84 0.00	32.35 1.11 -1.22	32.94 1.18 0.00	32.56 1.07 0.00	28.93 1.03 0.00	24.45 0.69 0.00	21.63 0.44 0.00	20.22 0.20 0.00
NM_CENTRAL____DRP 24181	17.31 0.07 0.00	16.07 0.03 0.00	14.99 0.03 0.00	14.63 0.04 0.00	14.70 -0.03 0.00	17.86 0.04 0.00	23.78 0.05 0.00	25.62 -0.13 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.50 -0.22 0.00	29.67 -0.45 -0.10	31.32 -0.44 0.00	31.31 -0.35 -0.17	27.62 -0.28 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00
NM_FRONTIER____DRP 24179	17.55 0.31 0.00	16.12 0.08 0.00	15.16 0.19 0.00	14.71 0.13 0.00	14.63 -0.10 0.00	17.76 -0.07 0.00	23.16 -0.57 0.00	24.28 -1.47 0.00	22.49 -0.62 0.00	20.96 -0.67 0.00	19.72 -0.55 0.00	19.59 -0.50 0.00	19.80 -0.55 0.00	20.81 -0.49 0.00	21.15 -0.43 0.00	21.56 -0.46 0.00	23.78 -0.94 0.00	28.59 -1.56 -0.13	29.93 -1.84 0.00	29.87 -1.48 0.14	26.51 -1.40 0.00	23.00 -0.76 0.00	20.51 -0.68 0.00	20.08 0.06 0.00
NM_ST_REGIS____HYD 24053	16.93 -0.31 0.00	15.77 -0.27 0.00	14.75 -0.21 0.00	14.41 -0.17 0.00	14.61 -0.12 0.00	17.61 -0.21 0.00	23.28 -0.45 0.00	25.16 -0.59 0.00	22.51 -0.60 0.00	21.05 -0.58 0.00	19.74 -0.53 0.00	19.49 -0.60 0.00	19.63 -0.71 0.00	20.56 -0.75 0.00	20.74 -0.84 0.00	21.17 -0.86 0.00	23.83 -0.89 0.00	29.15 -0.87 0.00	31.04 -0.73 0.00	30.83 -0.66 0.00	27.40 -0.50 0.00	23.57 -0.19 0.00	21.23 0.04 0.00	19.96 -0.06 0.00
NORTHPORT____1 23551	18.36 1.12 0.00	17.05 1.01 0.00	15.78 0.82 0.00	15.25 0.67 0.00	15.52 0.79 0.00	19.07 1.23 -0.01	25.35 1.61 0.00	27.70 1.96 0.00	25.10 1.99 0.00	23.63 1.99 -0.01	21.85 1.58 -0.01	21.71 1.61 -0.01	22.10 1.75 -0.01	23.17 1.79 -0.08	23.93 1.94 -0.40	27.93 2.22 -3.68	31.60 2.50 -4.38	36.70 2.97 -3.71	35.94 3.02 -1.16	36.62 2.80 -2.33	32.88 2.46 -2.52	28.06 2.09 -2.21	22.89 1.70 -0.01	21.20 1.18 0.00
NORTHPORT____2 23552	18.36 1.12 0.00	17.05 1.01 0.00	15.78 0.82 0.00	15.25 0.67 0.00	15.52 0.79 0.00	19.07 1.23 -0.01	25.35 1.61 0.00	27.70 1.96 0.00	25.10 1.99 0.00	23.63 1.99 -0.01	21.85 1.58 -0.01	21.71 1.61 -0.01	22.10 1.75 -0.01	23.17 1.79 -0.08	23.93 1.94 -0.40	27.93 2.22 -3.68	31.60 2.50 -4.38	36.70 2.97 -3.71	35.94 3.02 -1.16	36.62 2.80 -2.33	32.88 2.46 -2.52	28.06 2.09 -2.21	22.89 1.70 -0.01	21.20 1.18 0.00
NORTHPORT____3 23553	18.60 1.35 -0.01	17.27 1.22 -0.01	16.00 1.03 -0.01	15.49 0.90 0.00	15.73 1.00 0.00	19.24 1.39 -0.02	25.64 1.90 -0.01	28.02 2.27 -0.01	25.38 2.27 -0.01	23.90 2.25 -0.02	22.16 1.88 -0.02	22.00 1.89 -0.02	22.36 2.00 -0.02	23.41 2.02 -0.08	24.17 2.18 -0.41	28.14 2.42 -3.69	31.86 2.74 -4.39	37.04 3.30 -3.72	36.27 3.33 -1.16	37.00 3.18 -2.34	33.14 2.71 -2.53	28.23 2.26 -2.21	23.07 1.87 -0.02	21.45 1.42 -0.01

NORTHPORT___4 23650	18.60 1.35 -0.01	17.27 1.22 -0.01	16.00 1.03 -0.01	15.49 0.90 0.00	15.73 1.00 0.00	19.24 1.39 -0.02	25.64 1.90 -0.01	28.02 2.27 -0.01	25.38 2.27 -0.01	23.90 2.25 -0.02	22.16 1.88 -0.02	22.00 1.89 -0.02	22.36 2.00 -0.02	23.41 2.02 -0.08	24.17 2.18 -0.41	28.14 2.42 -3.69	31.86 2.74 -4.39	37.04 3.30 -3.72	36.27 3.33 -1.16	37.00 3.18 -2.34	33.14 2.71 -2.53	28.23 2.26 -2.21	23.07 1.87 -0.02	21.45 1.42 -0.01
NORTHPORT___IC 23718	18.36 1.12 0.00	17.05 1.01 0.00	15.78 0.82 0.00	15.25 0.67 0.00	15.52 0.79 0.00	19.07 1.23 -0.01	25.35 1.61 0.00	27.70 1.96 0.00	25.10 1.99 0.00	23.63 1.99 -0.01	21.85 1.58 -0.01	21.71 1.61 -0.01	22.10 1.75 -0.01	23.17 1.79 -0.08	23.93 1.94 -0.40	27.93 2.22 -3.68	31.60 2.50 -4.38	36.70 2.97 -3.71	35.94 3.02 -1.16	36.62 2.80 -2.33	32.88 2.46 -2.52	28.06 2.09 -2.21	22.89 1.70 -0.01	21.20 1.18 0.00
NORTH___COUNTRY_ESR 323785	17.12 -0.12 0.00	15.93 -0.11 0.00	14.93 -0.03 0.00	14.60 0.01 0.00	14.80 0.07 0.00	17.92 0.09 0.00	23.66 -0.07 0.00	25.72 -0.03 0.00	23.11 0.00 0.00	21.72 0.09 0.00	20.41 0.14 0.00	20.18 0.08 0.00	20.33 -0.02 0.00	21.28 -0.02 0.00	21.56 -0.02 0.00	21.92 -0.11 0.00	24.60 -0.12 0.00	30.05 0.03 0.00	31.83 0.06 0.00	31.55 0.06 0.00	28.26 0.36 0.00	24.12 0.36 0.00	21.65 0.47 0.00	20.32 0.30 0.00
NPX_GEN_1385_PROXY 323591	18.16 0.91 0.00	16.86 0.82 0.00	15.61 0.64 0.00	15.09 0.51 0.00	15.44 0.71 0.00	18.96 1.12 -0.01	25.13 1.40 0.00	26.93 1.19 0.00	24.40 1.29 0.00	22.94 1.30 -0.01	21.00 0.73 -0.01	20.95 0.84 -0.01	21.37 1.02 -0.01	22.30 0.92 -0.08	23.04 1.06 -0.40	26.92 1.32 -3.57	29.56 1.53 -3.30	35.86 2.13 -3.71	35.18 2.26 -1.16	35.61 1.79 -2.33	31.90 1.48 -2.52	27.27 1.31 -2.21	22.28 1.08 -0.01	20.90 0.88 0.00
NPX_GEN_CSC 323557	18.78 1.53 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.57 0.99 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.48 2.73 0.00	25.79 2.68 0.00	24.28 2.64 -0.01	22.44 2.17 -0.01	22.28 2.17 -0.01	22.69 2.34 -0.01	23.83 2.45 -0.08	24.59 2.61 -0.40	28.62 2.91 -3.68	32.40 3.29 -4.38	46.54 4.02 -12.50	44.29 4.13 -8.40	45.77 4.00 -10.28	43.79 3.43 -12.46	28.77 2.80 -2.21	23.49 2.29 -0.01	21.70 1.68 0.00
NSINS_S_GLNS_FALLS 23858	18.33 1.09 0.00	17.08 1.04 0.00	15.90 0.94 0.00	15.47 0.89 0.00	15.66 0.93 0.00	19.00 1.18 0.00	25.51 1.78 0.00	27.88 2.14 0.00	24.82 1.71 0.00	23.19 1.56 0.00	21.58 1.32 0.00	21.38 1.29 0.00	21.67 1.32 0.00	22.63 1.32 0.00	22.92 1.34 0.00	23.37 1.34 0.00	26.38 1.66 0.00	33.49 2.22 -1.25	34.18 2.41 0.00	33.91 2.42 0.00	30.44 2.54 0.00	25.64 1.88 0.00	22.61 1.42 0.00	21.20 1.18 0.00
NUCOR_STEEL___DRP 24197	17.60 0.36 0.00	16.34 0.30 0.00	15.25 0.28 0.00	14.86 0.28 0.00	14.94 0.21 0.00	18.17 0.34 0.00	24.16 0.43 0.00	26.06 0.31 0.00	23.46 0.35 0.00	21.85 0.22 0.00	20.40 0.14 0.00	20.28 0.18 0.00	20.51 0.16 0.00	21.52 0.21 0.00	21.86 0.28 0.00	22.22 0.20 0.00	24.87 0.15 0.00	30.21 0.06 -0.14	31.86 0.10 0.00	32.25 0.25 -0.51	28.07 0.17 0.00	24.00 0.24 0.00	21.36 0.17 0.00	20.36 0.34 0.00
NUMBER_THREE_WT_PWR 323818	17.45 0.21 0.00	16.25 0.21 0.00	15.16 0.19 0.00	14.76 0.18 0.00	14.91 0.18 0.00	18.11 0.28 0.00	24.11 0.38 0.00	26.11 0.36 0.00	23.34 0.23 0.00	21.72 0.09 0.00	20.24 -0.02 0.00	20.04 -0.06 0.00	20.22 -0.12 0.00	21.20 -0.11 0.00	21.47 -0.11 0.00	22.03 0.00 0.00	24.72 0.00 0.00	30.18 0.12 -0.04	31.99 0.22 0.00	31.87 0.38 0.00	28.26 0.36 0.00	24.14 0.38 0.00	21.51 0.32 0.00	20.28 0.26 0.00
NYISO_LBMP_REFERENCE 24008	17.24 0.00 0.00	16.04 0.00 0.00	14.96 0.00 0.00	14.58 0.00 0.00	14.73 0.00 0.00	17.83 0.00 0.00	23.73 0.00 0.00	25.75 0.00 0.00	23.11 0.00 0.00	21.63 0.00 0.00	20.26 0.00 0.00	20.10 0.00 0.00	20.35 0.00 0.00	21.30 0.00 0.00	21.58 0.00 0.00	22.03 0.00 0.00	24.72 0.00 0.00	30.02 0.00 0.00	31.77 0.00 0.00	31.49 0.00 0.00	27.90 0.00 0.00	23.76 0.00 0.00	21.19 0.00 0.00	20.02 0.00 0.00
NYPA_BRENTWD___GT 24164	18.64 1.40 0.00	17.29 1.25 0.00	16.01 1.05 0.00	15.47 0.89 0.00	15.73 1.00 0.00	19.33 1.50 -0.01	25.70 1.97 0.00	28.14 2.39 0.00	25.51 2.40 0.00	24.02 2.38 -0.01	22.22 1.95 -0.01	22.08 1.97 -0.01	22.47 2.12 -0.01	23.58 2.19 -0.08	24.34 2.35 -0.40	28.35 2.64 -3.68	32.10 2.99 -4.38	39.10 3.63 -5.46	38.08 3.72 -2.59	38.95 3.56 -3.91	35.44 3.04 -4.50	28.48 2.52 -2.21	23.25 2.05 -0.01	21.54 1.52 0.00
NYPA_GOWANUS___GT5 24156	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NYPA_GOWANUS___GT6 24157	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.63 0.80 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.51 1.41 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.38 1.75 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.51 2.73 -0.01	34.04 2.55 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.44 1.25 0.00	20.99 0.96 -0.01
NYPA_HARLEM__RVR__GT1 24160	18.18 0.93 -0.01	16.94 0.90 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.61 0.78 0.00	24.89 1.16 0.01	27.28 1.54 0.01	24.65 1.55 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.23 1.64 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.49 2.52 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.73 1.84 0.01	25.32 1.57 0.01	22.35 1.16 0.00	20.89 0.86 -0.01
NYPA_HARLEM__RVR__GT2 24161	18.18 0.93 -0.01	16.94 0.90 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.61 0.78 0.00	24.89 1.16 0.01	27.28 1.54 0.01	24.65 1.55 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.23 1.64 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.49 2.52 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.73 1.84 0.01	25.32 1.57 0.01	22.35 1.16 0.00	20.89 0.86 -0.01
NYPA_KENT___GT 24152	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.76 1.64 -0.01	30.87 1.69 -7.55	21.67 1.40 -0.01	21.51 1.41 -0.01	21.86 1.51 -0.01	23.36 1.60 -0.45	30.87 1.75 -7.54	30.82 2.00 -6.79	32.65 2.32 -5.61	33.72 2.73 -0.97	34.45 2.67 -0.01	33.97 2.49 0.00	29.91 2.01 0.00	25.45 1.69 0.00	22.42 1.23 0.00	20.97 0.94 -0.01

NYPA_POUCH1____GT 24155	18.20 0.95 -0.01	16.93 0.88 -0.01	15.75 0.78 -0.01	15.30 0.71 -0.01	15.50 0.77 -0.01	18.65 0.82 0.00	25.04 1.30 0.00	27.45 1.70 0.00	24.78 1.66 -0.01	30.43 1.73 -7.06	21.71 1.44 -0.01	21.55 1.45 -0.01	21.92 1.57 -0.01	23.37 1.64 -0.42	30.43 1.79 -7.06	30.43 2.05 -6.36	32.37 2.40 -5.24	33.81 2.82 -0.97	34.57 2.80 -0.01	34.07 2.58 0.00	29.97 2.06 0.00	25.49 1.73 0.00	22.46 1.27 0.00	21.01 0.98 -0.01
NYPA_VERNON____GT2 24162	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.74 1.62 -0.01	31.34 1.67 -8.04	21.65 1.38 -0.01	21.49 1.39 -0.01	21.86 1.51 -0.01	23.36 1.58 -0.48	31.34 1.73 -8.03	31.24 1.98 -7.23	32.96 2.27 -5.97	33.66 2.67 -0.97	34.39 2.61 -0.01	33.91 2.42 0.00	29.88 1.98 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
NYPA_VERNON____GT3 24163	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.42 1.67 0.00	24.74 1.62 -0.01	31.34 1.67 -8.04	21.65 1.38 -0.01	21.49 1.39 -0.01	21.86 1.51 -0.01	23.36 1.58 -0.48	31.34 1.73 -8.03	31.24 1.98 -7.23	32.96 2.27 -5.97	33.66 2.67 -0.97	34.39 2.61 -0.01	33.91 2.42 0.00	29.88 1.98 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
NYPA____ASTORIA_CC1 323568	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.48 -0.01	23.28 1.55 -0.42	30.34 1.70 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.35 2.57 -0.01	33.91 2.42 0.00	29.85 1.95 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
NYPA____ASTORIA_CC2 323569	18.16 0.91 -0.01	16.90 0.85 -0.01	15.73 0.76 -0.01	15.29 0.70 -0.01	15.49 0.75 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.40 1.65 0.00	24.74 1.62 -0.01	30.34 1.64 -7.06	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.48 -0.01	23.31 1.58 -0.42	30.34 1.70 -7.06	30.34 1.96 -6.35	32.24 2.27 -5.24	33.63 2.64 -0.97	34.38 2.61 -0.01	33.91 2.42 0.00	29.88 1.98 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
NYPA____HOLTSVILL 23794	18.61 1.36 0.00	17.28 1.24 0.00	15.99 1.03 0.00	15.46 0.87 0.00	15.72 0.99 0.00	19.32 1.48 -0.01	25.65 1.92 0.00	28.14 2.39 0.00	25.49 2.38 0.00	24.00 2.36 -0.01	22.20 1.93 -0.01	22.04 1.93 -0.01	22.43 2.08 -0.01	23.55 2.17 -0.08	24.32 2.33 -0.40	28.31 2.60 -3.68	32.07 2.97 -4.38	45.95 3.60 -12.33	43.71 3.68 -8.26	45.14 3.53 -10.13	43.21 3.04 -12.27	28.46 2.49 -2.21	23.23 2.03 -0.01	21.50 1.48 0.00
NYPA____HELLGATE_GT1 24158	18.18 0.93 -0.01	16.94 0.90 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.61 0.78 0.00	24.89 1.16 0.01	27.28 1.54 0.01	24.65 1.55 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.23 1.64 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.49 2.52 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.73 1.84 0.01	25.32 1.57 0.01	22.35 1.16 0.00	20.89 0.86 -0.01
NYPA____HELLGATE_GT2 24159	18.18 0.93 -0.01	16.94 0.90 -0.01	15.79 0.82 -0.01	15.35 0.76 -0.01	15.55 0.81 -0.01	18.61 0.78 0.00	24.89 1.16 0.01	27.28 1.54 0.01	24.65 1.55 0.01	23.20 1.58 0.01	21.57 1.32 0.01	21.40 1.31 0.01	21.76 1.42 0.01	22.79 1.49 0.00	23.23 1.64 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.49 2.52 -0.95	34.21 2.45 0.01	33.75 2.27 0.01	29.73 1.84 0.01	25.32 1.57 0.01	22.35 1.16 0.00	20.89 0.86 -0.01
NYS_BARGE____HYD 23848	17.79 0.55 0.00	16.52 0.48 0.00	15.40 0.43 0.00	15.18 0.60 0.00	15.27 0.55 0.00	18.29 0.46 0.00	23.71 -0.02 0.00	25.18 -0.57 0.00	23.04 -0.07 0.00	21.46 -0.17 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.22 -0.12 0.00	21.30 0.00 0.00	21.58 0.00 0.00	22.07 0.04 0.00	24.38 -0.35 0.00	29.28 -0.87 -0.14	30.82 -0.95 0.00	30.78 -0.57 0.14	27.23 -0.67 0.00	23.59 -0.17 0.00	20.96 -0.23 0.00	20.50 0.48 0.00
OAK ORCHARD____HYD 24046	17.71 0.47 0.00	16.38 0.34 0.00	15.29 0.33 0.00	15.02 0.44 0.00	15.07 0.34 0.00	18.20 0.37 0.00	23.92 0.19 0.00	25.67 -0.08 0.00	23.32 0.21 0.00	21.74 0.11 0.00	20.36 0.10 0.00	20.20 0.10 0.00	20.43 0.08 0.00	21.47 0.17 0.00	21.75 0.17 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.91 -0.24 -0.13	31.45 -0.32 0.00	31.29 -0.03 0.17	27.76 -0.14 0.00	23.88 0.12 0.00	21.25 0.06 0.00	20.48 0.46 0.00
OAKDALE__35_KV_LOAD 356122	17.67 0.43 0.00	16.41 0.37 0.00	15.31 0.34 0.00	14.93 0.35 0.00	15.02 0.29 0.00	18.22 0.39 0.00	24.21 0.47 0.00	26.16 0.41 0.00	23.57 0.46 0.00	22.00 0.37 0.00	20.55 0.28 0.00	20.42 0.32 0.00	20.67 0.33 0.00	21.69 0.38 0.00	22.03 0.45 0.00	22.51 0.48 0.00	25.22 0.49 0.00	30.75 0.42 -0.32	32.25 0.48 0.00	32.26 0.57 -0.21	28.38 0.47 0.00	24.23 0.48 0.00	21.53 0.34 0.00	20.44 0.42 0.00
OCC_CHEM____DRP 24175	17.59 0.34 0.00	16.15 0.11 0.00	15.19 0.22 0.00	14.76 0.17 0.00	14.67 -0.06 0.00	17.81 -0.02 0.00	23.23 -0.50 0.00	24.36 -1.39 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.66 -0.44 0.00	19.84 -0.51 0.00	20.88 -0.43 0.00	21.21 -0.37 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.02 -1.75 0.00	29.96 -1.39 0.14	26.59 -1.31 0.00	23.07 -0.69 0.00	20.57 -0.61 0.00	20.14 0.12 0.00
OH_GEN_PROXY 24063	17.66 0.41 0.00	16.31 0.27 0.00	15.20 0.24 0.00	14.99 0.41 0.00	15.07 0.34 0.00	18.08 0.25 0.00	23.54 -0.19 0.00	25.00 -0.75 0.00	22.83 -0.28 0.00	21.29 -0.35 0.00	20.02 -0.24 0.00	19.90 -0.20 0.00	20.08 -0.27 0.00	21.13 -0.17 0.00	21.41 -0.17 0.00	21.87 -0.15 0.00	24.16 -0.57 0.00	29.04 -1.11 -0.13	30.53 -1.24 0.00	30.46 -0.88 0.14	27.04 -0.87 0.00	23.40 -0.36 0.00	20.81 -0.38 0.00	20.34 0.32 0.00
OLIN_CORP_DRP 24177	17.57 0.33 0.00	16.36 0.32 0.00	15.11 0.15 0.00	14.95 0.36 0.00	14.86 0.13 0.00	18.04 0.21 0.00	23.35 -0.38 0.00	24.51 -1.24 0.00	22.69 -0.42 0.00	21.16 -0.48 0.00	19.90 -0.36 0.00	19.76 -0.34 0.00	19.96 -0.39 0.00	21.01 -0.30 0.00	21.34 -0.24 0.00	21.76 -0.26 0.00	24.01 -0.72 0.00	28.83 -1.32 -0.14	30.21 -1.56 0.00	30.16 -1.20 0.13	26.76 -1.14 0.00	23.19 -0.57 0.00	20.68 -0.51 0.00	20.24 0.22 0.00
OLIN_CORP_DSASP 323712	17.59 0.34 0.00	16.15 0.11 0.00	15.05 0.09 0.00	14.85 0.26 0.00	14.92 0.19 0.00	17.86 0.04 0.00	23.26 -0.47 0.00	24.67 -1.08 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.67 -0.42 0.00	19.82 -0.53 0.00	20.88 -0.43 0.00	21.15 -0.43 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.12 -1.65 0.00	30.06 -1.29 0.14	26.65 -1.26 0.00	23.09 -0.67 0.00	20.55 -0.64 0.00	20.14 0.12 0.00

ONEIDA_HERK_LFGE 323681	17.59 0.34 0.00	16.36 0.32 0.00	15.26 0.30 0.00	14.86 0.28 0.00	15.01 0.28 0.00	18.24 0.41 0.00	24.28 0.55 0.00	26.26 0.51 0.00	23.50 0.39 0.00	21.91 0.28 0.00	20.44 0.18 0.00	20.26 0.16 0.00	20.47 0.12 0.00	21.45 0.15 0.00	21.73 0.15 0.00	22.27 0.24 0.00	25.00 0.27 0.00	30.44 0.39 -0.04	32.25 0.48 0.00	32.05 0.57 0.00	28.40 0.50 0.00	24.21 0.45 0.00	21.55 0.36 0.00	20.38 0.36 0.00
ONEIDA___115KV_TB4 55905	17.76 0.52 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.01 0.42 0.00	15.13 0.40 0.00	18.40 0.57 0.00	24.49 0.76 0.00	26.44 0.70 0.00	23.73 0.62 0.00	22.11 0.48 0.00	20.63 0.36 0.00	20.44 0.34 0.00	20.67 0.33 0.00	21.67 0.36 0.00	22.01 0.43 0.00	22.49 0.46 0.00	25.19 0.47 0.00	30.62 0.54 -0.07	32.37 0.60 0.00	32.21 0.72 0.00	28.51 0.61 0.00	24.33 0.57 0.00	21.63 0.44 0.00	20.54 0.52 0.00
ONONDAGA_REF_OCCRA 23987	17.38 0.14 0.00	16.14 0.10 0.00	15.04 0.07 0.00	14.67 0.09 0.00	14.76 0.03 0.00	17.93 0.11 0.00	23.87 0.14 0.00	25.72 -0.03 0.00	23.20 0.09 0.00	21.66 0.02 0.00	20.24 -0.02 0.00	20.12 0.02 0.00	20.35 0.00 0.00	21.33 0.02 0.00	21.67 0.09 0.00	22.00 -0.02 0.00	24.60 -0.12 0.00	29.84 -0.30 -0.12	31.48 -0.29 0.00	31.55 -0.19 -0.25	27.73 -0.17 0.00	23.71 -0.05 0.00	21.10 -0.08 0.00	20.16 0.14 0.00
ONONDAGA___COGEN 23986	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
ONTARIO___LFGE 23819	17.78 0.54 0.00	16.46 0.42 0.00	15.35 0.39 0.00	15.05 0.47 0.00	15.13 0.40 0.00	18.34 0.52 0.00	24.30 0.57 0.00	26.13 0.39 0.00	23.55 0.44 0.00	21.91 0.28 0.00	20.51 0.24 0.00	20.38 0.28 0.00	20.59 0.25 0.00	21.62 0.32 0.00	21.90 0.32 0.00	22.40 0.37 0.00	25.04 0.32 0.00	30.29 0.12 -0.15	31.90 0.13 0.00	31.83 0.35 0.00	28.26 0.36 0.00	24.16 0.40 0.00	21.44 0.26 0.00	20.56 0.54 0.00
ORANGEVILLE_WT_PWR 323706	17.98 0.74 0.00	16.62 0.58 0.00	15.49 0.52 0.00	15.24 0.66 0.00	15.32 0.59 0.00	18.43 0.61 0.00	24.13 0.40 0.00	25.82 0.08 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.55 0.28 0.00	20.46 0.36 0.00	20.63 0.28 0.00	21.73 0.43 0.00	22.01 0.43 0.00	22.53 0.51 0.00	25.02 0.30 0.00	29.98 -0.21 -0.17	31.61 -0.16 0.00	31.65 0.16 0.00	27.93 0.03 0.00	24.07 0.31 0.00	21.36 0.17 0.00	20.72 0.70 0.00
ORANGEVILLE___ESR 323794	17.98 0.74 0.00	16.62 0.58 0.00	15.49 0.52 0.00	15.24 0.66 0.00	15.32 0.59 0.00	18.43 0.61 0.00	24.13 0.40 0.00	25.82 0.08 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.55 0.28 0.00	20.46 0.36 0.00	20.63 0.28 0.00	21.73 0.43 0.00	22.01 0.43 0.00	22.53 0.51 0.00	25.02 0.30 0.00	29.98 -0.21 -0.17	31.61 -0.16 0.00	31.65 0.16 0.00	27.93 0.03 0.00	24.07 0.31 0.00	21.36 0.17 0.00	20.72 0.70 0.00
OSWEGATCHIE___HYD 24044	17.12 -0.12 0.00	15.93 -0.11 0.00	14.87 -0.09 0.00	14.51 -0.07 0.00	14.67 -0.06 0.00	17.76 -0.07 0.00	23.57 -0.16 0.00	25.49 -0.26 0.00	22.79 -0.32 0.00	21.22 -0.41 0.00	19.84 -0.43 0.00	19.61 -0.48 0.00	19.78 -0.57 0.00	20.71 -0.60 0.00	21.00 -0.58 0.00	21.45 -0.57 0.00	24.11 -0.62 0.00	29.45 -0.60 -0.03	31.20 -0.57 0.00	31.05 -0.44 0.00	27.62 -0.28 0.00	23.73 -0.02 0.00	21.25 0.06 0.00	20.00 -0.02 0.00
OSWEGO___5 23606	17.07 -0.17 0.00	15.86 -0.18 0.00	14.80 -0.16 0.00	14.45 -0.13 0.00	14.57 -0.16 0.00	17.63 -0.20 0.00	23.42 -0.31 0.00	25.31 -0.44 0.00	22.74 -0.37 0.00	21.24 -0.39 0.00	19.90 -0.36 0.00	19.74 -0.36 0.00	19.98 -0.37 0.00	20.94 -0.36 0.00	21.17 -0.41 0.00	21.54 -0.48 0.00	24.13 -0.59 0.00	29.29 -0.81 -0.09	30.91 -0.86 0.00	33.81 -0.76 -3.08	27.20 -0.70 0.00	23.24 -0.52 0.00	20.74 -0.45 0.00	19.80 -0.22 0.00
OSWEGO___6 23613	17.07 -0.17 0.00	15.86 -0.18 0.00	14.80 -0.16 0.00	14.45 -0.13 0.00	14.57 -0.16 0.00	17.63 -0.20 0.00	23.42 -0.31 0.00	25.31 -0.44 0.00	22.74 -0.37 0.00	21.24 -0.39 0.00	19.90 -0.36 0.00	19.74 -0.36 0.00	19.98 -0.37 0.00	20.94 -0.36 0.00	21.17 -0.41 0.00	21.54 -0.48 0.00	24.13 -0.59 0.00	29.29 -0.81 -0.09	30.91 -0.86 0.00	33.81 -0.76 -3.08	27.20 -0.70 0.00	23.24 -0.52 0.00	20.74 -0.45 0.00	19.80 -0.22 0.00
OUTOKUMPU-AB___DRP 24206	17.97 0.72 0.00	16.58 0.55 0.00	15.49 0.52 0.00	15.14 0.55 0.00	15.05 0.32 0.00	18.27 0.45 0.00	23.85 0.12 0.00	25.10 -0.64 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.36 0.10 0.00	20.22 0.12 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.29 0.26 0.00	24.65 -0.07 0.00	29.56 -0.60 -0.14	31.01 -0.76 0.00	30.98 -0.38 0.13	27.40 -0.50 0.00	23.76 0.00 0.00	21.15 -0.04 0.00	20.66 0.64 0.00
OXBOW___ 24026	17.83 0.59 0.00	16.41 0.37 0.00	15.29 0.33 0.00	15.06 0.48 0.00	15.14 0.41 0.00	18.15 0.32 0.00	23.64 -0.09 0.00	25.10 -0.64 0.00	22.95 -0.16 0.00	21.40 -0.24 0.00	20.12 -0.14 0.00	20.02 -0.08 0.00	20.16 -0.18 0.00	21.24 -0.06 0.00	21.54 -0.04 0.00	22.00 -0.02 0.00	24.33 -0.40 0.00	29.19 -0.96 -0.14	30.69 -1.08 0.00	30.66 -0.69 0.13	27.15 -0.75 0.00	23.50 -0.26 0.00	20.89 -0.30 0.00	20.46 0.44 0.00
OXY_CHEM_DSASP 323612	17.59 0.34 0.00	16.15 0.11 0.00	15.19 0.22 0.00	14.76 0.17 0.00	14.67 -0.06 0.00	17.81 -0.02 0.00	23.23 -0.50 0.00	24.36 -1.39 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.66 -0.44 0.00	19.84 -0.51 0.00	20.88 -0.43 0.00	21.21 -0.37 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.02 -1.75 0.00	29.96 -1.39 0.14	26.59 -1.31 0.00	23.07 -0.69 0.00	20.57 -0.61 0.00	20.14 0.12 0.00
OZONE_PARK_ESR 323760	18.17 0.93 0.00	16.91 0.87 0.00	15.74 0.78 0.00	15.33 0.74 0.00	15.55 0.82 0.00	18.75 0.93 0.00	25.13 1.40 0.00	27.60 1.85 0.00	24.82 1.71 0.00	23.39 1.75 0.00	21.74 1.48 0.00	21.56 1.47 0.00	21.91 1.57 0.00	22.97 1.66 0.00	23.41 1.83 0.00	24.10 2.07 0.00	27.15 2.42 0.00	33.80 2.82 -0.96	34.47 2.70 0.00	34.01 2.52 0.00	30.02 2.12 0.00	25.54 1.78 0.00	22.57 1.38 0.00	20.96 0.94 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.59 0.34 0.00	16.15 0.11 0.00	15.19 0.22 0.00	14.76 0.17 0.00	14.67 -0.06 0.00	17.81 -0.02 0.00	23.23 -0.50 0.00	24.36 -1.39 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.66 -0.44 0.00	19.84 -0.51 0.00	20.88 -0.43 0.00	21.21 -0.37 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.02 -1.75 0.00	29.96 -1.39 0.14	26.59 -1.31 0.00	23.07 -0.69 0.00	20.57 -0.61 0.00	20.14 0.12 0.00

PACKARD__115KV_DUPONT_184 80571	17.59 0.34 0.00	16.15 0.11 0.00	15.19 0.22 0.00	14.76 0.17 0.00	14.67 -0.06 0.00	17.81 -0.02 0.00	23.23 -0.50 0.00	24.36 -1.39 0.00	22.55 -0.55 0.00	21.03 -0.61 0.00	19.78 -0.49 0.00	19.66 -0.44 0.00	19.84 -0.51 0.00	20.88 -0.43 0.00	21.21 -0.37 0.00	21.63 -0.40 0.00	23.86 -0.87 0.00	28.68 -1.47 -0.14	30.02 -1.75 0.00	29.96 -1.39 0.14	26.59 -1.31 0.00	23.07 -0.69 0.00	20.57 -0.61 0.00	20.14 0.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.18 0.93 -0.01	16.93 0.88 -0.01	15.76 0.79 -0.01	15.36 0.77 -0.01	15.58 0.84 -0.01	18.68 0.86 0.00	24.92 1.19 0.00	27.37 1.62 0.00	24.63 1.53 0.01	23.18 1.56 0.01	21.55 1.30 0.01	21.38 1.29 0.01	21.74 1.40 0.01	22.77 1.47 0.00	23.23 1.64 -0.01	23.89 1.87 0.01	26.91 2.18 -0.01	33.52 2.55 -0.95	34.21 2.45 0.01	33.75 2.27 0.00	29.80 1.90 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.91 0.88 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.39 1.14 -0.01	17.12 1.07 -0.01	15.94 0.97 -0.01	15.54 0.95 -0.01	15.75 1.02 -0.01	18.91 1.09 0.00	25.25 1.52 0.00	27.58 1.83 0.00	24.79 1.69 0.01	23.33 1.71 0.01	21.67 1.42 0.01	21.50 1.41 0.01	21.86 1.53 0.01	22.92 1.62 0.00	23.38 1.79 -0.01	24.04 2.03 0.01	27.08 2.35 -0.01	33.70 2.73 -0.95	34.43 2.67 0.01	33.97 2.49 0.00	29.99 2.09 0.00	25.49 1.73 0.00	22.54 1.36 0.00	21.13 1.10 -0.01
PATROON__115KV_TB1 80586	17.60 0.36 0.00	16.52 0.48 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.22 0.39 0.00	24.25 0.52 0.00	26.49 0.75 0.00	23.62 0.51 0.00	22.13 0.50 0.00	20.65 0.38 0.00	20.50 0.40 0.00	20.75 0.41 0.00	21.69 0.38 0.00	22.05 0.47 0.00	22.69 0.66 0.00	25.56 0.84 0.00	32.35 1.11 -1.23	32.98 1.21 0.00	32.59 1.10 0.00	28.96 1.06 0.00	24.47 0.71 0.00	21.65 0.47 0.00	20.24 0.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.09 0.84 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.25 0.67 0.00	15.20 0.47 0.00	18.45 0.62 0.00	24.16 0.43 0.00	25.57 -0.18 0.00	23.62 0.51 0.00	21.96 0.32 0.00	20.65 0.38 0.00	20.52 0.42 0.00	20.75 0.41 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.67 0.64 0.00	25.14 0.42 0.00	29.81 -0.36 -0.15	31.58 -0.19 0.00	31.64 0.16 0.00	27.90 0.00 0.00	24.11 0.36 0.00	21.42 0.23 0.00	20.84 0.82 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.12 0.88 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.44 0.71 0.00	18.63 0.80 0.00	24.99 1.26 0.00	27.32 1.57 0.00	24.52 1.41 0.00	23.02 1.38 0.00	21.38 1.11 0.00	21.22 1.13 0.00	21.63 1.28 0.00	22.65 1.34 0.00	23.07 1.49 0.00	23.79 1.76 0.00	26.80 2.08 0.00	33.58 2.58 -0.98	34.44 2.67 0.00	34.07 2.58 0.00	29.99 2.09 0.00	25.40 1.64 0.00	22.40 1.21 0.00	20.82 0.80 0.00
PEEKSKILL____ 23653	17.98 0.74 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.12 0.54 0.00	15.32 0.59 0.00	18.52 0.69 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.40 1.29 0.00	22.93 1.30 0.00	21.34 1.07 0.00	21.16 1.06 0.00	21.55 1.20 0.00	22.54 1.24 0.00	22.94 1.36 0.00	23.63 1.61 0.00	26.60 1.88 0.00	33.24 2.28 -0.95	34.06 2.29 0.00	33.63 2.14 0.00	29.66 1.76 0.00	25.18 1.43 0.00	22.23 1.04 0.00	20.72 0.70 0.00
PGE MADISON__WINDPWR 24146	18.81 1.57 0.00	17.51 1.47 0.00	16.35 1.39 0.00	15.90 1.31 0.00	16.03 1.30 0.00	19.58 1.75 0.00	26.08 2.35 0.00	28.24 2.50 0.00	25.14 2.03 0.00	23.21 1.58 0.00	21.48 1.22 0.00	21.26 1.17 0.00	21.46 1.12 0.00	22.56 1.26 0.00	22.90 1.32 0.00	23.75 1.72 0.00	26.65 1.93 0.00	32.77 2.43 -0.32	34.57 2.80 0.00	34.83 3.12 -0.22	30.58 2.68 0.00	26.04 2.28 0.00	22.97 1.78 0.00	21.72 1.70 0.00
PIERCEFIELD__HYD 23852	16.86 -0.38 0.00	15.69 -0.35 0.00	14.68 -0.28 0.00	14.32 -0.26 0.00	14.52 -0.21 0.00	17.49 -0.34 0.00	23.11 -0.62 0.00	24.95 -0.80 0.00	22.30 -0.81 0.00	20.81 -0.82 0.00	19.49 -0.77 0.00	19.27 -0.82 0.00	19.43 -0.92 0.00	20.32 -0.98 0.00	20.50 -1.08 0.00	20.95 -1.08 0.00	23.59 -1.14 0.00	28.82 -1.20 0.00	30.66 -1.11 0.00	30.45 -1.04 0.00	27.09 -0.81 0.00	23.35 -0.40 0.00	21.06 -0.13 0.00	19.82 -0.20 0.00
PINELAWN_CC_1 323563	18.54 1.29 0.00	17.21 1.17 0.00	15.94 0.97 0.00	15.41 0.83 0.00	15.67 0.94 0.00	19.23 1.39 -0.01	25.58 1.85 0.00	27.99 2.24 0.00	25.35 2.24 0.00	23.87 2.23 -0.01	22.12 1.84 -0.01	21.96 1.85 -0.01	22.33 1.97 -0.01	23.43 2.05 -0.08	24.19 2.20 -0.40	28.20 2.49 -3.68	31.93 2.82 -4.39	37.65 3.45 -4.18	36.84 3.53 -1.54	37.61 3.37 -2.75	33.80 2.85 -3.05	28.29 2.33 -2.21	23.11 1.91 -0.01	21.42 1.40 0.00
PJM_GEN_HTP_PROXY 323702	18.05 0.81 0.00	16.79 0.75 0.00	15.64 0.67 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.19 1.56 0.00	21.56 1.30 0.00	21.38 1.29 0.00	21.75 1.40 0.00	22.77 1.47 0.00	23.20 1.62 0.00	23.90 1.87 0.00	26.90 2.18 0.00	33.53 2.55 -0.96	34.18 2.41 0.00	33.76 2.27 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.82 0.80 0.00
PJM_GEN_KEystone 24065	17.83 0.59 0.00	16.50 0.47 0.00	15.38 0.42 0.00	15.05 0.47 0.00	15.19 0.46 0.00	18.31 0.48 0.00	24.23 0.50 0.00	26.18 0.44 0.00	23.71 0.60 0.00	22.20 0.56 0.00	20.73 0.47 0.00	20.60 0.50 0.00	20.87 0.53 0.00	21.92 0.62 0.00	22.27 0.69 0.00	22.86 0.84 0.00	25.56 0.84 0.00	31.28 0.72 -0.54	32.33 0.76 0.20	32.17 0.85 0.17	28.51 0.61 0.00	24.40 0.64 0.00	21.57 0.38 0.00	20.54 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.29 1.05 0.00	16.98 0.95 0.00	15.74 0.78 0.00	15.24 0.66 0.00	15.48 0.75 0.00	18.94 1.11 -0.01	25.23 1.50 0.00	27.58 1.83 0.00	24.96 1.85 0.00	23.52 1.88 -0.01	21.81 1.54 -0.01	21.63 1.53 -0.01	22.00 1.65 -0.01	23.06 1.68 -0.07	23.80 1.81 -0.40	27.78 2.07 -3.68	31.46 2.35 -4.38	36.20 2.85 -3.33	35.47 2.86 -0.84	36.18 2.71 -1.98	32.28 2.29 -2.09	27.84 1.88 -2.20	22.72 1.53 -0.01	21.12 1.10 0.00
PJM_GEN_VFT_PROXY 323633	17.95 0.71 0.00	16.74 0.70 0.00	15.58 0.61 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.82 1.09 0.00	27.16 1.42 0.00	24.47 1.36 0.00	23.06 1.43 0.00	21.44 1.17 0.00	21.26 1.17 0.00	21.63 1.28 0.00	22.67 1.36 0.00	23.07 1.49 0.00	23.77 1.74 0.00	26.77 2.05 0.00	33.29 2.31 -0.96	31.10 2.19 2.86	31.11 2.02 2.40	29.55 1.65 0.00	25.18 1.43 0.00	22.23 1.04 0.00	20.70 0.68 0.00
PLATSBRG_115KV_PMLD1 355749	17.33 0.09 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.79 0.20 0.00	15.01 0.28 0.00	18.17 0.34 0.00	23.87 0.14 0.00	25.95 0.21 0.00	23.32 0.21 0.00	21.94 0.30 0.00	20.61 0.34 0.00	20.36 0.26 0.00	20.49 0.14 0.00	21.45 0.15 0.00	21.64 0.06 0.00	22.05 0.02 0.00	24.82 0.10 0.00	30.32 0.30 0.00	32.72 0.95 0.00	32.43 0.94 0.00	28.65 0.75 0.00	24.47 0.71 0.00	21.97 0.78 0.00	20.60 0.58 0.00

PLEASANTVLY___LBMP 24000	17.91 0.67 0.00	16.66 0.63 0.00	15.53 0.57 0.00	15.11 0.52 0.00	15.32 0.59 0.00	18.50 0.68 0.00	24.70 0.97 0.00	27.03 1.29 0.00	24.24 1.13 0.00	22.78 1.15 0.00	21.21 0.95 0.00	21.04 0.94 0.00	21.38 1.04 0.00	22.37 1.07 0.00	22.79 1.21 0.00	23.44 1.41 0.00	26.38 1.66 0.00	33.04 2.01 -1.02	33.80 2.03 0.00	33.38 1.89 0.00	29.52 1.62 0.00	25.07 1.31 0.00	22.16 0.97 0.00	20.64 0.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.47 1.36 0.00	23.02 1.38 0.00	21.42 1.15 0.00	21.24 1.15 0.00	21.59 1.24 0.00	22.60 1.30 0.00	23.07 1.49 0.00	23.72 1.70 0.00	26.68 1.95 0.00	33.36 2.37 -0.97	34.12 2.35 0.00	33.69 2.20 0.00	29.77 1.87 0.00	25.30 1.54 0.00	22.35 1.17 0.00	20.78 0.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.89 1.16 0.00	27.27 1.52 0.00	24.47 1.36 0.00	23.02 1.38 0.00	21.42 1.15 0.00	21.24 1.15 0.00	21.59 1.24 0.00	22.60 1.30 0.00	23.07 1.49 0.00	23.72 1.70 0.00	26.68 1.95 0.00	33.36 2.37 -0.97	34.12 2.35 0.00	33.69 2.20 0.00	29.77 1.87 0.00	25.30 1.54 0.00	22.35 1.17 0.00	20.78 0.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.04 0.79 0.00	16.76 0.72 0.00	15.61 0.64 0.00	15.19 0.61 0.00	15.39 0.66 0.00	18.59 0.77 0.00	24.87 1.14 0.00	27.19 1.44 0.00	24.36 1.25 0.00	22.87 1.23 0.00	21.30 1.03 0.00	21.12 1.02 0.00	21.42 1.08 0.00	22.41 1.11 0.00	22.85 1.27 0.00	23.55 1.52 0.00	26.48 1.76 0.00	33.23 2.22 -1.00	34.09 2.32 0.00	33.66 2.17 0.00	29.77 1.87 0.00	25.23 1.47 0.00	22.31 1.12 0.00	20.76 0.74 0.00
POLETTI____ 23519	18.04 0.79 0.00	16.78 0.74 0.00	15.62 0.66 0.00	15.22 0.64 0.00	15.45 0.72 0.00	18.61 0.78 0.00	24.89 1.16 0.00	27.34 1.60 0.00	24.57 1.46 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.71 1.36 0.00	22.75 1.45 0.00	23.20 1.62 0.00	23.88 1.85 0.00	26.87 2.15 0.00	33.47 2.49 -0.96	34.12 2.35 0.00	33.66 2.17 0.00	29.71 1.81 0.00	25.30 1.54 0.00	22.38 1.19 0.00	20.78 0.76 0.00
POMONA___ESR 323819	18.00 0.76 0.00	16.73 0.69 0.00	15.58 0.61 0.00	15.14 0.55 0.00	15.33 0.60 0.00	18.54 0.71 0.00	24.82 1.09 0.00	27.09 1.34 0.00	24.38 1.27 0.00	22.91 1.28 0.00	21.32 1.05 0.00	21.16 1.06 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.94 1.36 0.00	23.63 1.61 0.00	26.58 1.86 0.00	33.19 2.25 -0.92	34.06 2.29 0.00	33.63 2.14 0.00	29.66 1.76 0.00	25.21 1.45 0.00	22.23 1.04 0.00	20.72 0.70 0.00
PORT_JEFF_3 23555	18.66 1.41 0.00	17.32 1.28 0.00	16.03 1.06 0.00	15.49 0.90 0.00	15.76 1.03 0.00	19.37 1.53 -0.01	25.73 1.99 0.00	28.22 2.47 0.00	25.56 2.45 0.00	24.07 2.42 -0.01	22.26 1.99 -0.01	22.10 1.99 -0.01	22.51 2.16 -0.01	23.64 2.26 -0.08	24.38 2.40 -0.40	28.39 2.69 -3.68	32.17 3.07 -4.38	46.44 3.69 -12.73	44.13 3.78 -8.58	45.60 3.62 -10.49	43.77 3.15 -12.72	28.53 2.57 -2.21	23.32 2.12 -0.01	21.56 1.54 0.00
PORT_JEFF_4 23616	18.66 1.41 0.00	17.32 1.28 0.00	16.03 1.06 0.00	15.49 0.90 0.00	15.76 1.03 0.00	19.37 1.53 -0.01	25.73 1.99 0.00	28.22 2.47 0.00	25.56 2.45 0.00	24.07 2.42 -0.01	22.26 1.99 -0.01	22.10 1.99 -0.01	22.51 2.16 -0.01	23.64 2.26 -0.08	24.38 2.40 -0.40	28.39 2.69 -3.68	32.17 3.07 -4.38	46.44 3.69 -12.73	44.13 3.78 -8.58	45.60 3.62 -10.49	43.77 3.15 -12.72	28.53 2.57 -2.21	23.32 2.12 -0.01	21.56 1.54 0.00
PORT_JEFF_IC 23713	18.69 1.45 0.00	17.34 1.30 0.00	16.05 1.09 0.00	15.52 0.93 0.00	15.79 1.06 0.00	19.41 1.57 -0.01	25.77 2.04 0.00	28.30 2.55 0.00	25.63 2.52 0.00	24.13 2.49 -0.01	22.32 2.05 -0.01	22.16 2.05 -0.01	22.57 2.22 -0.01	23.68 2.30 -0.08	24.44 2.46 -0.40	28.46 2.75 -3.68	32.25 3.14 -4.38	47.93 3.72 -14.19	45.37 3.81 -9.79	46.98 3.68 -11.81	45.51 3.24 -14.37	28.60 2.64 -2.21	23.36 2.16 -0.01	21.60 1.58 0.00
PPL PILGRIM_ST_GT1 24216	18.64 1.40 0.00	17.29 1.25 0.00	16.01 1.05 0.00	15.47 0.89 0.00	15.73 1.00 0.00	19.33 1.50 -0.01	25.70 1.97 0.00	28.14 2.39 0.00	25.51 2.40 0.00	24.02 2.38 -0.01	22.22 1.95 -0.01	22.08 1.97 -0.01	22.47 2.12 -0.01	23.58 2.19 -0.08	24.34 2.35 -0.40	28.35 2.64 -3.68	32.10 2.99 -4.38	39.10 3.63 -5.46	38.08 3.72 -2.59	38.95 3.56 -3.91	35.44 3.04 -4.50	28.48 2.52 -2.21	23.25 2.05 -0.01	21.54 1.52 0.00
PPL PILGRIM_ST_GT2 24217	18.64 1.40 0.00	17.29 1.25 0.00	16.01 1.05 0.00	15.47 0.89 0.00	15.73 1.00 0.00	19.33 1.50 -0.01	25.70 1.97 0.00	28.14 2.39 0.00	25.51 2.40 0.00	24.02 2.38 -0.01	22.22 1.95 -0.01	22.08 1.97 -0.01	22.47 2.12 -0.01	23.58 2.19 -0.08	24.34 2.35 -0.40	28.35 2.64 -3.68	32.10 2.99 -4.38	39.10 3.63 -5.46	38.08 3.72 -2.59	38.95 3.56 -3.91	35.44 3.04 -4.50	28.48 2.52 -2.21	23.25 2.05 -0.01	21.54 1.52 0.00
PPL_SHRM_GT3 24213	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.48 2.73 0.00	25.79 2.68 0.00	24.28 2.64 -0.01	22.42 2.15 -0.01	22.26 2.15 -0.01	22.67 2.32 -0.01	23.83 2.45 -0.08	24.59 2.61 -0.40	28.62 2.91 -3.68	32.37 3.26 -4.38	46.97 4.02 -12.93	44.68 4.16 -8.75	46.16 4.00 -10.67	44.28 3.43 -12.94	28.74 2.78 -2.21	23.49 2.29 -0.01	21.70 1.68 0.00
PPL_SHRM_GT4 24214	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.48 2.73 0.00	25.79 2.68 0.00	24.28 2.64 -0.01	22.42 2.15 -0.01	22.26 2.15 -0.01	22.67 2.32 -0.01	23.83 2.45 -0.08	24.59 2.61 -0.40	28.62 2.91 -3.68	32.37 3.26 -4.38	46.97 4.02 -12.93	44.68 4.16 -8.75	46.16 4.00 -10.67	44.28 3.43 -12.94	28.74 2.78 -2.21	23.49 2.29 -0.01	21.70 1.68 0.00
PROJECT___ORANGE 1 24174	17.31 0.07 0.00	16.07 0.03 0.00	14.99 0.03 0.00	14.63 0.04 0.00	14.71 -0.01 0.00	17.86 0.04 0.00	23.78 0.05 0.00	25.62 -0.13 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.50 -0.22 0.00	29.67 -0.45 -0.11	31.32 -0.44 0.00	31.32 -0.35 -0.18	27.59 -0.31 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00
PROJECT___ORANGE 2 24166	17.31 0.07 0.00	16.07 0.03 0.00	14.99 0.03 0.00	14.63 0.04 0.00	14.71 -0.01 0.00	17.86 0.04 0.00	23.78 0.05 0.00	25.62 -0.13 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.50 -0.22 0.00	29.67 -0.45 -0.11	31.32 -0.44 0.00	31.32 -0.35 -0.18	27.59 -0.31 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00

PUCKETT___SOLAR 323809	17.95	16.66	15.54	15.18	15.30	18.56	24.68	26.70	23.92	22.20	20.67	20.50	20.73	21.75	22.05	22.69	25.49	31.22	32.85	32.92	28.96	24.68	21.89	20.74
	0.71	0.62	0.58	0.60	0.57	0.73	0.95	0.95	0.81	0.56	0.41	0.40	0.39	0.45	0.47	0.66	0.77	0.87	1.08	1.23	1.06	0.93	0.70	0.72
	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	-0.33	0.00	-0.21	0.00	0.00	0.00	0.00
PYRITES___HYD 24023	17.07	15.88	14.86	14.49	14.70	17.76	23.52	25.39	22.67	21.16	19.80	19.55	19.69	20.62	20.80	21.28	23.96	29.33	31.23	31.01	27.57	23.69	21.27	20.04
	-0.17	-0.16	-0.10	-0.09	-0.03	-0.07	-0.21	-0.36	-0.44	-0.48	-0.47	-0.54	-0.65	-0.68	-0.78	-0.75	-0.77	-0.69	-0.54	-0.47	-0.33	-0.07	0.08	0.02
	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
QUAKERRD_115KV_BK1 80622	17.17	15.89	14.84	14.51	14.49	17.61	23.30	24.87	22.67	21.14	19.80	19.62	19.88	20.88	21.21	21.52	23.98	29.13	30.56	30.33	26.95	23.19	20.64	19.88
	-0.07	-0.14	-0.12	-0.07	-0.24	-0.21	-0.43	-0.88	-0.44	-0.50	-0.47	-0.48	-0.47	-0.43	-0.37	-0.51	-0.74	-1.02	-1.21	-0.98	-0.95	-0.57	-0.55	-0.14
	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	-0.13	0.00	0.18	0.00	0.00	0.00	0.00
QUENSBRY_115KV_TB8 356137	18.35	17.10	15.92	15.49	15.67	19.02	25.56	27.96	24.89	23.26	21.66	21.44	21.73	22.69	22.96	23.39	26.43	33.55	34.25	33.94	30.50	25.71	22.65	21.22
	1.10	1.06	0.96	0.90	0.94	1.19	1.83	2.21	1.78	1.62	1.40	1.35	1.38	1.38	1.38	1.37	1.71	2.28	2.48	2.46	2.59	1.95	1.46	1.20
	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	-1.25	0.00	0.00	0.00	0.00	0.00	0.00
RAMAPO___LBMP 323565	17.95	16.68	15.53	15.12	15.33	18.50	24.75	27.06	24.31	22.85	21.28	21.10	21.44	22.45	22.90	23.55	26.48	33.06	33.90	33.47	29.58	25.14	22.21	20.66
	0.71	0.64	0.57	0.54	0.60	0.68	1.02	1.31	1.20	1.21	1.01	1.00	1.10	1.15	1.32	1.52	1.76	2.13	2.13	1.98	1.67	1.38	1.02	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	-0.91	0.00	0.00	0.00	0.00	0.00	0.00
RANKINE____ 23646	18.09	16.70	15.55	15.25	15.19	18.43	24.11	25.52	23.57	21.94	20.63	20.50	20.71	21.82	22.16	22.62	25.05	29.86	31.42	31.38	27.79	24.04	21.38	20.82
	0.84	0.66	0.58	0.67	0.46	0.61	0.38	-0.23	0.46	0.30	0.36	0.40	0.37	0.51	0.58	0.59	0.32	-0.30	-0.35	0.00	-0.11	0.29	0.19	0.80
	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	-0.15	0.00	0.11	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	18.07	16.81	15.65	15.22	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.33	22.40	20.82
	0.83	0.77	0.69	0.64	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.57	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2 24245	18.07	16.81	15.65	15.22	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.33	22.40	20.82
	0.83	0.77	0.69	0.64	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.57	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3 24246	18.07	16.81	15.65	15.24	15.47	18.65	24.96	27.40	24.61	23.19	21.56	21.38	21.75	22.77	23.22	23.90	26.90	33.53	34.22	33.75	29.80	25.35	22.42	20.84
	0.83	0.77	0.69	0.66	0.74	0.82	1.23	1.65	1.50	1.56	1.30	1.29	1.40	1.47	1.64	1.87	2.18	2.55	2.45	2.27	1.90	1.59	1.23	0.82
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4 24247	18.07	16.81	15.65	15.24	15.47	18.65	24.96	27.40	24.61	23.19	21.56	21.38	21.75	22.77	23.22	23.90	26.90	33.53	34.22	33.75	29.80	25.35	22.42	20.84
	0.83	0.77	0.69	0.66	0.74	0.82	1.23	1.65	1.50	1.56	1.30	1.29	1.40	1.47	1.64	1.87	2.18	2.55	2.45	2.27	1.90	1.59	1.23	0.82
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1 24248	18.07	16.81	15.65	15.24	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.35	22.40	20.82
	0.83	0.77	0.69	0.66	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.59	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2 24249	18.07	16.81	15.65	15.24	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.35	22.40	20.82
	0.83	0.77	0.69	0.66	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.59	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3 24250	18.09	16.82	15.65	15.24	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.35	22.40	20.82
	0.84	0.79	0.69	0.66	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.59	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4 24251	18.09	16.82	15.65	15.24	15.45	18.65	24.94	27.37	24.61	23.17	21.56	21.38	21.73	22.77	23.22	23.88	26.87	33.50	34.18	33.75	29.80	25.35	22.40	20.82
	0.84	0.79	0.69	0.66	0.72	0.82	1.21	1.62	1.50	1.54	1.30	1.29	1.38	1.47	1.64	1.85	2.15	2.52	2.41	2.27	1.90	1.59	1.21	0.80
	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	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1 23729	18.16	16.90	15.73	15.29	15.49	18.65	25.01	27.42	24.74	31.34	21.65	21.49	21.86	23.36	31.34	31.24	32.96	33.66	34.39	33.91	29.88	25.42	22.42	20.93
	0.91	0.85	0.76	0.70	0.75	0.82	1.28	1.67	1.62	1.67	1.38	1.39	1.51	1.58	1.73	1.98	2.27	2.67	2.61	2.42	1.98	1.66	1.23	0.90
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-8.04	-0.01	-0.01	-0.01	-0.01	-0.48	-8.03	-7.23	-5.97	-0.97	-0.01	0.00	0.00	0.00	-0.01

RAVENSWOOD_GT_10 24258	18.05 0.81 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.22 0.64 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.61 1.50 0.00	22.46 1.54 0.71	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.73 1.47 0.04	22.51 1.64 0.71	23.23 1.85 0.64	26.34 2.15 0.53	33.50 2.52 -0.96	34.18 2.41 0.00	33.72 2.24 0.00	29.80 1.90 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.82 0.80 0.00
RAVENSWOOD_GT_11 24259	18.05 0.81 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.19 0.61 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.29 1.54 0.00	24.61 1.50 0.00	22.46 1.54 0.71	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.73 1.47 0.04	22.46 1.60 0.71	23.23 1.85 0.64	26.34 2.15 0.53	33.50 2.52 -0.96	34.21 2.45 0.00	33.76 2.27 0.00	29.74 1.84 0.00	25.33 1.57 0.00	22.33 1.14 0.00	20.82 0.80 0.00
RAVENSWOOD_GT_4 24252	18.05 0.81 0.01	16.79 0.75 0.01	15.63 0.67 0.01	15.22 0.64 0.01	15.45 0.72 0.01	18.63 0.80 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.58 1.48 0.01	18.46 1.54 4.71	21.53 1.28 0.01	21.36 1.27 0.01	21.70 1.36 0.01	22.47 1.45 0.28	18.49 1.62 4.71	19.62 1.83 4.24	23.35 2.13 3.50	33.46 2.49 -0.96	34.15 2.38 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.80 0.78 0.01
RAVENSWOOD_GT_5 24254	18.05 0.81 0.01	16.79 0.75 0.01	15.63 0.67 0.01	15.22 0.64 0.01	15.45 0.72 0.01	18.63 0.80 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.58 1.48 0.01	18.46 1.54 4.71	21.53 1.28 0.01	21.36 1.27 0.01	21.70 1.36 0.01	22.47 1.45 0.28	18.49 1.62 4.71	19.62 1.83 4.24	23.35 2.13 3.50	33.46 2.49 -0.96	34.15 2.38 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.80 0.78 0.01
RAVENSWOOD_GT_6 24253	18.05 0.81 0.01	16.79 0.75 0.01	15.63 0.67 0.01	15.22 0.64 0.01	15.45 0.72 0.01	18.63 0.80 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.58 1.48 0.01	18.46 1.54 4.71	21.53 1.28 0.01	21.36 1.27 0.01	21.70 1.36 0.01	22.47 1.45 0.28	18.49 1.62 4.71	19.62 1.83 4.24	23.35 2.13 3.50	33.46 2.49 -0.96	34.15 2.38 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.80 0.78 0.01
RAVENSWOOD_GT_7 24255	18.05 0.81 0.01	16.79 0.75 0.01	15.63 0.67 0.01	15.22 0.64 0.01	15.45 0.72 0.01	18.63 0.80 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.58 1.48 0.01	18.46 1.54 4.71	21.53 1.28 0.01	21.36 1.27 0.01	21.70 1.36 0.01	22.47 1.45 0.28	18.49 1.62 4.71	19.62 1.83 4.24	23.35 2.13 3.50	33.46 2.49 -0.96	34.15 2.38 0.01	33.72 2.24 0.00	29.77 1.87 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.80 0.78 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.05 0.81 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.22 0.64 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.61 1.50 0.00	22.46 1.54 0.71	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.73 1.47 0.04	22.51 1.64 0.71	23.23 1.85 0.64	26.34 2.15 0.53	33.50 2.52 -0.96	34.18 2.41 0.00	33.72 2.24 0.00	29.80 1.90 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.82 0.80 0.00
RAVENSWOOD_GT_9 24257	18.05 0.81 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.22 0.64 0.00	15.45 0.72 0.00	18.65 0.82 0.00	24.94 1.21 0.00	27.37 1.62 0.00	24.61 1.50 0.00	22.46 1.54 0.71	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.73 1.47 0.04	22.51 1.64 0.71	23.23 1.85 0.64	26.34 2.15 0.53	33.50 2.52 -0.96	34.18 2.41 0.00	33.72 2.24 0.00	29.80 1.90 0.00	25.33 1.57 0.00	22.40 1.21 0.00	20.82 0.80 0.00
RAVENSWOOD___1 23533	18.15 0.90 -0.01	16.90 0.85 -0.01	15.72 0.75 -0.01	15.28 0.69 -0.01	15.47 0.74 -0.01	18.65 0.82 0.00	25.01 1.28 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	30.35 1.64 -7.07	21.65 1.38 -0.01	21.47 1.37 -0.01	21.84 1.48 -0.01	23.28 1.55 -0.42	30.35 1.70 -7.06	30.35 1.96 -6.36	32.25 2.27 -5.25	33.63 2.64 -0.97	34.38 2.61 -0.01	33.91 2.42 0.00	29.85 1.95 0.00	25.42 1.66 0.00	22.42 1.23 0.00	20.93 0.90 -0.01
RAVENSWOOD___2 23534	18.15 0.90 -0.01	16.88 0.83 -0.01	15.72 0.75 -0.01	15.28 0.69 -0.01	15.47 0.74 -0.01	18.65 0.82 0.00	24.99 1.26 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	30.30 1.62 -7.05	21.63 1.36 -0.01	21.45 1.35 -0.01	21.82 1.47 -0.01	23.28 1.55 -0.42	30.30 1.68 -7.04	30.30 1.94 -6.34	32.20 2.25 -5.23	33.63 2.64 -0.97	34.35 2.57 -0.01	33.91 2.42 0.00	29.85 1.95 0.00	25.40 1.64 0.00	22.40 1.21 0.00	20.91 0.88 -0.01
RAVENSWOOD___3 23535	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.21 0.63 0.00	15.41 0.68 0.00	18.61 0.78 0.00	24.94 1.21 0.00	27.29 1.54 0.00	24.61 1.50 0.00	23.17 1.54 0.00	21.54 1.28 0.00	21.36 1.27 0.00	21.73 1.38 0.00	22.77 1.47 0.00	23.18 1.60 0.00	23.88 1.85 0.00	26.87 2.15 0.00	33.50 2.52 -0.96	34.22 2.45 0.00	33.78 2.30 0.00	29.74 1.84 0.00	25.33 1.57 0.00	22.35 1.16 0.00	20.82 0.80 0.00
RAVENSWOOD___4 23820	18.15 0.90 -0.01	16.88 0.83 -0.01	15.72 0.75 -0.01	15.27 0.69 -0.01	15.47 0.74 -0.01	18.63 0.80 0.00	24.99 1.26 0.00	27.40 1.65 0.00	24.71 1.59 -0.01	29.35 1.62 -6.09	21.63 1.36 -0.01	21.45 1.35 -0.01	21.82 1.47 -0.01	23.21 1.53 -0.37	29.35 1.68 -6.09	29.45 1.94 -5.48	31.50 2.25 -4.52	33.63 2.64 -0.97	34.35 2.57 -0.01	33.88 2.39 0.00	29.85 1.95 0.00	25.40 1.64 0.00	22.40 1.21 0.00	20.91 0.88 -0.01
RCPL_TRUST___DRP 24196	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.65 0.82 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.59 2.61 -0.96	34.22 2.45 0.00	33.75 2.27 0.00	29.80 1.90 0.00	25.35 1.59 0.00	22.42 1.23 0.00	20.84 0.82 0.00
RED___ROCHESTER 323720	17.81 0.57 0.00	16.46 0.42 0.00	15.37 0.40 0.00	15.09 0.51 0.00	15.13 0.40 0.00	18.31 0.48 0.00	24.06 0.33 0.00	25.82 0.08 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.32 0.22 0.00	20.57 0.22 0.00	21.62 0.32 0.00	21.90 0.32 0.00	22.29 0.27 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.67 -0.10 0.00	31.53 0.22 0.18	27.98 0.08 0.00	24.07 0.31 0.00	21.40 0.21 0.00	20.60 0.58 0.00
REGAN___SOLAR 323812	18.47 1.22 0.00	17.24 1.20 0.00	16.07 1.11 0.00	15.60 1.02 0.00	15.80 1.07 0.00	19.29 1.46 0.00	26.13 2.40 0.00	28.19 2.45 0.00	25.05 1.94 0.00	23.34 1.71 0.00	21.64 1.38 0.00	21.40 1.31 0.00	21.71 1.36 0.00	22.73 1.43 0.00	23.05 1.47 0.00	23.81 1.78 0.00	26.92 2.20 0.00	34.22 2.94 -1.26	34.95 3.18 0.00	34.73 3.24 0.00	31.00 3.10 0.00	26.13 2.38 0.00	22.88 1.70 0.00	21.46 1.44 0.00

RENSSELAER___COGEN 23796	17.54 0.29 0.00	16.46 0.42 0.00	15.37 0.40 0.00	14.95 0.36 0.00	15.08 0.35 0.00	18.13 0.30 0.00	24.13 0.40 0.00	26.31 0.57 0.00	23.50 0.39 0.00	22.02 0.39 0.00	20.57 0.30 0.00	20.40 0.30 0.00	20.65 0.31 0.00	21.58 0.28 0.00	21.92 0.34 0.00	22.58 0.55 0.00	25.44 0.72 0.00	32.19 0.96 -1.22	32.82 1.05 0.00	32.43 0.94 0.00	28.77 0.87 0.00	24.35 0.59 0.00	21.51 0.32 0.00	20.14 0.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.07 1.83 0.00	17.77 1.73 0.00	16.55 1.59 0.00	16.07 1.49 0.00	16.25 1.52 0.00	19.82 2.00 0.00	26.79 3.06 0.00	29.30 3.55 0.00	26.02 2.91 0.00	24.21 2.57 0.00	22.49 2.23 0.00	22.27 2.17 0.00	22.44 2.10 0.00	23.41 2.11 0.00	23.67 2.09 0.00	24.23 2.20 0.00	27.42 2.69 0.00	34.84 3.57 -1.25	35.64 3.88 0.00	35.45 3.97 0.00	32.09 4.19 0.00	26.92 3.16 0.00	23.65 2.46 0.00	22.10 2.08 0.00
REVERE_CPPR_DRP 24186	17.85 0.60 0.00	16.60 0.56 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.20 0.47 0.00	18.50 0.68 0.00	24.63 0.90 0.00	26.60 0.85 0.00	23.83 0.72 0.00	22.17 0.54 0.00	20.67 0.41 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.03 0.45 0.00	22.56 0.53 0.00	25.29 0.57 0.00	30.79 0.72 -0.06	32.59 0.83 0.00	32.43 0.94 0.00	28.71 0.81 0.00	24.49 0.74 0.00	21.76 0.57 0.00	20.64 0.62 0.00
REYNOLDS_115KV_TB3 80639	17.66 0.41 0.00	16.50 0.47 0.00	15.41 0.45 0.00	14.99 0.41 0.00	15.17 0.44 0.00	18.26 0.43 0.00	24.30 0.57 0.00	26.52 0.77 0.00	23.66 0.55 0.00	22.17 0.54 0.00	20.69 0.43 0.00	20.54 0.44 0.00	20.79 0.45 0.00	21.73 0.43 0.00	22.10 0.52 0.00	22.73 0.70 0.00	25.61 0.89 0.00	32.40 1.17 -1.22	33.04 1.27 0.00	32.65 1.17 0.00	28.99 1.09 0.00	24.52 0.76 0.00	21.70 0.51 0.00	20.28 0.26 0.00
RIVERBAY____ 323610	18.39 1.14 -0.01	17.12 1.07 -0.01	15.94 0.97 -0.01	15.54 0.95 -0.01	15.75 1.02 -0.01	18.91 1.09 0.00	25.25 1.52 0.00	27.58 1.83 0.00	24.79 1.69 0.01	23.33 1.71 0.01	21.67 1.42 0.01	21.50 1.41 0.01	21.86 1.53 0.01	22.92 1.62 0.00	23.38 1.79 -0.01	24.04 2.03 0.01	27.08 2.35 -0.01	33.70 2.73 -0.95	34.43 2.67 0.01	33.97 2.49 0.00	29.99 2.09 0.00	25.49 1.73 0.00	22.54 1.36 0.00	21.13 1.10 -0.01
RIVERSDE_115KV_TB3 55908	17.60 0.36 0.00	16.49 0.45 0.00	15.40 0.43 0.00	14.99 0.41 0.00	15.16 0.43 0.00	18.20 0.37 0.00	24.23 0.50 0.00	26.47 0.72 0.00	23.62 0.51 0.00	22.11 0.48 0.00	20.63 0.36 0.00	20.48 0.38 0.00	20.75 0.41 0.00	21.67 0.36 0.00	22.03 0.45 0.00	22.67 0.64 0.00	25.56 0.84 0.00	32.35 1.11 -1.22	32.94 1.18 0.00	32.56 1.07 0.00	28.93 1.03 0.00	24.45 0.69 0.00	21.63 0.44 0.00	20.22 0.20 0.00
ROARING___BROOK_WT_PWR 323790	17.26 0.02 0.00	16.05 0.02 0.00	14.99 0.03 0.00	14.61 0.03 0.00	14.76 0.03 0.00	17.88 0.05 0.00	23.80 0.07 0.00	25.82 0.08 0.00	23.18 0.07 0.00	21.70 0.07 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.39 0.04 0.00	21.35 0.04 0.00	21.62 0.04 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.11 0.09 0.00	31.86 0.10 0.00	31.55 0.06 0.00	27.96 0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.02 0.00 0.00
ROCHESRG_115KV_T4 355643	17.64 0.40 0.00	16.31 0.27 0.00	15.22 0.25 0.00	14.89 0.31 0.00	14.85 0.12 0.00	18.06 0.23 0.00	23.80 0.07 0.00	25.36 -0.39 0.00	23.18 0.07 0.00	21.61 -0.02 0.00	20.26 0.00 0.00	20.10 0.00 0.00	20.35 0.00 0.00	21.37 0.06 0.00	21.71 0.13 0.00	22.05 0.02 0.00	24.53 -0.20 0.00	29.76 -0.39 -0.13	31.20 -0.57 0.00	31.01 -0.28 0.19	27.54 -0.36 0.00	23.73 -0.02 0.00	21.15 -0.04 0.00	20.38 0.36 0.00
ROCHESTER_9_IC 23652	17.72 0.48 0.00	16.41 0.37 0.00	15.31 0.34 0.00	14.98 0.39 0.00	14.92 0.19 0.00	18.15 0.32 0.00	23.94 0.21 0.00	25.52 -0.23 0.00	23.34 0.23 0.00	21.76 0.13 0.00	20.38 0.12 0.00	20.22 0.12 0.00	20.47 0.12 0.00	21.50 0.19 0.00	21.86 0.28 0.00	22.20 0.18 0.00	24.70 -0.02 0.00	29.97 -0.18 -0.13	31.42 -0.35 0.00	31.24 -0.06 0.18	27.73 -0.17 0.00	23.90 0.14 0.00	21.27 0.08 0.00	20.50 0.48 0.00
ROCKVIEW_13_KV_LD 356306	18.09 0.84 0.00	16.82 0.79 0.00	15.66 0.70 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.67 0.84 0.00	24.99 1.26 0.00	27.37 1.62 0.00	24.61 1.50 0.00	23.15 1.51 0.00	21.52 1.26 0.00	21.36 1.27 0.00	21.71 1.36 0.00	22.73 1.43 0.00	23.20 1.62 0.00	23.88 1.85 0.00	26.83 2.10 0.00	33.53 2.55 -0.96	34.28 2.51 0.00	33.85 2.36 0.00	29.88 1.98 0.00	25.40 1.64 0.00	22.44 1.25 0.00	20.84 0.82 0.00
ROME____115KV_TB2 80656	17.85 0.60 0.00	16.60 0.56 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.20 0.47 0.00	18.50 0.68 0.00	24.63 0.90 0.00	26.60 0.85 0.00	23.83 0.72 0.00	22.17 0.54 0.00	20.67 0.41 0.00	20.48 0.38 0.00	20.71 0.37 0.00	21.71 0.40 0.00	22.03 0.45 0.00	22.56 0.53 0.00	25.29 0.57 0.00	30.79 0.72 -0.06	32.59 0.83 0.00	32.43 0.94 0.00	28.71 0.81 0.00	24.49 0.74 0.00	21.76 0.57 0.00	20.64 0.62 0.00
ROSETON___1 23587	17.90 0.66 0.00	16.65 0.61 0.00	15.52 0.55 0.00	15.08 0.50 0.00	15.26 0.53 0.00	18.45 0.62 0.00	24.68 0.95 0.00	26.96 1.21 0.00	24.24 1.13 0.00	22.78 1.15 0.00	21.20 0.93 0.00	21.02 0.92 0.00	21.36 1.02 0.00	22.37 1.06 0.00	22.74 1.16 0.00	23.41 1.39 0.00	26.36 1.63 0.00	32.96 1.98 -0.96	33.77 2.00 0.00	33.38 1.89 0.00	29.46 1.56 0.00	25.02 1.26 0.00	22.10 0.91 0.00	20.64 0.62 0.00
ROSETON___2 23588	17.90 0.66 0.00	16.65 0.61 0.00	15.52 0.55 0.00	15.08 0.50 0.00	15.26 0.53 0.00	18.45 0.62 0.00	24.68 0.95 0.00	26.96 1.21 0.00	24.24 1.13 0.00	22.78 1.15 0.00	21.20 0.93 0.00	21.02 0.92 0.00	21.36 1.02 0.00	22.37 1.06 0.00	22.74 1.16 0.00	23.41 1.39 0.00	26.36 1.63 0.00	32.96 1.98 -0.96	33.77 2.00 0.00	33.38 1.89 0.00	29.46 1.56 0.00	25.02 1.26 0.00	22.10 0.91 0.00	20.64 0.62 0.00
ROTTTRDAM_115KV_TB3 80664	17.83 0.59 0.00	16.62 0.58 0.00	15.49 0.52 0.00	15.06 0.48 0.00	15.24 0.52 0.00	18.45 0.62 0.00	24.63 0.90 0.00	26.85 1.11 0.00	24.01 0.90 0.00	22.48 0.84 0.00	20.97 0.71 0.00	20.80 0.70 0.00	21.08 0.73 0.00	22.03 0.72 0.00	22.38 0.80 0.00	22.97 0.95 0.00	25.86 1.14 0.00	32.72 1.44 -1.26	33.29 1.52 0.00	32.97 1.48 0.00	29.30 1.40 0.00	24.83 1.07 0.00	21.97 0.78 0.00	20.60 0.58 0.00
RUSSELL___1 23602	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00

RUSSELL___2 23532	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00
RUSSELL___3 23549	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00
RUSSELL___4 23556	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00
RUSSELL___STATION 23914	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00
S SALMON___HYD 24043	17.50 0.26 0.00	16.26 0.22 0.00	15.17 0.21 0.00	14.80 0.22 0.00	14.92 0.19 0.00	18.13 0.30 0.00	24.16 0.43 0.00	26.08 0.33 0.00	23.48 0.37 0.00	21.83 0.19 0.00	20.38 0.12 0.00	20.24 0.14 0.00	20.43 0.08 0.00	21.43 0.13 0.00	21.69 0.11 0.00	22.16 0.13 0.00	24.85 0.12 0.00	30.17 0.06 -0.09	31.93 0.16 0.00	31.95 0.35 -0.12	28.21 0.31 0.00	24.07 0.31 0.00	21.44 0.26 0.00	20.36 0.34 0.00
S.PERRY___115KV_TB1 80734	18.38 1.14 0.00	16.99 0.95 0.00	15.86 0.90 0.00	15.53 0.95 0.00	15.44 0.71 0.00	18.83 1.00 0.00	24.92 1.19 0.00	26.60 0.85 0.00	24.27 1.16 0.00	22.50 0.87 0.00	21.03 0.77 0.00	20.86 0.76 0.00	21.10 0.75 0.00	22.16 0.85 0.00	22.51 0.93 0.00	22.97 0.95 0.00	25.64 0.91 0.00	31.12 0.93 -0.17	32.82 1.05 0.00	32.90 1.42 0.00	29.02 1.12 0.00	25.02 1.26 0.00	22.21 1.02 0.00	21.28 1.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.91 0.67 0.00	16.54 0.50 0.00	15.41 0.45 0.00	15.11 0.52 0.00	15.02 0.29 0.00	18.26 0.43 0.00	23.83 0.09 0.00	25.03 -0.72 0.00	23.13 0.02 0.00	21.57 -0.06 0.00	20.28 0.02 0.00	20.14 0.04 0.00	20.35 0.00 0.00	21.41 0.11 0.00	21.77 0.19 0.00	22.20 0.18 0.00	24.53 -0.20 0.00	29.50 -0.66 -0.14	30.97 -0.79 0.00	30.92 -0.44 0.12	27.40 -0.50 0.00	23.73 -0.02 0.00	21.13 -0.06 0.00	20.62 0.60 0.00
SAWYER___23_KV_LOAD 55526	17.91 0.67 0.00	16.54 0.50 0.00	15.41 0.45 0.00	15.11 0.52 0.00	15.02 0.29 0.00	18.26 0.43 0.00	23.83 0.09 0.00	25.03 -0.72 0.00	23.13 0.02 0.00	21.57 -0.06 0.00	20.28 0.02 0.00	20.14 0.04 0.00	20.35 0.00 0.00	21.41 0.11 0.00	21.77 0.19 0.00	22.20 0.18 0.00	24.53 -0.20 0.00	29.50 -0.66 -0.14	30.97 -0.79 0.00	30.92 -0.44 0.12	27.40 -0.50 0.00	23.73 -0.02 0.00	21.13 -0.06 0.00	20.62 0.60 0.00
SELKIRK___I 23801	17.74 0.50 0.00	16.60 0.56 0.00	15.49 0.52 0.00	15.06 0.48 0.00	15.21 0.49 0.00	18.34 0.52 0.00	24.44 0.71 0.00	26.62 0.88 0.00	23.80 0.69 0.00	22.26 0.63 0.00	20.79 0.53 0.00	20.62 0.52 0.00	20.90 0.55 0.00	21.84 0.53 0.00	22.18 0.60 0.00	22.84 0.82 0.00	25.74 1.01 0.00	32.53 1.32 -1.20	33.20 1.43 0.00	32.84 1.35 0.00	29.13 1.23 0.00	24.66 0.90 0.00	21.80 0.61 0.00	20.44 0.42 0.00
SELKIRK___II 23799	17.62 0.38 0.00	16.49 0.45 0.00	15.38 0.42 0.00	14.96 0.38 0.00	15.11 0.38 0.00	18.20 0.37 0.00	24.25 0.52 0.00	26.44 0.70 0.00	23.66 0.55 0.00	22.15 0.52 0.00	20.69 0.43 0.00	20.52 0.42 0.00	20.79 0.45 0.00	21.73 0.43 0.00	22.08 0.50 0.00	22.71 0.68 0.00	25.59 0.86 0.00	32.34 1.11 -1.21	32.98 1.21 0.00	32.59 1.10 0.00	28.90 1.00 0.00	24.47 0.71 0.00	21.63 0.45 0.00	20.28 0.26 0.00
SENECA OSWGO___HYD 24041	17.59 0.34 0.00	16.34 0.30 0.00	15.23 0.27 0.00	14.89 0.31 0.00	14.98 0.25 0.00	18.18 0.36 0.00	24.23 0.50 0.00	26.08 0.33 0.00	23.53 0.42 0.00	21.89 0.26 0.00	20.47 0.20 0.00	20.36 0.26 0.00	20.57 0.22 0.00	21.56 0.26 0.00	21.84 0.26 0.00	22.27 0.24 0.00	24.92 0.20 0.00	30.21 0.09 -0.10	31.93 0.16 0.00	31.96 0.31 -0.16	28.18 0.28 0.00	24.04 0.29 0.00	21.42 0.23 0.00	20.48 0.46 0.00
SENECA___115KV_TB3 355854	18.10 0.86 0.00	16.73 0.69 0.00	15.58 0.61 0.00	15.27 0.69 0.00	15.20 0.47 0.00	18.45 0.62 0.00	24.13 0.40 0.00	25.57 -0.18 0.00	23.62 0.51 0.00	21.98 0.35 0.00	20.67 0.41 0.00	20.54 0.44 0.00	20.75 0.41 0.00	21.84 0.53 0.00	22.21 0.63 0.00	22.67 0.64 0.00	25.09 0.37 0.00	29.92 -0.24 -0.15	31.48 -0.29 0.00	31.44 0.06 0.11	27.85 -0.06 0.00	24.09 0.33 0.00	21.42 0.23 0.00	20.86 0.84 0.00
SENECA___ENERGY 23797	17.47 0.22 0.00	16.20 0.16 0.00	15.11 0.15 0.00	14.77 0.19 0.00	14.88 0.15 0.00	18.04 0.21 0.00	23.94 0.21 0.00	25.82 0.08 0.00	23.25 0.14 0.00	21.66 0.02 0.00	20.24 -0.02 0.00	20.10 0.00 0.00	20.33 -0.02 0.00	21.33 0.02 0.00	21.60 0.02 0.00	22.03 0.00 0.00	24.65 -0.07 0.00	29.89 -0.27 -0.14	31.51 -0.26 0.00	31.76 -0.09 -0.36	27.82 -0.08 0.00	23.78 0.02 0.00	21.15 -0.04 0.00	20.20 0.18 0.00
SHOEMAKER___GT 23640	17.83 0.59 0.00	16.57 0.53 0.00	15.44 0.48 0.00	15.02 0.44 0.00	15.19 0.46 0.00	18.38 0.55 0.00	24.56 0.83 0.00	26.80 1.06 0.00	24.08 0.97 0.00	22.61 0.97 0.00	21.07 0.81 0.00	20.90 0.80 0.00	21.22 0.87 0.00	22.20 0.89 0.00	22.57 0.99 0.00	23.22 1.19 0.00	26.13 1.41 0.00	32.58 1.71 -0.85	33.55 1.78 0.00	33.15 1.67 0.00	29.32 1.42 0.00	24.90 1.14 0.00	22.01 0.83 0.00	20.56 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	17.83 0.59 0.00	16.57 0.53 0.00	15.44 0.48 0.00	15.02 0.44 0.00	15.21 0.49 0.00	18.38 0.55 0.00	24.56 0.83 0.00	26.83 1.08 0.00	24.08 0.97 0.00	22.61 0.97 0.00	21.07 0.81 0.00	20.90 0.80 0.00	21.20 0.85 0.00	22.20 0.89 0.00	22.62 1.04 0.00	23.24 1.21 0.00	26.13 1.41 0.00	32.57 1.71 -0.85	33.52 1.75 0.00	33.12 1.64 0.00	29.32 1.42 0.00	24.90 1.14 0.00	22.04 0.85 0.00	20.56 0.54 0.00

SHOREHAM_IC_1 23715	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.48 2.73 0.00	25.79 2.68 0.00	24.28 2.64 -0.01	22.42 2.15 -0.01	22.26 2.15 -0.01	22.67 2.32 -0.01	23.83 2.45 -0.08	24.59 2.61 -0.40	28.62 2.91 -3.68	32.37 3.26 -4.38	46.97 4.02 -12.93	44.68 4.16 -8.75	46.16 4.00 -10.67	44.28 3.43 -12.94	28.74 2.78 -2.21	23.49 2.29 -0.01	21.70 1.68 0.00
SHOREHAM_IC_2 23716	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.85 1.12 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.48 2.73 0.00	25.79 2.68 0.00	24.28 2.64 -0.01	22.42 2.15 -0.01	22.26 2.15 -0.01	22.67 2.32 -0.01	23.83 2.45 -0.08	24.59 2.61 -0.40	28.62 2.91 -3.68	32.37 3.26 -4.38	46.97 4.02 -12.93	44.68 4.16 -8.75	46.16 4.00 -10.67	44.28 3.43 -12.94	28.74 2.78 -2.21	23.49 2.29 -0.01	21.70 1.68 0.00
SISSONVILLE____ 23735	16.86 -0.38 0.00	15.69 -0.35 0.00	14.68 -0.28 0.00	14.32 -0.26 0.00	14.52 -0.21 0.00	17.49 -0.34 0.00	23.11 -0.62 0.00	24.95 -0.80 0.00	22.30 -0.81 0.00	20.81 -0.82 0.00	19.49 -0.77 0.00	19.27 -0.82 0.00	19.43 -0.92 0.00	20.32 -0.98 0.00	20.50 -1.08 0.00	20.95 -1.08 0.00	23.59 -1.14 0.00	28.82 -1.20 0.00	30.66 -1.11 0.00	30.45 -1.04 0.00	27.09 -0.81 0.00	23.35 -0.40 0.00	21.06 -0.13 0.00	19.82 -0.20 0.00
SITHE_IND_GS1 24169	16.98 -0.26 0.00	15.78 -0.26 0.00	14.71 -0.25 0.00	14.36 -0.22 0.00	14.48 -0.25 0.00	17.54 -0.29 0.00	23.30 -0.43 0.00	25.16 -0.59 0.00	22.60 -0.51 0.00	21.11 -0.52 0.00	19.76 -0.51 0.00	19.61 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.34 -0.68 0.00	23.88 -0.84 0.00	29.02 -1.08 0.00	30.63 -1.14 0.00	26.63 -1.07 3.79	26.95 -0.95 0.00	23.00 -0.76 0.00	20.57 -0.62 0.00	19.68 -0.34 0.00
SITHE_IND_GS2 24170	16.98 -0.26 0.00	15.78 -0.26 0.00	14.71 -0.25 0.00	14.36 -0.22 0.00	14.48 -0.25 0.00	17.54 -0.29 0.00	23.30 -0.43 0.00	25.16 -0.59 0.00	22.60 -0.51 0.00	21.11 -0.52 0.00	19.76 -0.51 0.00	19.61 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.34 -0.68 0.00	23.88 -0.84 0.00	29.02 -1.08 0.00	30.63 -1.14 0.00	26.63 -1.07 3.79	26.95 -0.95 0.00	23.00 -0.76 0.00	20.57 -0.62 0.00	19.68 -0.34 0.00
SITHE_IND_GS3 24171	16.98 -0.26 0.00	15.78 -0.26 0.00	14.71 -0.25 0.00	14.36 -0.22 0.00	14.48 -0.25 0.00	17.54 -0.29 0.00	23.30 -0.43 0.00	25.16 -0.59 0.00	22.60 -0.51 0.00	21.11 -0.52 0.00	19.76 -0.51 0.00	19.61 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.34 -0.68 0.00	23.88 -0.84 0.00	29.02 -1.08 0.00	30.63 -1.14 0.00	26.63 -1.07 3.79	26.95 -0.95 0.00	23.00 -0.76 0.00	20.57 -0.62 0.00	19.68 -0.34 0.00
SITHE_IND_GS4 24172	16.98 -0.26 0.00	15.78 -0.26 0.00	14.71 -0.25 0.00	14.36 -0.22 0.00	14.48 -0.25 0.00	17.54 -0.29 0.00	23.30 -0.43 0.00	25.16 -0.59 0.00	22.60 -0.51 0.00	21.11 -0.52 0.00	19.76 -0.51 0.00	19.61 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.02 -0.56 0.00	21.34 -0.68 0.00	23.88 -0.84 0.00	29.02 -1.08 0.00	30.63 -1.14 0.00	26.63 -1.07 3.79	26.95 -0.95 0.00	23.00 -0.76 0.00	20.57 -0.62 0.00	19.68 -0.34 0.00
SITHE____BATAVIA 24024	18.10 0.86 0.00	16.79 0.75 0.00	15.67 0.70 0.00	15.43 0.85 0.00	15.48 0.75 0.00	18.65 0.82 0.00	24.28 0.55 0.00	25.88 0.13 0.00	23.64 0.53 0.00	21.98 0.35 0.00	20.63 0.37 0.00	20.44 0.34 0.00	20.65 0.31 0.00	21.75 0.45 0.00	22.03 0.45 0.00	22.49 0.46 0.00	24.97 0.25 0.00	30.15 0.00 -0.14	31.77 0.00 0.00	31.75 0.41 0.15	28.10 0.20 0.00	24.26 0.50 0.00	21.53 0.34 0.00	20.92 0.90 0.00
SITHE____INDEPEND 23800	16.98 -0.26 0.00	15.78 -0.26 0.00	14.71 -0.25 0.00	14.35 -0.23 0.00	14.45 -0.28 0.00	17.52 -0.30 0.00	23.30 -0.43 0.00	25.10 -0.64 0.00	22.60 -0.51 0.00	21.11 -0.52 0.00	19.76 -0.51 0.00	19.62 -0.48 0.00	19.84 -0.51 0.00	20.79 -0.51 0.00	21.11 -0.47 0.00	21.37 -0.66 0.00	23.88 -0.84 0.00	29.01 -1.08 0.00	30.63 -1.14 0.00	26.63 -1.07 3.79	26.92 -0.98 0.00	23.00 -0.76 0.00	20.53 -0.66 0.00	19.68 -0.34 0.00
SITHE____MASSENA 23902	16.97 -0.28 0.00	15.78 -0.26 0.00	14.75 -0.21 0.00	14.39 -0.19 0.00	14.58 -0.15 0.00	17.61 -0.21 0.00	23.40 -0.33 0.00	25.31 -0.44 0.00	22.67 -0.44 0.00	21.24 -0.39 0.00	19.96 -0.30 0.00	19.76 -0.34 0.00	19.94 -0.41 0.00	20.88 -0.43 0.00	21.15 -0.43 0.00	21.52 -0.51 0.00	24.16 -0.57 0.00	29.44 -0.57 0.00	31.20 -0.57 0.00	30.92 -0.57 0.00	27.48 -0.42 0.00	23.50 -0.26 0.00	21.10 -0.08 0.00	19.90 -0.12 0.00
SITHE____OGDNSBRG 24021	17.07 -0.17 0.00	15.89 -0.14 0.00	14.86 -0.10 0.00	14.49 -0.09 0.00	14.68 -0.04 0.00	17.76 -0.07 0.00	23.54 -0.19 0.00	25.49 -0.26 0.00	22.76 -0.35 0.00	21.27 -0.37 0.00	19.92 -0.34 0.00	19.70 -0.40 0.00	19.84 -0.51 0.00	20.77 -0.53 0.00	20.95 -0.63 0.00	21.43 -0.59 0.00	24.13 -0.59 0.00	29.54 -0.48 0.00	31.39 -0.38 0.00	31.17 -0.31 0.00	27.68 -0.22 0.00	23.73 -0.02 0.00	21.29 0.11 0.00	20.04 0.02 0.00
SITHE____STERLING 23777	17.76 0.52 0.00	16.52 0.48 0.00	15.41 0.45 0.00	15.02 0.44 0.00	15.14 0.41 0.00	18.40 0.57 0.00	24.49 0.76 0.00	26.47 0.72 0.00	23.73 0.62 0.00	22.11 0.48 0.00	20.63 0.37 0.00	20.44 0.34 0.00	20.67 0.32 0.00	21.67 0.36 0.00	21.97 0.39 0.00	22.49 0.46 0.00	25.19 0.47 0.00	30.62 0.54 -0.07	32.40 0.64 0.00	32.24 0.75 0.00	28.54 0.64 0.00	24.33 0.57 0.00	21.63 0.45 0.00	20.54 0.52 0.00
SLEIGHT__34_KV_TB1 80719	17.83 0.59 0.00	16.54 0.50 0.00	15.44 0.48 0.00	15.06 0.48 0.00	15.10 0.37 0.00	18.42 0.59 0.00	24.51 0.78 0.00	26.37 0.62 0.00	23.80 0.69 0.00	22.15 0.52 0.00	20.67 0.41 0.00	20.56 0.46 0.00	20.79 0.45 0.00	21.79 0.49 0.00	22.16 0.58 0.00	22.56 0.53 0.00	25.22 0.49 0.00	30.60 0.45 -0.13	32.31 0.54 0.00	32.48 0.72 -0.26	28.43 0.53 0.00	24.35 0.59 0.00	21.65 0.47 0.00	20.68 0.66 0.00
SOUTH CAIRO____GT 23612	18.07 0.83 0.00	16.90 0.87 0.00	15.81 0.85 0.00	15.37 0.79 0.00	15.52 0.79 0.00	18.67 0.84 0.00	25.04 1.30 0.00	27.27 1.52 0.00	24.22 1.11 0.00	22.54 0.91 0.00	21.01 0.75 0.00	20.82 0.72 0.00	21.04 0.69 0.00	21.97 0.66 0.00	22.34 0.75 0.00	23.11 1.08 0.00	26.13 1.41 0.00	33.09 1.92 -1.15	34.28 2.51 0.00	33.88 2.39 0.00	30.10 2.20 0.00	25.37 1.62 0.00	22.29 1.10 0.00	20.80 0.78 0.00
SOUTH HAMPTN__IC 23720	19.00 1.76 0.00	17.63 1.59 0.00	16.31 1.35 0.00	15.75 1.17 0.00	16.03 1.30 0.00	19.76 1.93 -0.01	26.20 2.47 0.00	28.89 3.14 0.00	26.16 3.05 0.00	24.63 2.99 -0.01	22.76 2.49 -0.01	22.60 2.49 -0.01	23.02 2.66 -0.01	24.19 2.81 -0.08	24.96 2.98 -0.40	29.01 3.30 -3.68	32.84 3.73 -4.38	47.13 4.59 -12.52	44.91 4.73 -8.41	46.38 4.60 -10.30	44.32 3.93 -12.48	29.17 3.21 -2.21	23.80 2.61 -0.01	21.98 1.96 0.00

SOUTHDOW_115KV_TB1 355954	18.76 1.52 0.00	17.26 1.22 0.00	16.11 1.15 0.00	15.76 1.18 0.00	15.72 0.99 0.00	19.08 1.25 0.00	25.08 1.35 0.00	26.70 0.95 0.00	24.70 1.59 0.00	22.93 1.30 0.00	21.56 1.30 0.00	21.42 1.33 0.00	21.65 1.30 0.00	22.77 1.47 0.00	23.13 1.55 0.00	23.66 1.63 0.00	26.28 1.56 0.00	31.26 1.08 -0.16	32.98 1.21 0.00	33.03 1.54 0.00	29.04 1.14 0.00	25.07 1.31 0.00	22.21 1.02 0.00	21.52 1.50 0.00
SOUTHOLD_69_KV_BK 2 55809	19.28 2.03 0.00	17.88 1.84 0.00	16.55 1.59 0.00	16.00 1.41 0.00	16.29 1.56 0.00	20.07 2.25 0.00	26.60 2.87 0.00	29.35 3.60 0.00	26.58 3.47 0.00	25.01 3.37 0.00	23.14 2.88 0.00	22.95 2.85 0.00	23.34 2.99 0.00	24.58 3.20 -0.08	25.42 3.43 -0.40	29.43 3.72 -3.68	33.29 4.18 -4.38	47.73 5.19 -12.52	45.52 5.34 -8.41	46.99 5.20 -10.30	44.80 4.41 -12.49	29.72 3.75 -2.21	24.22 3.03 0.00	22.32 2.30 0.00
SOUTHOLD___IC 23719	19.28 2.03 0.00	17.88 1.84 0.00	16.55 1.59 0.00	15.97 1.39 0.00	16.25 1.52 0.00	20.05 2.21 -0.01	26.60 2.87 0.00	29.30 3.55 0.00	26.58 3.47 0.00	25.02 3.37 -0.01	23.13 2.86 -0.01	22.94 2.83 -0.01	23.39 3.03 -0.01	24.57 3.19 -0.08	25.37 3.39 -0.40	29.43 3.72 -3.68	33.29 4.18 -4.38	47.73 5.19 -12.52	45.55 5.37 -8.41	47.02 5.23 -10.30	44.82 4.44 -12.49	29.60 3.64 -2.21	24.12 2.93 -0.01	22.32 2.30 0.00
SPIERFLS_115KV_TB 1 80737	18.28 1.03 0.00	17.03 0.99 0.00	15.86 0.90 0.00	15.43 0.85 0.00	15.61 0.88 0.00	18.95 1.12 0.00	25.44 1.71 0.00	27.81 2.06 0.00	24.77 1.66 0.00	23.13 1.49 0.00	21.54 1.28 0.00	21.34 1.25 0.00	21.63 1.28 0.00	22.58 1.28 0.00	22.88 1.29 0.00	23.26 1.23 0.00	26.28 1.56 0.00	33.34 2.07 -1.25	34.02 2.26 0.00	33.75 2.27 0.00	30.30 2.40 0.00	25.54 1.78 0.00	22.54 1.36 0.00	21.12 1.10 0.00
ST LAWRENCE____ 23600	16.81 -0.43 0.00	15.64 -0.40 0.00	14.60 -0.36 0.00	14.25 -0.33 0.00	14.42 -0.31 0.00	17.43 -0.39 0.00	23.19 -0.54 0.00	25.13 -0.62 0.00	22.53 -0.58 0.00	21.11 -0.52 0.00	19.86 -0.41 0.00	19.67 -0.42 0.00	19.88 -0.47 0.00	20.82 -0.49 0.00	21.06 -0.52 0.00	21.41 -0.62 0.00	24.06 -0.67 0.00	29.30 -0.72 0.00	31.01 -0.76 0.00	30.70 -0.79 0.00	27.29 -0.61 0.00	23.28 -0.47 0.00	20.89 -0.30 0.00	19.70 -0.32 0.00
STATE_CA_115KV_115_LB 55624	17.60 0.36 0.00	16.52 0.48 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.22 0.39 0.00	24.25 0.52 0.00	26.49 0.75 0.00	23.62 0.51 0.00	22.13 0.50 0.00	20.65 0.38 0.00	20.50 0.40 0.00	20.75 0.41 0.00	21.69 0.38 0.00	22.05 0.47 0.00	22.69 0.66 0.00	25.56 0.84 0.00	32.35 1.11 -1.23	32.98 1.21 0.00	32.59 1.10 0.00	28.96 1.06 0.00	24.47 0.71 0.00	21.65 0.47 0.00	20.24 0.22 0.00
STATE_ST_34_KV_LOAD 55959	17.57 0.33 0.00	16.31 0.27 0.00	15.22 0.25 0.00	14.83 0.25 0.00	14.91 0.18 0.00	18.15 0.32 0.00	24.13 0.40 0.00	26.21 0.46 0.00	23.59 0.49 0.00	21.98 0.35 0.00	20.51 0.24 0.00	20.40 0.30 0.00	20.63 0.28 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.36 0.33 0.00	25.02 0.30 0.00	30.40 0.24 -0.14	32.05 0.29 0.00	32.39 0.44 -0.46	28.26 0.36 0.00	24.16 0.40 0.00	21.51 0.32 0.00	20.34 0.32 0.00
STATION 5_MISC_HYD 23604	17.72 0.48 0.00	16.39 0.35 0.00	15.31 0.34 0.00	15.03 0.45 0.00	15.07 0.34 0.00	18.22 0.39 0.00	23.94 0.21 0.00	25.70 -0.05 0.00	23.34 0.23 0.00	21.76 0.13 0.00	20.41 0.14 0.00	20.22 0.12 0.00	20.47 0.12 0.00	21.50 0.19 0.00	21.77 0.19 0.00	22.18 0.16 0.00	24.70 -0.02 0.00	29.97 -0.18 -0.13	31.48 -0.29 0.00	31.31 0.00 0.18	27.82 -0.08 0.00	23.93 0.17 0.00	21.27 0.09 0.00	20.50 0.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.71 0.47 0.00	16.39 0.35 0.00	15.31 0.34 0.00	14.96 0.38 0.00	14.94 0.21 0.00	18.18 0.36 0.00	24.09 0.36 0.00	25.75 0.00 0.00	23.43 0.32 0.00	21.83 0.19 0.00	20.42 0.16 0.00	20.26 0.16 0.00	20.51 0.16 0.00	21.54 0.23 0.00	21.88 0.30 0.00	22.22 0.20 0.00	24.82 0.10 0.00	30.12 -0.03 -0.14	31.64 -0.13 0.00	31.61 0.13 0.00	27.93 0.03 0.00	23.97 0.21 0.00	21.34 0.15 0.00	20.48 0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.59 0.34 0.00	16.28 0.24 0.00	15.19 0.22 0.00	14.86 0.28 0.00	14.82 0.09 0.00	18.02 0.20 0.00	23.78 0.05 0.00	25.39 -0.36 0.00	23.18 0.07 0.00	21.61 -0.02 0.00	20.26 0.00 0.00	20.08 -0.02 0.00	20.35 0.00 0.00	21.37 0.06 0.00	21.71 0.13 0.00	22.03 0.00 0.00	24.55 -0.17 0.00	29.79 -0.36 -0.13	31.26 -0.51 0.00	31.06 -0.25 0.17	27.57 -0.33 0.00	23.73 -0.02 0.00	21.15 -0.04 0.00	20.36 0.34 0.00
STA_56___34_KV_BUS2 355983	17.59 0.34 0.00	16.28 0.24 0.00	15.19 0.22 0.00	14.86 0.28 0.00	14.82 0.09 0.00	18.02 0.20 0.00	23.78 0.05 0.00	25.39 -0.36 0.00	23.18 0.07 0.00	21.61 -0.02 0.00	20.26 0.00 0.00	20.08 -0.02 0.00	20.35 0.00 0.00	21.37 0.06 0.00	21.71 0.13 0.00	22.03 0.00 0.00	24.55 -0.17 0.00	29.79 -0.36 -0.13	31.26 -0.51 0.00	31.06 -0.25 0.17	27.57 -0.33 0.00	23.73 -0.02 0.00	21.15 -0.04 0.00	20.36 0.34 0.00
STA_67___115KV_BK2 355882	17.69 0.45 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.95 0.36 0.00	14.89 0.16 0.00	18.11 0.29 0.00	23.90 0.17 0.00	25.46 -0.28 0.00	23.27 0.16 0.00	21.70 0.06 0.00	20.34 0.08 0.00	20.16 0.06 0.00	20.43 0.08 0.00	21.45 0.15 0.00	21.80 0.22 0.00	22.14 0.11 0.00	24.62 -0.10 0.00	29.88 -0.27 -0.13	31.36 -0.41 0.00	31.15 -0.16 0.18	27.65 -0.25 0.00	23.83 0.07 0.00	21.23 0.04 0.00	20.46 0.44 0.00
STA_7___115KV_9TRANS 80674	17.81 0.57 0.00	16.47 0.43 0.00	15.37 0.40 0.00	15.03 0.45 0.00	14.98 0.25 0.00	18.22 0.39 0.00	24.04 0.31 0.00	25.64 -0.10 0.00	23.46 0.35 0.00	21.87 0.24 0.00	20.51 0.24 0.00	20.30 0.20 0.00	20.59 0.24 0.00	21.62 0.32 0.00	21.97 0.39 0.00	22.31 0.29 0.00	24.85 0.12 0.00	30.15 0.00 -0.13	31.64 -0.13 0.00	31.43 0.13 0.18	27.90 0.00 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.60 0.58 0.00
STA_82___115KV_TB1 80780	17.71 0.47 0.00	16.38 0.34 0.00	15.28 0.31 0.00	14.95 0.36 0.00	14.91 0.18 0.00	18.13 0.30 0.00	23.90 0.17 0.00	25.46 -0.28 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.45 0.10 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.91 -0.24 -0.13	31.36 -0.41 0.00	31.19 -0.13 0.17	27.68 -0.22 0.00	23.85 0.10 0.00	21.25 0.06 0.00	20.48 0.46 0.00
STEEL___WIND 323596	18.09 0.84 0.00	16.71 0.67 0.00	15.58 0.61 0.00	15.34 0.76 0.00	15.42 0.69 0.00	18.49 0.66 0.00	24.16 0.43 0.00	25.80 0.05 0.00	23.60 0.49 0.00	21.96 0.32 0.00	20.65 0.38 0.00	20.54 0.44 0.00	20.71 0.37 0.00	21.81 0.51 0.00	22.12 0.54 0.00	22.62 0.59 0.00	25.07 0.35 0.00	29.89 -0.27 -0.15	31.55 -0.22 0.00	31.54 0.16 0.11	27.87 -0.03 0.00	24.09 0.33 0.00	21.36 0.17 0.00	20.84 0.82 0.00

STEPHTWN_115KV_BK_2 55603	17.72 0.48 0.00	16.63 0.59 0.00	15.52 0.55 0.00	15.09 0.51 0.00	15.26 0.53 0.00	18.33 0.50 0.00	24.44 0.71 0.00	26.73 0.98 0.00	23.80 0.69 0.00	22.26 0.63 0.00	20.77 0.51 0.00	20.62 0.52 0.00	20.85 0.51 0.00	21.79 0.49 0.00	22.16 0.58 0.00	22.82 0.79 0.00	25.74 1.01 0.00	32.58 1.35 -1.22	33.23 1.46 0.00	32.87 1.39 0.00	29.21 1.31 0.00	24.66 0.90 0.00	21.80 0.61 0.00	20.38 0.36 0.00
STEBEN_REC_LFGE 323667	18.38 1.14 0.00	16.97 0.93 0.00	15.83 0.87 0.00	15.50 0.92 0.00	15.47 0.74 0.00	18.86 1.03 0.00	24.92 1.19 0.00	26.55 0.80 0.00	24.20 1.09 0.00	22.46 0.82 0.00	21.03 0.77 0.00	20.92 0.82 0.00	21.14 0.79 0.00	22.22 0.92 0.00	22.59 1.01 0.00	23.11 1.08 0.00	25.76 1.04 0.00	30.98 0.75 -0.21	32.63 0.86 0.00	32.65 1.17 0.00	28.85 0.95 0.00	24.83 1.07 0.00	22.04 0.85 0.00	21.20 1.18 0.00
STONY__BROOK 24151	18.71 1.46 0.00	17.37 1.33 0.00	16.07 1.11 0.00	15.53 0.95 0.00	15.80 1.07 0.00	19.42 1.59 -0.01	25.82 2.09 0.00	28.38 2.63 0.00	25.72 2.61 0.00	24.22 2.57 -0.01	22.42 2.15 -0.01	22.26 2.15 -0.01	22.65 2.30 -0.01	23.79 2.41 -0.08	24.53 2.55 -0.40	28.55 2.84 -3.68	32.35 3.24 -4.39	49.50 3.90 -15.58	46.71 4.00 -10.94	48.39 3.84 -13.06	47.19 3.35 -15.94	28.70 2.73 -2.21	23.44 2.24 -0.01	21.62 1.60 0.00
STURGEON_POOL_HYD 23609	18.02 0.78 0.00	16.70 0.66 0.00	15.55 0.58 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.85 1.12 0.00	27.09 1.34 0.00	24.33 1.22 0.00	22.87 1.23 0.00	21.28 1.01 0.00	21.10 1.00 0.00	21.40 1.06 0.00	22.39 1.09 0.00	22.85 1.27 0.00	23.52 1.50 0.00	26.45 1.73 0.00	32.94 1.92 -1.00	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.23 1.04 0.00	20.74 0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.90 0.66 0.00	16.63 0.59 0.00	15.49 0.52 0.00	15.08 0.50 0.00	15.27 0.54 0.00	18.45 0.62 0.00	24.66 0.93 0.00	26.93 1.18 0.00	24.17 1.06 0.00	22.72 1.08 0.00	21.15 0.89 0.00	20.98 0.88 0.00	21.30 0.96 0.00	22.31 1.00 0.00	22.72 1.14 0.00	23.37 1.34 0.00	26.28 1.56 0.00	32.82 1.92 -0.88	33.68 1.91 0.00	33.28 1.79 0.00	29.44 1.53 0.00	24.99 1.24 0.00	22.10 0.91 0.00	20.62 0.60 0.00
SWANROAD_115KV_TB1 355699	17.57 0.33 0.00	16.38 0.34 0.00	15.11 0.15 0.00	14.96 0.38 0.00	14.86 0.13 0.00	18.06 0.23 0.00	23.35 -0.38 0.00	24.51 -1.24 0.00	22.69 -0.42 0.00	21.16 -0.48 0.00	19.90 -0.36 0.00	19.76 -0.34 0.00	19.96 -0.39 0.00	21.01 -0.30 0.00	21.34 -0.24 0.00	21.76 -0.26 0.00	24.03 -0.69 0.00	28.83 -1.32 -0.14	30.24 -1.52 0.00	30.19 -1.17 0.13	26.76 -1.14 0.00	23.21 -0.55 0.00	20.68 -0.51 0.00	20.24 0.22 0.00
SYNERGY__BIOGAS 323694	18.10 0.86 0.00	16.79 0.75 0.00	15.67 0.70 0.00	15.43 0.85 0.00	15.48 0.75 0.00	18.65 0.82 0.00	24.28 0.55 0.00	25.88 0.13 0.00	23.64 0.53 0.00	21.98 0.35 0.00	20.63 0.37 0.00	20.44 0.34 0.00	20.65 0.31 0.00	21.75 0.45 0.00	22.03 0.45 0.00	22.49 0.46 0.00	24.97 0.25 0.00	30.15 0.00 -0.14	31.77 0.00 0.00	31.75 0.41 0.15	28.10 0.20 0.00	24.26 0.50 0.00	21.53 0.34 0.00	20.92 0.90 0.00
SYRACUSE__ENERGY_ST1 323597	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
SYRACUSE__ENERGY_ST2 323598	17.47 0.22 0.00	16.22 0.18 0.00	15.13 0.16 0.00	14.76 0.17 0.00	14.83 0.10 0.00	18.02 0.20 0.00	23.99 0.26 0.00	25.85 0.10 0.00	23.29 0.18 0.00	21.72 0.09 0.00	20.30 0.04 0.00	20.18 0.08 0.00	20.41 0.06 0.00	21.39 0.09 0.00	21.73 0.15 0.00	22.09 0.07 0.00	24.70 -0.02 0.00	29.95 -0.18 -0.12	31.61 -0.16 0.00	31.84 -0.03 -0.38	27.85 -0.06 0.00	23.81 0.05 0.00	21.19 0.00 0.00	20.26 0.24 0.00
SYRACUSE__POWER 24017	17.36 0.12 0.00	16.12 0.08 0.00	15.04 0.07 0.00	14.67 0.09 0.00	14.76 0.03 0.00	17.92 0.09 0.00	23.85 0.12 0.00	25.72 -0.03 0.00	23.20 0.09 0.00	21.63 0.00 0.00	20.22 -0.04 0.00	20.10 0.00 0.00	20.33 -0.02 0.00	21.30 0.00 0.00	21.64 0.06 0.00	22.00 -0.02 0.00	24.60 -0.12 0.00	29.81 -0.33 -0.12	31.45 -0.32 0.00	31.52 -0.22 -0.25	27.71 -0.20 0.00	23.69 -0.07 0.00	21.10 -0.08 0.00	20.14 0.12 0.00
TALLMAN__138KV_BK151 55660	17.98 0.74 0.00	16.71 0.67 0.00	15.56 0.60 0.00	15.15 0.57 0.00	15.36 0.63 0.00	18.56 0.73 0.00	24.80 1.07 0.00	27.14 1.39 0.00	24.36 1.25 0.00	22.91 1.28 0.00	21.32 1.05 0.00	21.16 1.07 0.00	21.51 1.16 0.00	22.52 1.21 0.00	22.96 1.38 0.00	23.61 1.59 0.00	26.58 1.85 0.00	33.18 2.25 -0.91	33.99 2.22 0.00	33.57 2.08 0.00	29.66 1.76 0.00	25.18 1.43 0.00	22.27 1.08 0.00	20.72 0.70 0.00
TEALLAVE_115KV_TB7 355573	17.31 0.07 0.00	16.07 0.03 0.00	14.99 0.03 0.00	14.63 0.04 0.00	14.70 -0.03 0.00	17.86 0.04 0.00	23.78 0.05 0.00	25.62 -0.13 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.50 -0.22 0.00	29.67 -0.45 -0.10	31.32 -0.44 0.00	31.31 -0.35 -0.17	27.62 -0.28 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00
TELGRAPH_34_KV_EAST 80808	17.91 0.67 0.00	16.62 0.58 0.00	15.43 0.46 0.00	15.19 0.61 0.00	15.10 0.37 0.00	18.34 0.52 0.00	23.90 0.17 0.00	25.18 -0.57 0.00	23.27 0.16 0.00	21.68 0.04 0.00	20.36 0.10 0.00	20.20 0.10 0.00	20.43 0.08 0.00	21.50 0.19 0.00	21.84 0.26 0.00	22.27 0.24 0.00	24.65 -0.07 0.00	29.64 -0.51 -0.14	31.10 -0.67 0.00	31.06 -0.28 0.14	27.51 -0.39 0.00	23.83 0.07 0.00	21.21 0.02 0.00	20.66 0.64 0.00
TEMPLE__115KV_TB 2 55572	17.31 0.07 0.00	16.07 0.03 0.00	14.99 0.03 0.00	14.63 0.04 0.00	14.71 -0.01 0.00	17.86 0.04 0.00	23.78 0.05 0.00	25.62 -0.13 0.00	23.13 0.02 0.00	21.59 -0.04 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.94 -0.09 0.00	24.50 -0.22 0.00	29.67 -0.45 -0.11	31.32 -0.44 0.00	31.32 -0.35 -0.18	27.59 -0.31 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.12 0.10 0.00
TIANA__69_KV_BK 1 55817	18.93 1.69 0.00	17.56 1.52 0.00	16.25 1.29 0.00	15.72 1.14 0.00	16.01 1.28 0.00	19.70 1.87 0.00	26.11 2.37 0.00	28.84 3.09 0.00	26.07 2.96 0.00	24.53 2.90 0.00	22.72 2.45 0.00	22.53 2.43 0.00	22.91 2.56 0.00	24.11 2.73 -0.08	24.92 2.93 -0.40	28.90 3.19 -3.68	32.69 3.58 -4.38	46.95 4.41 -12.52	44.69 4.51 -8.41	46.17 4.38 -10.30	44.12 3.74 -12.49	29.17 3.21 -2.21	23.78 2.59 0.00	21.88 1.86 0.00

TILDEN___115KV_TB1 80814	17.36 0.12 0.00	16.12 0.08 0.00	15.04 0.07 0.00	14.67 0.09 0.00	14.76 0.03 0.00	17.92 0.09 0.00	23.85 0.12 0.00	25.72 -0.03 0.00	23.20 0.09 0.00	21.63 0.00 0.00	20.22 -0.04 0.00	20.10 0.00 0.00	20.33 -0.02 0.00	21.30 0.00 0.00	21.64 0.06 0.00	22.00 -0.02 0.00	24.60 -0.12 0.00	29.81 -0.33 -0.12	31.45 -0.32 0.00	31.52 -0.22 -0.25	27.71 -0.20 0.00	23.69 -0.07 0.00	21.10 -0.08 0.00	20.14 0.12 0.00
TRIGEN___CC 323695	18.31 1.07 0.00	17.00 0.96 0.00	15.78 0.82 0.00	15.30 0.71 0.00	15.57 0.84 0.00	18.97 1.14 0.00	25.27 1.54 0.00	27.68 1.93 0.00	25.00 1.89 0.00	23.52 1.88 0.00	21.84 1.58 0.00	21.69 1.59 0.00	22.03 1.69 0.00	23.08 1.70 -0.07	23.86 1.88 -0.40	27.80 2.09 -3.68	31.48 2.37 -4.38	36.29 2.88 -3.40	35.55 2.89 -0.89	36.27 2.74 -2.04	32.38 2.32 -2.17	27.91 1.95 -2.21	22.78 1.59 0.00	21.14 1.12 0.00
TRINITY___115KV__4 BK 55933	17.55 0.31 0.00	16.47 0.43 0.00	15.38 0.42 0.00	14.96 0.38 0.00	15.13 0.40 0.00	18.17 0.34 0.00	24.16 0.43 0.00	26.39 0.64 0.00	23.55 0.44 0.00	22.07 0.43 0.00	20.59 0.32 0.00	20.44 0.34 0.00	20.69 0.35 0.00	21.62 0.32 0.00	21.99 0.41 0.00	22.62 0.59 0.00	25.49 0.77 0.00	32.26 1.02 -1.22	32.85 1.08 0.00	32.46 0.98 0.00	28.85 0.95 0.00	24.40 0.64 0.00	21.57 0.38 0.00	20.16 0.14 0.00
UNION___PROCESSING_DRP 323587	17.71 0.47 0.00	16.39 0.35 0.00	15.29 0.33 0.00	14.96 0.38 0.00	14.91 0.18 0.00	18.13 0.30 0.00	23.92 0.19 0.00	25.49 -0.26 0.00	23.32 0.21 0.00	21.74 0.11 0.00	20.36 0.10 0.00	20.18 0.08 0.00	20.45 0.10 0.00	21.47 0.17 0.00	21.82 0.24 0.00	22.16 0.13 0.00	24.65 -0.07 0.00	29.91 -0.24 -0.13	31.39 -0.38 0.00	31.22 -0.09 0.17	27.71 -0.20 0.00	23.85 0.10 0.00	21.25 0.06 0.00	20.48 0.46 0.00
UPPER HUDSON___HYD 24058	18.28 1.03 0.00	17.03 0.99 0.00	15.86 0.90 0.00	15.43 0.85 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.44 1.71 0.00	27.76 2.01 0.00	24.77 1.66 0.00	23.13 1.49 0.00	21.56 1.30 0.00	21.34 1.25 0.00	21.63 1.28 0.00	22.58 1.28 0.00	22.83 1.25 0.00	23.26 1.23 0.00	26.28 1.56 0.00	33.34 2.07 -1.25	34.06 2.29 0.00	33.76 2.27 0.00	30.30 2.40 0.00	25.54 1.78 0.00	22.50 1.31 0.00	21.12 1.10 0.00
UPPER RAQUET___HYD 24056	16.86 -0.38 0.00	15.69 -0.35 0.00	14.68 -0.28 0.00	14.32 -0.26 0.00	14.51 -0.22 0.00	17.49 -0.34 0.00	23.11 -0.62 0.00	24.95 -0.80 0.00	22.30 -0.81 0.00	20.81 -0.82 0.00	19.49 -0.77 0.00	19.27 -0.82 0.00	19.43 -0.92 0.00	20.32 -0.98 0.00	20.61 -0.97 0.00	20.99 -1.03 0.00	23.59 -1.14 0.00	28.81 -1.20 0.00	30.56 -1.21 0.00	30.32 -1.16 0.00	27.09 -0.81 0.00	23.35 -0.40 0.00	21.06 -0.13 0.00	19.82 -0.20 0.00
VALLEY44_115KV_TB2 355964	18.09 0.84 0.00	16.65 0.61 0.00	15.55 0.58 0.00	15.24 0.66 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.21 0.47 0.00	25.72 -0.03 0.00	23.71 0.60 0.00	22.04 0.41 0.00	20.69 0.43 0.00	20.58 0.48 0.00	20.83 0.49 0.00	21.92 0.62 0.00	22.29 0.71 0.00	22.78 0.75 0.00	25.32 0.59 0.00	29.97 -0.21 -0.17	31.83 0.06 0.00	31.87 0.38 0.00	28.10 0.20 0.00	24.26 0.50 0.00	21.51 0.32 0.00	20.82 0.80 0.00
VALLEY___115KV_TB 1-4 80826	17.52 0.28 0.00	16.31 0.27 0.00	15.22 0.25 0.00	14.82 0.23 0.00	14.96 0.24 0.00	18.13 0.30 0.00	24.13 0.40 0.00	26.08 0.33 0.00	23.39 0.28 0.00	21.89 0.26 0.00	20.47 0.20 0.00	20.30 0.20 0.00	20.55 0.20 0.00	21.52 0.21 0.00	21.82 0.24 0.00	22.29 0.26 0.00	24.97 0.25 0.00	30.35 0.33 0.00	32.09 0.32 0.00	31.83 0.35 0.00	28.18 0.28 0.00	24.04 0.29 0.00	21.40 0.21 0.00	20.30 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.19 0.95 0.00	16.95 0.91 0.00	15.81 0.85 0.00	15.37 0.79 0.00	15.52 0.80 0.00	18.88 1.05 0.00	25.15 1.42 0.00	27.47 1.73 0.00	24.59 1.48 0.00	22.93 1.30 0.00	21.30 1.03 0.00	21.10 1.00 0.00	21.36 1.02 0.00	22.41 1.11 0.00	22.81 1.23 0.00	23.48 1.45 0.00	26.38 1.66 0.00	32.56 2.07 -0.47	33.96 2.19 0.00	33.86 2.27 -0.11	29.88 1.98 0.00	25.40 1.64 0.00	22.46 1.27 0.00	21.02 1.00 0.00
VISCHER___FERRY HYD 24020	17.85 0.60 0.00	16.65 0.61 0.00	15.50 0.54 0.00	15.08 0.50 0.00	15.24 0.52 0.00	18.45 0.62 0.00	24.63 0.90 0.00	26.83 1.08 0.00	23.99 0.88 0.00	22.46 0.82 0.00	20.95 0.69 0.00	20.76 0.66 0.00	21.06 0.71 0.00	21.99 0.68 0.00	22.31 0.73 0.00	22.97 0.95 0.00	25.89 1.16 0.00	32.78 1.53 -1.23	33.45 1.68 0.00	33.09 1.60 0.00	29.38 1.48 0.00	24.83 1.07 0.00	21.93 0.74 0.00	20.56 0.54 0.00
V_A_10_SYNC_DSASP 323832	17.64 0.40 0.00	16.29 0.26 0.00	15.19 0.22 0.00	14.96 0.38 0.00	15.02 0.29 0.00	18.08 0.25 0.00	23.61 -0.12 0.00	25.18 -0.57 0.00	22.92 -0.19 0.00	21.40 -0.24 0.00	20.10 -0.16 0.00	19.96 -0.14 0.00	20.14 -0.20 0.00	21.20 -0.11 0.00	21.47 -0.11 0.00	21.92 -0.11 0.00	24.28 -0.44 0.00	29.33 -0.84 -0.15	30.75 -1.02 0.00	30.61 -0.69 0.18	27.20 -0.70 0.00	23.50 -0.26 0.00	20.91 -0.28 0.00	20.34 0.32 0.00
V_CMM_10_SYNC_DSASP 323787	16.86 -0.38 0.00	15.69 -0.35 0.00	14.66 -0.30 0.00	14.30 -0.28 0.00	14.48 -0.25 0.00	17.51 -0.32 0.00	23.28 -0.45 0.00	25.21 -0.54 0.00	22.60 -0.51 0.00	21.18 -0.46 0.00	19.92 -0.34 0.00	19.74 -0.36 0.00	19.94 -0.41 0.00	20.86 -0.45 0.00	21.13 -0.45 0.00	21.48 -0.55 0.00	24.13 -0.59 0.00	29.38 -0.63 0.00	31.10 -0.67 0.00	30.82 -0.66 0.00	27.37 -0.53 0.00	23.35 -0.40 0.00	20.98 -0.21 0.00	19.76 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	17.33 0.09 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.79 0.20 0.00	15.01 0.28 0.00	18.17 0.34 0.00	23.87 0.14 0.00	25.95 0.21 0.00	23.32 0.21 0.00	21.94 0.30 0.00	20.61 0.34 0.00	20.36 0.26 0.00	20.49 0.14 0.00	21.45 0.15 0.00	21.75 0.17 0.00	22.09 0.07 0.00	24.82 0.10 0.00	30.32 0.30 0.00	32.15 0.38 0.00	31.87 0.38 0.00	28.65 0.75 0.00	24.47 0.71 0.00	21.95 0.76 0.00	20.60 0.58 0.00
V_E_10_SYNC_DSASP 323830	18.81 1.57 0.00	17.51 1.47 0.00	16.35 1.39 0.00	15.90 1.31 0.00	16.03 1.30 0.00	19.58 1.75 0.00	26.08 2.35 0.00	28.24 2.50 0.00	25.14 2.03 0.00	23.21 1.58 0.00	21.48 1.22 0.00	21.26 1.17 0.00	21.46 1.12 0.00	22.56 1.26 0.00	22.90 1.32 0.00	23.75 1.72 0.00	26.65 1.93 0.00	32.77 2.43 -0.32	34.57 2.80 0.00	34.83 3.12 -0.22	30.58 2.68 0.00	26.04 2.28 0.00	22.97 1.78 0.00	21.72 1.70 0.00
V_F_30_NSYNC___DSASP 323816	18.10 0.86 0.00	16.87 0.83 0.00	15.72 0.76 0.00	15.28 0.70 0.00	15.45 0.72 0.00	18.74 0.91 0.00	25.11 1.38 0.00	27.34 1.60 0.00	24.43 1.32 0.00	22.84 1.21 0.00	21.30 1.03 0.00	21.10 1.00 0.00	21.40 1.06 0.00	22.35 1.04 0.00	22.66 1.08 0.00	23.28 1.25 0.00	26.23 1.51 0.00	33.25 1.98 -1.25	33.96 2.19 0.00	33.63 2.14 0.00	29.94 2.04 0.00	25.30 1.54 0.00	22.33 1.14 0.00	20.92 0.90 0.00

V_F_30_SYNC_DSASP 323786	17.60 0.36 0.00	16.52 0.48 0.00	15.43 0.46 0.00	15.01 0.42 0.00	15.17 0.44 0.00	18.22 0.39 0.00	24.25 0.52 0.00	26.49 0.75 0.00	23.62 0.51 0.00	22.13 0.50 0.00	20.65 0.38 0.00	20.50 0.40 0.00	20.75 0.41 0.00	21.69 0.38 0.00	22.05 0.47 0.00	22.69 0.66 0.00	25.56 0.84 0.00	32.35 1.11 -1.23	32.98 1.21 0.00	32.59 1.10 0.00	28.96 1.06 0.00	24.47 0.71 0.00	21.65 0.47 0.00	20.24 0.22 0.00
V_XM_10_SYNC_DSASP 323789	17.33 0.09 0.00	16.14 0.10 0.00	15.13 0.16 0.00	14.79 0.20 0.00	15.01 0.28 0.00	18.17 0.34 0.00	23.87 0.14 0.00	25.95 0.21 0.00	23.32 0.21 0.00	21.94 0.30 0.00	20.61 0.34 0.00	20.36 0.26 0.00	20.49 0.14 0.00	21.45 0.15 0.00	21.75 0.17 0.00	22.09 0.07 0.00	24.82 0.10 0.00	30.32 0.30 0.00	32.15 0.38 0.00	31.87 0.38 0.00	28.65 0.75 0.00	24.47 0.71 0.00	21.95 0.76 0.00	20.60 0.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.04 0.79 0.00	16.74 0.71 0.00	15.61 0.64 0.00	15.18 0.60 0.00	15.41 0.68 0.00	18.59 0.77 0.00	24.87 1.14 0.00	27.22 1.47 0.00	24.43 1.32 0.00	22.97 1.34 0.00	21.38 1.11 0.00	21.20 1.11 0.00	21.55 1.20 0.00	22.56 1.26 0.00	23.00 1.42 0.00	23.68 1.65 0.00	26.63 1.90 0.00	33.27 2.34 -0.92	34.09 2.32 0.00	33.69 2.20 0.00	29.77 1.87 0.00	25.28 1.52 0.00	22.31 1.12 0.00	20.76 0.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.07 0.83 0.00	16.81 0.77 0.00	15.65 0.69 0.00	15.24 0.66 0.00	15.47 0.74 0.00	18.65 0.82 0.00	24.96 1.23 0.00	27.42 1.67 0.00	24.66 1.55 0.00	23.23 1.60 0.00	21.60 1.34 0.00	21.42 1.33 0.00	21.77 1.42 0.00	22.82 1.51 0.00	23.26 1.68 0.00	23.94 1.92 0.00	26.95 2.23 0.00	33.59 2.61 -0.96	34.22 2.45 0.00	33.75 2.27 0.00	29.80 1.90 0.00	25.35 1.59 0.00	22.42 1.23 0.00	20.84 0.82 0.00
W50THST__13_KV_LOAD 356117	18.12 0.88 0.00	16.86 0.82 0.00	15.69 0.73 0.00	15.28 0.70 0.00	15.51 0.78 0.00	18.72 0.89 0.00	25.06 1.33 0.00	27.52 1.78 0.00	24.77 1.66 0.00	23.36 1.73 0.00	21.72 1.46 0.00	21.54 1.45 0.00	21.91 1.57 0.00	22.97 1.66 0.00	23.41 1.83 0.00	24.07 2.05 0.00	27.10 2.37 0.00	33.77 2.79 -0.96	34.34 2.57 0.00	33.91 2.42 0.00	29.91 2.01 0.00	25.42 1.66 0.00	22.48 1.29 0.00	20.90 0.88 0.00
WADING RIVER_IC_1 23522	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.86 1.13 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.51 2.76 0.00	25.81 2.70 0.00	24.30 2.66 -0.01	22.46 2.19 -0.01	22.28 2.17 -0.01	22.71 2.36 -0.01	23.85 2.47 -0.08	24.62 2.63 -0.40	28.64 2.93 -3.68	32.40 3.29 -4.38	46.56 4.05 -12.50	44.32 4.16 -8.39	45.80 4.03 -10.28	43.79 3.43 -12.45	28.77 2.80 -2.21	23.51 2.31 -0.01	21.70 1.68 0.00
WADING RIVER_IC_2 23547	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.86 1.13 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.51 2.76 0.00	25.81 2.70 0.00	24.30 2.66 -0.01	22.46 2.19 -0.01	22.28 2.17 -0.01	22.71 2.36 -0.01	23.85 2.47 -0.08	24.62 2.63 -0.40	28.64 2.93 -3.68	32.40 3.29 -4.38	46.56 4.05 -12.50	44.32 4.16 -8.39	45.80 4.03 -10.28	43.79 3.43 -12.45	28.77 2.80 -2.21	23.51 2.31 -0.01	21.70 1.68 0.00
WADING RIVER_IC_3 23601	18.80 1.55 0.00	17.43 1.39 0.00	16.13 1.17 0.00	15.59 1.01 0.00	15.86 1.13 0.00	19.51 1.68 -0.01	25.89 2.16 0.00	28.51 2.76 0.00	25.81 2.70 0.00	24.30 2.66 -0.01	22.46 2.19 -0.01	22.28 2.17 -0.01	22.71 2.36 -0.01	23.85 2.47 -0.08	24.62 2.63 -0.40	28.64 2.93 -3.68	32.40 3.29 -4.38	46.56 4.05 -12.50	44.32 4.16 -8.39	45.80 4.03 -10.28	43.79 3.43 -12.45	28.77 2.80 -2.21	23.51 2.31 -0.01	21.70 1.68 0.00
WALDENNY_12_KV_BK2 80841	18.07 0.83 0.00	16.71 0.67 0.00	15.55 0.58 0.00	15.27 0.69 0.00	15.19 0.46 0.00	18.43 0.61 0.00	24.09 0.36 0.00	25.49 -0.26 0.00	23.55 0.44 0.00	21.94 0.30 0.00	20.63 0.36 0.00	20.50 0.40 0.00	20.71 0.37 0.00	21.79 0.49 0.00	22.14 0.56 0.00	22.62 0.59 0.00	25.05 0.32 0.00	29.86 -0.30 -0.15	31.42 -0.35 0.00	31.38 0.00 0.11	27.76 -0.14 0.00	24.04 0.29 0.00	21.38 0.19 0.00	20.82 0.80 0.00
WALDEN__HYDRO 24148	18.02 0.78 0.00	16.73 0.69 0.00	15.59 0.63 0.00	15.15 0.57 0.00	15.33 0.60 0.00	18.54 0.71 0.00	24.85 1.12 0.00	27.09 1.34 0.00	24.33 1.22 0.00	22.82 1.19 0.00	21.24 0.97 0.00	21.08 0.98 0.00	21.40 1.06 0.00	22.41 1.11 0.00	22.81 1.23 0.00	23.50 1.48 0.00	26.48 1.76 0.00	33.14 2.19 -0.93	34.09 2.32 0.00	33.69 2.20 0.00	29.71 1.81 0.00	25.23 1.47 0.00	22.25 1.06 0.00	20.74 0.72 0.00
WARRENSBURG____ 23737	18.28 1.03 0.00	17.03 0.99 0.00	15.86 0.90 0.00	15.43 0.85 0.00	15.58 0.85 0.00	18.93 1.11 0.00	25.44 1.71 0.00	27.76 2.01 0.00	24.77 1.66 0.00	23.13 1.49 0.00	21.56 1.30 0.00	21.34 1.25 0.00	21.63 1.28 0.00	22.58 1.28 0.00	22.83 1.25 0.00	23.26 1.23 0.00	26.28 1.56 0.00	33.34 2.07 -1.25	34.06 2.29 0.00	33.76 2.27 0.00	30.30 2.40 0.00	25.54 1.78 0.00	22.50 1.31 0.00	21.12 1.10 0.00
WATERSIDE____6 8 9 23538	18.15 0.90 -0.01	16.88 0.83 -0.01	15.72 0.75 -0.01	15.30 0.71 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	24.99 1.26 0.00	27.47 1.73 0.00	24.71 1.59 -0.01	29.35 1.62 -6.09	21.63 1.36 -0.01	21.45 1.35 -0.01	21.82 1.46 -0.01	23.20 1.53 -0.37	29.37 1.70 -6.09	29.45 1.94 -5.48	31.50 2.25 -4.52	33.63 2.64 -0.97	34.32 2.54 -0.01	33.88 2.39 0.00	29.88 1.98 0.00	25.42 1.66 0.00	22.46 1.27 0.00	20.91 0.88 -0.01
WATKINRD_115KV_LN8_ILLION 55919	17.47 0.22 0.00	16.25 0.21 0.00	15.16 0.19 0.00	14.76 0.17 0.00	14.91 0.18 0.00	18.06 0.23 0.00	24.06 0.33 0.00	26.03 0.28 0.00	23.34 0.23 0.00	21.85 0.22 0.00	20.42 0.16 0.00	20.26 0.16 0.00	20.51 0.16 0.00	21.47 0.17 0.00	21.77 0.19 0.00	22.25 0.22 0.00	24.95 0.22 0.00	30.32 0.30 0.00	32.05 0.29 0.00	31.80 0.31 0.00	28.15 0.25 0.00	24.00 0.24 0.00	21.36 0.17 0.00	20.22 0.20 0.00
WATSON____69_KV_BK 1 55734	18.80 1.55 0.00	17.44 1.40 0.00	16.15 1.18 0.00	15.62 1.04 0.00	15.91 1.18 0.00	19.52 1.69 0.00	25.94 2.21 0.00	28.45 2.70 0.00	25.75 2.63 0.00	24.23 2.60 0.00	22.45 2.19 0.00	22.27 2.17 0.00	22.65 2.30 0.00	23.81 2.43 -0.08	24.60 2.61 -0.40	28.59 2.89 -3.68	32.40 3.29 -4.38	42.15 4.05 -8.08	40.62 4.10 -4.76	41.74 3.97 -6.28	38.74 3.38 -7.47	28.82 2.85 -2.21	23.54 2.35 0.00	21.74 1.72 0.00
WDELAWARE__HYD 323627	17.83 0.59 0.00	16.52 0.48 0.00	15.40 0.43 0.00	14.96 0.38 0.00	15.14 0.41 0.00	18.33 0.50 0.00	24.61 0.88 0.00	26.85 1.11 0.00	24.10 0.99 0.00	22.58 0.95 0.00	20.99 0.73 0.00	20.84 0.74 0.00	20.63 0.28 0.00	21.60 0.30 0.00	21.99 0.41 0.00	22.69 0.66 0.00	25.51 0.79 0.00	31.91 1.05 -0.85	32.88 1.11 0.00	32.52 1.04 0.00	29.38 1.48 0.00	24.95 1.19 0.00	22.01 0.83 0.00	20.54 0.52 0.00

WEST BABYLON___IC 23714	18.69 1.45 0.00	17.36 1.32 0.00	16.07 1.11 0.00	15.54 0.96 0.00	15.83 1.10 0.00	19.42 1.59 0.00	25.80 2.06 0.00	28.30 2.55 0.00	25.58 2.47 0.00	24.10 2.47 0.00	22.33 2.07 0.00	22.17 2.07 0.00	22.52 2.18 0.00	23.66 2.28 -0.08	24.44 2.46 -0.40	28.44 2.73 -3.68	32.20 3.09 -4.38	38.46 3.78 -4.66	37.55 3.84 -1.94	38.36 3.68 -3.19	34.65 3.15 -3.60	28.63 2.66 -2.21	23.39 2.20 0.00	21.62 1.60 0.00
WEST CANADA___HYD 24049	17.31 0.07 0.00	16.10 0.06 0.00	15.02 0.06 0.00	14.64 0.06 0.00	14.79 0.06 0.00	17.90 0.07 0.00	23.83 0.10 0.00	25.85 0.10 0.00	23.18 0.07 0.00	21.70 0.07 0.00	20.30 0.04 0.00	20.14 0.04 0.00	20.41 0.06 0.00	21.35 0.04 0.00	21.65 0.06 0.00	22.09 0.07 0.00	24.80 0.07 0.00	30.14 0.12 0.00	31.90 0.13 0.00	31.58 0.09 0.00	27.98 0.08 0.00	23.83 0.07 0.00	21.21 0.02 0.00	20.06 0.04 0.00
WESTERN_NY_WIND 24143	18.10 0.86 0.00	16.78 0.74 0.00	15.67 0.70 0.00	15.43 0.85 0.00	15.48 0.75 0.00	18.63 0.80 0.00	24.25 0.52 0.00	25.85 0.10 0.00	23.62 0.51 0.00	21.96 0.32 0.00	20.61 0.34 0.00	20.42 0.32 0.00	20.63 0.28 0.00	21.73 0.43 0.00	22.01 0.43 0.00	22.49 0.46 0.00	24.95 0.22 0.00	30.12 -0.03 -0.14	31.71 -0.06 0.00	31.69 0.35 0.15	28.04 0.14 0.00	24.23 0.47 0.00	21.51 0.32 0.00	20.90 0.88 0.00
WESTOVER___LESR 323668	17.74 0.50 0.00	16.46 0.42 0.00	15.35 0.39 0.00	14.98 0.39 0.00	15.07 0.34 0.00	18.29 0.46 0.00	24.30 0.57 0.00	26.24 0.49 0.00	23.66 0.55 0.00	22.07 0.43 0.00	20.61 0.34 0.00	20.48 0.38 0.00	20.73 0.39 0.00	21.75 0.45 0.00	22.10 0.52 0.00	22.58 0.55 0.00	25.29 0.57 0.00	30.84 0.51 -0.32	32.34 0.57 0.00	32.37 0.66 -0.22	28.46 0.56 0.00	24.33 0.57 0.00	21.59 0.40 0.00	20.50 0.48 0.00
WETHRSFD_WT_PWR 323626	17.98 0.74 0.00	16.62 0.58 0.00	15.50 0.54 0.00	15.24 0.66 0.00	15.32 0.59 0.00	18.43 0.61 0.00	24.13 0.40 0.00	25.85 0.10 0.00	23.53 0.42 0.00	21.91 0.28 0.00	20.57 0.30 0.00	20.46 0.36 0.00	20.65 0.31 0.00	21.73 0.43 0.00	22.03 0.45 0.00	22.55 0.53 0.00	25.04 0.32 0.00	30.01 -0.18 -0.17	31.64 -0.13 0.00	31.68 0.19 0.00	27.96 0.06 0.00	24.09 0.33 0.00	21.36 0.17 0.00	20.72 0.70 0.00
WHAVSTOR_138KV_BK127 55557	17.97 0.72 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.36 1.25 0.00	22.89 1.25 0.00	21.32 1.05 0.00	21.14 1.05 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.59 1.56 0.00	26.55 1.83 0.00	33.16 2.22 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.25 1.06 0.00	20.70 0.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.97 0.72 0.00	16.70 0.66 0.00	15.56 0.60 0.00	15.14 0.55 0.00	15.35 0.62 0.00	18.54 0.71 0.00	24.80 1.07 0.00	27.11 1.36 0.00	24.36 1.25 0.00	22.89 1.25 0.00	21.32 1.05 0.00	21.14 1.05 0.00	21.49 1.14 0.00	22.50 1.19 0.00	22.94 1.36 0.00	23.59 1.56 0.00	26.55 1.83 0.00	33.16 2.22 -0.92	33.96 2.19 0.00	33.53 2.05 0.00	29.63 1.73 0.00	25.16 1.40 0.00	22.25 1.06 0.00	20.70 0.68 0.00
WHITEHAL_115KV_TB1 80871	18.55 1.31 0.00	17.27 1.23 0.00	16.10 1.14 0.00	15.65 1.06 0.00	15.82 1.09 0.00	19.25 1.43 0.00	25.94 2.21 0.00	28.45 2.70 0.00	25.28 2.17 0.00	23.56 1.93 0.00	21.94 1.68 0.00	21.73 1.63 0.00	21.97 1.63 0.00	22.92 1.62 0.00	23.20 1.62 0.00	23.68 1.65 0.00	26.78 2.05 0.00	34.03 2.76 -1.25	34.76 2.99 0.00	34.51 3.02 0.00	31.08 3.18 0.00	26.13 2.38 0.00	22.99 1.80 0.00	21.46 1.44 0.00
WHITEPLN_13_KV_LOAD 356215	18.14 0.90 0.00	16.87 0.83 0.00	15.71 0.75 0.00	15.28 0.70 0.00	15.49 0.77 0.00	18.70 0.87 0.00	25.08 1.35 0.00	27.40 1.65 0.00	24.59 1.48 0.00	23.13 1.49 0.00	21.52 1.26 0.00	21.34 1.25 0.00	21.69 1.34 0.00	22.73 1.43 0.00	23.20 1.62 0.00	23.85 1.83 0.00	26.83 2.10 0.00	33.50 2.52 -0.96	34.28 2.51 0.00	33.88 2.39 0.00	29.88 1.98 0.00	25.42 1.66 0.00	22.44 1.25 0.00	20.90 0.88 0.00
WM_FLOYD_69_KV_BK2 356380	18.76 1.52 0.00	17.42 1.38 0.00	16.12 1.15 0.00	15.59 1.01 0.00	15.88 1.15 0.00	19.52 1.69 0.00	25.87 2.14 0.00	28.45 2.70 0.00	25.72 2.61 0.00	24.19 2.55 0.00	22.39 2.13 0.00	22.21 2.11 0.00	22.59 2.24 0.00	23.75 2.36 -0.08	24.55 2.57 -0.40	28.53 2.82 -3.68	32.32 3.21 -4.38	46.63 3.93 -12.68	44.35 4.03 -8.54	45.80 3.87 -10.44	43.88 3.32 -12.66	28.77 2.80 -2.21	23.50 2.31 0.00	21.68 1.66 0.00
WOODARD___115KV_TB2 355635	17.29 0.05 0.00	16.05 0.02 0.00	14.98 0.01 0.00	14.61 0.03 0.00	14.70 -0.03 0.00	17.85 0.02 0.00	23.75 0.02 0.00	25.59 -0.15 0.00	23.13 0.02 0.00	21.57 -0.06 0.00	20.18 -0.08 0.00	20.06 -0.04 0.00	20.28 -0.06 0.00	21.26 -0.04 0.00	21.60 0.02 0.00	21.92 -0.11 0.00	24.50 -0.22 0.00	29.70 -0.42 -0.11	31.36 -0.41 0.00	31.38 -0.31 -0.20	27.62 -0.28 0.00	23.62 -0.14 0.00	21.04 -0.15 0.00	20.10 0.08 0.00
YORK___WARBASSE 23770	18.18 0.93 -0.01	16.91 0.87 -0.01	15.73 0.76 -0.01	15.32 0.73 -0.01	15.53 0.80 -0.01	18.68 0.86 0.00	25.01 1.28 0.00	27.50 1.75 0.00	24.76 1.64 -0.01	30.41 1.71 -7.06	21.69 1.42 -0.01	21.53 1.43 -0.01	21.88 1.53 -0.01	23.35 1.62 -0.42	30.43 1.79 -7.06	30.41 2.03 -6.36	32.34 2.37 -5.24	33.78 2.79 -0.97	34.48 2.70 -0.01	34.01 2.52 0.00	29.97 2.06 0.00	25.47 1.71 0.00	22.48 1.29 0.00	20.99 0.96 -0.01