

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		12/25/2023																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	24.21	22.19	21.12	20.62	20.40	21.24	23.14	23.00	25.21	24.79	24.69	24.39	23.76	23.68	23.82	25.72	28.63	32.74	29.41	26.76	25.36	24.98	22.58	20.81			
		0.84	0.83	0.67	0.79	0.73	0.72	0.87	0.95	1.09	1.14	1.20	1.18	1.17	1.17	1.16	1.25	1.39	1.65	1.53	1.51	1.44	1.46	1.26	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		24.26	22.19	21.29	20.64	20.43	21.26	23.14	23.02	25.23	24.81	24.69	24.41	23.78	23.71	23.85	25.72	28.64	32.87	29.41	26.76	25.38	24.97	22.64	20.85			
		0.89	0.83	0.84	0.81	0.77	0.74	0.87	0.97	1.11	1.16	1.20	1.21	1.20	1.19	1.18	1.25	1.39	1.77	1.53	1.51	1.46	1.46	1.32	1.16			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		24.26	22.19	21.29	20.64	20.43	21.26	23.14	23.02	25.23	24.81	24.69	24.41	23.78	23.71	23.85	25.72	28.64	32.87	29.41	26.76	25.38	24.97	22.64	20.85			
		0.89	0.83	0.84	0.81	0.77	0.74	0.87	0.97	1.11	1.16	1.20	1.21	1.20	1.19	1.18	1.25	1.39	1.77	1.53	1.51	1.46	1.46	1.32	1.16			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		24.47	22.34	21.39	20.76	20.59	21.53	23.29	23.07	25.33	24.81	24.60	24.27	23.58	23.48	23.69	25.67	28.69	32.80	29.38	26.61	25.22	24.83	22.45	20.67			
		1.10	0.98	0.94	0.93	0.92	1.01	1.02	1.01	1.21	1.16	1.10	1.07	0.99	0.97	1.02	1.20	1.44	1.71	1.51	1.36	1.29	1.32	1.13	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		24.61	22.46	21.49	20.86	20.69	21.65	23.43	23.20	25.47	24.95	24.74	24.39	23.72	23.59	23.80	25.81	28.85	32.96	29.58	26.79	25.38	24.98	22.54	20.77			
		1.24	1.11	1.04	1.03	1.02	1.13	1.16	1.15	1.35	1.30	1.24	1.18	1.13	1.08	1.13	1.34	1.61	1.87	1.70	1.54	1.46	1.46	1.21	1.08			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		24.47	22.34	21.39	20.76	20.59	21.53	23.29	23.07	25.33	24.81	24.60	24.27	23.58	23.48	23.69	25.67	28.69	32.80	29.38	26.61	25.22	24.83	22.45	20.67			
		1.10	0.98	0.94	0.93	0.92	1.01	1.02	1.01	1.21	1.16	1.10	1.07	0.99	0.97	1.02	1.20	1.44	1.71	1.51	1.36	1.29	1.32	1.13	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527		24.05	21.97	20.96	20.40	20.20	21.22	22.96	22.69	25.04	24.60	24.44	24.14	23.42	23.39	23.53	25.42	28.28	32.37	28.96	26.26	24.74	24.48	22.07	20.36			
		0.68	0.62	0.51	0.58	0.53	0.70	0.69	0.64	0.92	0.95	0.94	0.93	0.84	0.88	0.86	0.95	1.04	1.28	1.09	1.01	0.81	0.96	0.75	0.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		23.56	21.55	20.67	20.08	19.92	20.79	22.51	22.32	24.29	23.84	23.66	23.39	22.77	22.71	22.85	24.64	27.35	31.28	27.99	25.45	24.12	23.82	21.62	19.96			
		0.19	0.19	0.22	0.26	0.26	0.27	0.24	0.26	0.17	0.19	0.16	0.19	0.18	0.20	0.18	0.17	0.11	0.19	0.11	0.20	0.19	0.31	0.30	0.28			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		23.56	21.50	20.59	19.96	19.81	20.65	22.38	22.16	24.24	23.80	23.66	23.35	22.72	22.65	22.78	24.59	27.38	31.28	28.02	25.35	24.02	23.59	21.37	19.73			
		0.19	0.15	0.14	0.14	0.14	0.12	0.11	0.11	0.12	0.14	0.16	0.14	0.14	0.14	0.11	0.12	0.14	0.19	0.14	0.10	0.10	0.07	0.04	0.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833		24.05	21.99	21.04	20.44	20.28	21.18	22.94	22.69	24.79	24.29	24.10	23.81	23.17	23.12	23.28	25.15	27.98	31.96	28.66	26.00	24.64	24.29	21.98	20.32			
		0.68	0.64	0.59	0.62	0.61	0.66	0.67	0.64	0.67	0.64	0.61	0.60	0.59	0.61	0.61	0.68	0.74	0.87	0.78	0.76	0.72	0.77	0.66	0.63			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834		24.05	21.97	21.04	20.44	20.28	21.16	22.94	22.69	24.79	24.29	24.10	23.81	23.17	23.12	23.28	25.15	27.95	31.93	28.63	25.98	24.64	24.29	21.98	20.30			
		0.68	0.62	0.59	0.62	0.61	0.64	0.67	0.64	0.67	0.64	0.61	0.60	0.59	0.61	0.61	0.68	0.71	0.84	0.75	0.73	0.72	0.77	0.66	0.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571		23.56	21.55	20.67	20.08	19.92	20.79	22.51	22.32	24.29	23.84	23.66	23.39	22.77	22.71	22.85	24.64	27.35	31.28	27.99	25.45	24.12	23.82	21.62	19.96			
		0.19	0.19	0.22	0.26	0.26	0.27	0.24	0.26	0.17	0.19	0.16	0.19	0.18	0.20	0.18	0.17	0.11	0.19	0.11	0.20	0.19	0.31	0.30	0.28			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	23.56 0.19 0.00	21.55 0.19 0.00	20.67 0.22 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.79 0.27 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.35 0.11 0.00	31.28 0.19 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.12 0.19 0.00	23.82 0.31 0.00	21.62 0.30 0.00	19.96 0.28 0.00
ALBANY___3 23573	23.56 0.19 0.00	21.55 0.19 0.00	20.67 0.22 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.79 0.27 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.35 0.11 0.00	31.28 0.19 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.12 0.19 0.00	23.82 0.31 0.00	21.62 0.30 0.00	19.96 0.28 0.00
ALBANY___4 23574	23.56 0.19 0.00	21.55 0.19 0.00	20.67 0.22 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.79 0.27 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.35 0.11 0.00	31.28 0.19 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.12 0.19 0.00	23.82 0.31 0.00	21.62 0.30 0.00	19.96 0.28 0.00
ALBANY___LFGE 323615	23.72 0.35 0.00	21.69 0.34 0.00	20.76 0.31 0.00	20.20 0.38 0.00	20.04 0.37 0.00	20.93 0.41 0.00	22.69 0.42 0.00	22.47 0.42 0.00	24.50 0.38 0.00	24.06 0.40 0.00	23.87 0.37 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.53 0.44 0.00	28.27 0.39 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.03 0.52 0.00	21.75 0.43 0.00	20.10 0.41 0.00
ALCOA_PA_115KV_PL-6C 55860	23.70 0.33 0.00	21.65 0.30 0.00	20.74 0.29 0.00	20.08 0.26 0.00	19.94 0.28 0.00	20.77 0.25 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.41 0.29 0.00	23.94 0.28 0.00	23.80 0.31 0.00	23.48 0.28 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.70 0.19 0.00	21.47 0.15 0.00	19.85 0.16 0.00
ALCOA_RYNLDS___DRP 24188	23.70 0.33 0.00	21.65 0.30 0.00	20.74 0.29 0.00	20.08 0.26 0.00	19.94 0.28 0.00	20.77 0.25 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.41 0.29 0.00	23.94 0.28 0.00	23.80 0.31 0.00	23.48 0.28 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.70 0.19 0.00	21.47 0.15 0.00	19.85 0.16 0.00
ALCOA___DSASP 323711	23.70 0.33 0.00	21.65 0.30 0.00	20.71 0.27 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.77 0.25 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.41 0.29 0.00	23.94 0.28 0.00	23.80 0.30 0.00	23.49 0.28 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.70 0.19 0.00	21.47 0.15 0.00	19.85 0.16 0.00
ALLEGHENY___COGEN 23514	23.86 0.49 0.00	21.69 0.34 0.00	21.04 0.59 0.00	20.10 0.28 0.00	20.08 0.41 0.00	20.89 0.37 0.00	22.76 0.49 0.00	22.41 0.35 0.00	24.46 0.34 0.00	23.89 0.24 0.00	23.61 0.12 0.00	23.39 0.18 0.00	22.75 0.16 0.00	22.63 0.11 0.00	22.83 0.16 0.00	24.64 0.17 0.00	27.55 0.30 0.00	31.37 0.28 0.00	28.18 0.31 0.00	25.32 0.08 0.00	24.09 0.17 0.00	23.33 -0.19 0.00	21.32 0.00 0.00	19.69 0.00 0.00
ALTAMONT_115KV_TB 2 55880	23.74 0.37 0.00	21.72 0.36 0.00	20.80 0.35 0.00	20.18 0.36 0.00	20.02 0.35 0.00	20.89 0.37 0.00	22.67 0.40 0.00	22.45 0.40 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.02 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.74 0.49 0.00	31.72 0.62 0.00	28.41 0.53 0.00	25.78 0.53 0.00	24.40 0.48 0.00	24.06 0.54 0.00	21.81 0.49 0.00	20.12 0.43 0.00
ALTONA_WT_PWR 323606	24.16 0.80 0.00	22.08 0.73 0.00	21.14 0.70 0.00	20.48 0.65 0.00	20.32 0.65 0.00	21.18 0.66 0.00	22.98 0.71 0.00	22.78 0.73 0.00	24.89 0.77 0.00	24.41 0.76 0.00	24.27 0.77 0.00	23.95 0.74 0.00	23.31 0.72 0.00	23.25 0.74 0.00	23.37 0.70 0.00	25.23 0.76 0.00	28.12 0.87 0.00	32.09 0.99 0.00	28.71 0.84 0.00	25.93 0.68 0.00	24.52 0.60 0.00	24.06 0.54 0.00	21.77 0.45 0.00	20.08 0.39 0.00
AMERICAN_REF_FUEL 24010	21.97 -1.40 0.00	20.05 -1.30 0.00	19.63 -0.82 0.00	18.70 -1.13 0.00	18.62 -1.04 0.00	19.36 -1.17 0.00	21.04 -1.22 0.00	20.47 -1.59 0.00	22.34 -1.78 0.00	21.83 -1.82 0.00	21.59 -1.90 0.00	21.47 -1.74 0.00	20.89 -1.69 0.00	20.78 -1.73 0.00	20.99 -1.68 0.00	22.59 -1.88 0.00	25.07 -2.18 0.00	28.42 -2.67 0.00	25.62 -2.26 0.00	22.97 -2.27 0.00	21.99 -1.94 0.00	21.21 -2.30 0.00	19.64 -1.68 0.00	18.27 -1.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.18 -0.19 0.00	21.10 -0.26 0.00	20.53 0.08 0.00	19.55 -0.28 0.00	19.53 -0.14 0.00	20.30 -0.23 0.00	22.11 -0.15 0.00	21.55 -0.51 0.00	23.54 -0.58 0.00	22.97 -0.69 0.00	22.72 -0.77 0.00	22.63 -0.58 0.00	22.09 -0.50 0.00	22.00 -0.52 0.00	22.21 -0.45 0.00	23.83 -0.64 0.00	26.37 -0.87 0.00	29.82 -1.28 0.00	26.76 -1.12 0.00	23.96 -1.29 0.00	22.80 -1.12 0.00	21.99 -1.53 0.00	20.17 -1.15 0.00	18.82 -0.87 0.00
ARTHUR KILL_GT_1 23520	24.43 1.05 -0.01	22.32 0.96 -0.01	21.28 0.82 -0.01	20.76 0.93 -0.01	20.54 0.86 -0.01	21.30 0.78 0.00	23.18 0.91 0.00	23.05 0.99 0.00	25.23 1.11 0.00	24.84 1.18 0.00	24.74 1.24 0.00	24.46 1.25 0.00	23.85 1.26 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.77 1.52 0.00	32.93 1.83 0.00	29.58 1.70 0.00	26.91 1.64 -0.02	25.53 1.60 0.00	25.14 1.62 0.00	22.74 1.41 -0.01	20.94 1.24 -0.01
ARTHUR_KILL_2 23512	24.36 0.98 -0.01	22.28 0.92 -0.01	21.23 0.78 -0.01	20.70 0.87 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.16 1.04 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.41 1.21 0.00	23.78 1.20 0.00	23.70 1.19 0.00	23.84 1.18 0.00	25.72 1.25 0.00	28.69 1.44 0.00	32.83 1.74 0.00	29.49 1.62 0.00	26.83 1.57 -0.02	25.43 1.51 0.00	25.07 1.55 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ARTHUR_KILL_3 23513	23.98 0.61 0.00	21.97 0.62 0.00	20.92 0.47 0.00	20.42 0.59 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.89 0.62 0.00	22.78 0.73 0.00	24.96 0.84 0.00	24.55 0.90 0.00	24.46 0.96 0.00	24.16 0.95 0.00	23.56 0.97 0.00	23.46 0.95 0.00	23.62 0.95 0.00	25.47 1.00 0.00	28.36 1.12 0.00	32.43 1.34 0.00	29.13 1.26 0.00	26.52 1.26 -0.01	25.14 1.22 0.00	24.74 1.22 0.00	22.39 1.07 0.00	20.63 0.95 0.00

ARTHUR_KILL_COGEN 323718	24.43 1.05 -0.01	22.32 0.96 -0.01	21.28 0.82 -0.01	20.76 0.93 -0.01	20.54 0.86 -0.01	21.30 0.78 0.00	23.18 0.91 0.00	23.05 0.99 0.00	25.23 1.11 0.00	24.84 1.18 0.00	24.74 1.24 0.00	24.46 1.25 0.00	23.85 1.26 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.77 1.52 0.00	32.93 1.83 0.00	29.58 1.70 0.00	26.91 1.64 -0.02	25.53 1.60 0.00	25.14 1.62 0.00	22.74 1.41 -0.01	20.94 1.24 -0.01
ASHOKAN____ 23654	24.47 1.10 0.00	22.32 0.96 0.00	21.33 0.88 0.00	20.76 0.93 0.00	20.53 0.86 0.00	21.37 0.84 0.00	23.09 0.82 0.00	22.89 0.84 0.00	25.01 0.89 0.00	24.50 0.85 0.00	24.32 0.82 0.00	24.00 0.79 0.00	23.33 0.74 0.00	23.28 0.77 0.00	23.48 0.81 0.00	25.47 1.00 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.10 1.23 0.00	26.33 1.08 0.00	24.98 1.05 0.00	24.65 1.13 0.00	22.24 0.92 0.00	20.58 0.89 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.24 0.87 -0.01	22.26 0.90 -0.01	21.21 0.76 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.86 0.82 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.49 1.25 0.01	32.55 1.46 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.82 1.32 0.01	22.61 1.28 -0.01	20.88 1.18 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.24 0.87 -0.01	22.24 0.88 -0.01	21.21 0.76 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.86 0.82 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.49 1.25 0.01	32.55 1.46 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.82 1.32 0.01	22.63 1.30 -0.01	20.90 1.20 -0.01
ASTORIA_GT2_1 24094	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT2_2 24095	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT2_3 24096	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT2_4 24097	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT3_1 24098	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT3_2 24099	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT3_3 24100	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT3_4 24101	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT4_1 24102	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT4_2 24103	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT4_3 24104	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01

ASTORIA_GT4_4 24105	24.27 0.89 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.68 1.59 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.83 1.32 0.00	22.70 1.36 -0.01	20.90 1.20 -0.01
ASTORIA_GT_1 23523	24.29 0.91 -0.01	22.28 0.92 -0.01	21.25 0.80 -0.01	20.70 0.87 -0.01	20.48 0.81 -0.01	21.28 0.76 0.00	23.03 0.76 0.00	22.90 0.86 0.01	25.12 1.01 0.01	24.71 1.07 0.01	24.61 1.13 0.01	24.33 1.14 0.01	23.71 1.13 0.01	23.63 1.13 0.01	23.77 1.11 0.01	25.64 1.17 0.01	28.55 1.31 0.01	32.64 1.55 0.01	29.32 1.45 0.01	26.68 1.44 0.01	25.30 1.39 0.01	24.87 1.36 0.01	22.65 1.32 -0.01	20.92 1.22 -0.01
ASTORIA_GT_10 24110	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ASTORIA_GT_11 24225	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ASTORIA_GT_12 24226	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ASTORIA_GT_13 24227	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ASTORIA_GT_5 24106	24.29 0.91 -0.01	22.28 0.92 -0.01	21.36 0.90 -0.01	20.71 0.87 -0.01	20.50 0.83 -0.01	21.28 0.76 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.62 1.13 0.00	24.34 1.14 0.00	23.72 1.13 0.00	23.64 1.13 0.00	23.78 1.11 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.33 1.45 0.00	26.69 1.44 0.00	25.31 1.39 0.00	24.88 1.36 0.00	22.72 1.39 -0.01	20.94 1.24 -0.01
ASTORIA_GT_7 24107	24.29 0.91 -0.01	22.28 0.92 -0.01	21.36 0.90 -0.01	20.71 0.87 -0.01	20.50 0.83 -0.01	21.28 0.76 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.62 1.13 0.00	24.34 1.14 0.00	23.72 1.13 0.00	23.64 1.13 0.00	23.78 1.11 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.33 1.45 0.00	26.69 1.44 0.00	25.31 1.39 0.00	24.88 1.36 0.00	22.72 1.39 -0.01	20.94 1.24 -0.01
ASTORIA_GT_8 24108	24.29 0.91 -0.01	22.28 0.92 -0.01	21.36 0.90 -0.01	20.71 0.87 -0.01	20.50 0.83 -0.01	21.28 0.76 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.62 1.13 0.00	24.34 1.14 0.00	23.72 1.13 0.00	23.64 1.13 0.00	23.78 1.11 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.33 1.45 0.00	26.69 1.44 0.00	25.31 1.39 0.00	24.88 1.36 0.00	22.72 1.39 -0.01	20.94 1.24 -0.01
ASTORIA___2 24149	24.27 0.89 -0.01	22.26 0.90 -0.01	21.23 0.78 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	22.98 0.71 0.00	22.88 0.84 0.01	25.08 0.97 0.01	24.68 1.04 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.68 1.11 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.52 1.28 0.01	32.58 1.49 0.01	29.29 1.42 0.01	26.65 1.41 0.01	25.25 1.34 0.01	24.85 1.34 0.01	22.63 1.30 -0.01	20.90 1.20 -0.01
ASTORIA___3 23516	24.29 0.91 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.71 1.62 0.00	29.38 1.50 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
ASTORIA___4 23517	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
ASTORIA___5 23518	24.29 0.91 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.71 1.62 0.00	29.38 1.50 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
AST_ENERGY_2_CC3 323677	24.07 0.70 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	22.98 0.71 0.00	22.87 0.82 0.00	25.04 0.92 0.00	24.62 0.97 0.00	24.53 1.03 0.00	24.23 1.02 0.00	23.63 1.04 0.00	23.53 1.01 0.00	23.69 1.02 0.00	25.52 1.05 0.00	28.42 1.17 0.00	32.49 1.40 0.00	29.19 1.31 0.00	26.56 1.31 0.00	25.19 1.27 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.73 1.04 0.00
AST_ENERGY_2_CC4 323678	24.07 0.70 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	22.98 0.71 0.00	22.87 0.82 0.00	25.04 0.92 0.00	24.62 0.97 0.00	24.53 1.03 0.00	24.23 1.02 0.00	23.63 1.04 0.00	23.53 1.01 0.00	23.69 1.02 0.00	25.52 1.05 0.00	28.42 1.17 0.00	32.49 1.40 0.00	29.19 1.31 0.00	26.56 1.31 0.00	25.19 1.27 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.73 1.04 0.00

ATHENS_STG_1 23668	23.81 0.44 0.00	21.78 0.43 0.00	20.80 0.35 0.00	20.22 0.40 0.00	20.04 0.37 0.00	20.93 0.41 0.00	22.71 0.45 0.00	22.52 0.46 0.00	24.70 0.58 0.00	24.24 0.59 0.00	24.08 0.59 0.00	23.81 0.60 0.00	23.17 0.59 0.00	23.10 0.58 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.63 0.75 0.00	25.98 0.73 0.00	24.62 0.69 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00
ATHENS_STG_2 23670	23.81 0.44 0.00	21.78 0.43 0.00	20.80 0.35 0.00	20.22 0.40 0.00	20.04 0.37 0.00	20.93 0.41 0.00	22.71 0.45 0.00	22.52 0.46 0.00	24.70 0.58 0.00	24.24 0.59 0.00	24.08 0.59 0.00	23.81 0.60 0.00	23.17 0.59 0.00	23.10 0.58 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.63 0.75 0.00	25.98 0.73 0.00	24.62 0.69 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00
ATHENS_STG_3 23677	23.81 0.44 0.00	21.78 0.43 0.00	20.80 0.35 0.00	20.22 0.40 0.00	20.04 0.37 0.00	20.93 0.41 0.00	22.71 0.45 0.00	22.52 0.46 0.00	24.70 0.58 0.00	24.24 0.59 0.00	24.08 0.59 0.00	23.81 0.60 0.00	23.17 0.59 0.00	23.10 0.58 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.63 0.75 0.00	25.98 0.73 0.00	24.62 0.69 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00
AUBURN___LFGE 323710	23.16 -0.21 0.00	21.14 -0.21 0.00	20.22 -0.22 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.09 -0.18 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.39 -0.26 0.00	23.21 -0.28 0.00	22.95 -0.26 0.00	22.32 -0.27 0.00	22.22 -0.29 0.00	22.39 -0.27 0.00	24.15 -0.32 0.00	26.95 -0.30 0.00	30.69 -0.40 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.14 -0.38 0.00	20.98 -0.34 0.00	19.39 -0.30 0.00
BABYLON_RES_REC 323704	33.78 1.47 -8.94	26.20 1.37 -3.48	21.83 1.25 -0.13	21.09 1.27 0.00	20.87 1.20 0.00	21.78 1.25 0.00	23.69 1.43 0.00	25.45 1.48 -1.92	29.98 1.69 -4.17	30.78 1.70 -5.42	29.91 1.76 -4.65	30.10 1.74 -5.15	29.84 1.72 -5.54	30.72 1.71 -6.50	32.73 1.70 -8.36	34.29 1.86 -7.96	35.69 2.04 -6.40	40.19 2.43 -6.67	36.14 2.18 -6.09	34.88 2.07 -7.57	33.49 1.94 -7.63	33.49 1.95 -8.02	28.63 1.73 -5.58	25.00 1.56 -3.76
BABYLON__69_KV_BK2 356345	34.04 1.73 -8.94	26.46 1.62 -3.48	22.17 1.60 -0.13	21.33 1.51 0.00	21.12 1.46 0.00	21.96 1.44 0.00	23.94 1.67 0.00	25.69 1.72 -1.92	30.27 1.98 -4.17	31.06 1.99 -5.42	30.16 2.02 -4.65	30.35 2.00 -5.15	30.09 1.97 -5.54	30.99 1.98 -6.50	33.00 1.97 -8.36	34.56 2.13 -7.96	36.02 2.37 -6.40	40.62 2.86 -6.67	36.48 2.51 -6.09	35.19 2.37 -7.57	33.76 2.20 -7.63	33.73 2.19 -8.02	28.88 1.98 -5.58	25.24 1.79 -3.76
BALL_HILL_WT_PWR 323825	22.88 -0.49 0.00	20.86 -0.49 0.00	20.35 -0.10 0.00	19.35 -0.48 0.00	19.33 -0.33 0.00	20.11 -0.41 0.00	21.89 -0.38 0.00	21.33 -0.73 0.00	23.28 -0.84 0.00	22.73 -0.92 0.00	22.51 -0.99 0.00	22.37 -0.83 0.00	21.80 -0.79 0.00	21.68 -0.83 0.00	21.90 -0.77 0.00	23.54 -0.93 0.00	26.13 -1.12 0.00	29.63 -1.46 0.00	26.71 -1.17 0.00	23.99 -1.26 0.00	22.87 -1.05 0.00	22.08 -1.44 0.00	20.32 -1.00 0.00	18.92 -0.77 0.00
BARON_WINDS___WT_PWR 323822	23.21 -0.16 0.00	21.16 -0.19 0.00	20.49 0.04 0.00	19.61 -0.22 0.00	19.57 -0.10 0.00	20.36 -0.16 0.00	22.14 -0.13 0.00	21.68 -0.38 0.00	23.69 -0.43 0.00	23.16 -0.50 0.00	22.91 -0.59 0.00	22.72 -0.49 0.00	22.13 -0.45 0.00	22.02 -0.50 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.65 -0.60 0.00	30.32 -0.78 0.00	27.24 -0.64 0.00	24.49 -0.76 0.00	23.28 -0.64 0.00	22.58 -0.94 0.00	20.62 -0.70 0.00	19.14 -0.55 0.00
BARRETT_IC_1 23704	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_10 23701	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_11 23702	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_12 23703	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_2 23705	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_3 23706	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_4 23707	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76

BARRETT_IC_5 23708	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_6 23709	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_7 23710	33.38 1.08 -8.94	25.86 1.02 -3.48	21.60 1.02 -0.13	20.80 0.97 0.00	20.57 0.90 0.00	21.43 0.90 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.43 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.66 1.90 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.35 1.45 -5.58	24.73 1.28 -3.76
BARRETT_IC_8 23711	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT_IC_9 23700	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT___1 23545	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BARRETT___2 23546	33.38 1.08 -8.94	25.86 1.02 -3.48	21.48 0.90 -0.13	20.78 0.95 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.34 1.07 0.00	25.12 1.15 -1.92	29.59 1.30 -4.17	30.42 1.35 -5.42	29.51 1.36 -4.65	29.70 1.35 -5.15	29.48 1.36 -5.54	30.34 1.33 -6.50	32.37 1.34 -8.36	33.85 1.42 -7.96	35.20 1.55 -6.40	39.57 1.80 -6.67	35.70 1.73 -6.09	34.48 1.67 -7.57	33.16 1.60 -7.63	33.16 1.62 -8.02	28.31 1.41 -5.58	24.71 1.26 -3.76
BATAVIA___115KV_TB1 55881	22.86 -0.51 0.00	20.82 -0.53 0.00	19.88 -0.57 0.00	19.25 -0.5																				

BAYONEEC___CTG7 323688	24.09 0.73 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.87 0.82 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.57 1.10 0.00	28.44 1.20 0.00	32.56 1.46 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.71 1.02 0.00
BAYONEEC___CTG8 323689	24.09 0.73 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.87 0.82 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.57 1.10 0.00	28.44 1.20 0.00	32.56 1.46 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.71 1.02 0.00
BAYONEEC___CTG9 323749	24.09 0.73 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.87 0.82 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.57 1.10 0.00	28.44 1.20 0.00	32.56 1.46 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.71 1.02 0.00
BEACON___LESR 323632	23.93 0.56 0.00	21.87 0.51 0.00	20.92 0.47 0.00	20.34 0.51 0.00	20.18 0.51 0.00	21.10 0.57 0.00	22.91 0.65 0.00	22.71 0.66 0.00	24.79 0.67 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.20 0.61 0.00	23.12 0.61 0.00	23.28 0.61 0.00	25.13 0.66 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.63 0.75 0.00	26.00 0.76 0.00	24.62 0.69 0.00	24.29 0.77 0.00	21.96 0.64 0.00	20.28 0.59 0.00
BEAVER RIVER___HYD 24048	23.18 -0.19 0.00	21.14 -0.21 0.00	20.22 -0.22 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.07 -0.20 0.00	21.94 -0.11 0.00	24.00 -0.12 0.00	23.51 -0.14 0.00	23.33 -0.16 0.00	22.95 -0.25 0.00	22.29 -0.29 0.00	22.22 -0.29 0.00	22.40 -0.27 0.00	24.05 -0.42 0.00	26.84 -0.41 0.00	30.53 -0.56 0.00	27.35 -0.53 0.00	24.69 -0.56 0.00	23.37 -0.55 0.00	22.91 -0.61 0.00	20.70 -0.62 0.00	19.08 -0.61 0.00
BEEBEE_GT_13 23619	22.76 -0.61 0.00	20.76 -0.60 0.00	19.86 -0.59 0.00	19.23 -0.59 0.00	19.12 -0.55 0.00	19.99 -0.53 0.00	21.76 -0.51 0.00	21.39 -0.66 0.00	23.35 -0.77 0.00	22.85 -0.80 0.00	22.60 -0.89 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.70 -0.81 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	29.73 -1.37 0.00	26.93 -0.95 0.00	24.21 -1.04 0.00	23.06 -0.86 0.00	22.43 -1.08 0.00	20.36 -0.96 0.00	18.94 -0.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.52 1.15 -0.01	22.43 1.07 -0.01	21.52 1.06 -0.01	20.84 1.01 -0.01	20.64 0.96 -0.01	21.41 0.88 0.00	23.29 1.02 0.00	23.18 1.12 0.00	25.40 1.28 0.00	24.98 1.32 0.00	24.90 1.41 0.00	24.62 1.42 0.00	24.01 1.42 0.00	23.93 1.42 0.00	24.07 1.41 0.00	25.94 1.47 0.00	28.93 1.69 0.00	33.18 2.08 0.00	29.74 1.87 0.00	27.06 1.79 -0.02	25.65 1.72 0.00	25.23 1.72 0.00	22.89 1.56 -0.01	21.06 1.36 -0.01
BETHLEHEM___GRP 23843	23.56 0.19 0.00	21.55 0.19 0.00	20.67 0.22 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.79 0.27 0.00	22.51 0.24 0.00	22.32 0.26 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.35 0.11 0.00	31.28 0.19 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.12 0.19 0.00	23.82 0.31 0.00	21.62 0.30 0.00	19.96 0.28 0.00
BETHLEHEM___GS1 323560	23.56 0.19 0.00	21.55 0.19 0.00	20.63 0.18 0.00	20.08 0.26 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.17 0.00	23.39 0.18 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.36 0.11 0.00	31.25 0.16 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.11 0.19 0.00	23.82 0.30 0.00	21.58 0.26 0.00	19.94 0.26 0.00
BETHLEHEM___GS2 323561	23.56 0.19 0.00	21.55 0.19 0.00	20.63 0.18 0.00	20.08 0.26 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.17 0.00	23.39 0.18 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.36 0.11 0.00	31.25 0.16 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.11 0.19 0.00	23.82 0.30 0.00	21.58 0.26 0.00	19.94 0.26 0.00
BETHLEHEM___GS3 323562	23.56 0.19 0.00	21.55 0.19 0.00	20.63 0.18 0.00	20.08 0.26 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.66 0.17 0.00	23.39 0.18 0.00	22.77 0.18 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.64 0.17 0.00	27.36 0.11 0.00	31.25 0.16 0.00	27.99 0.11 0.00	25.45 0.20 0.00	24.11 0.19 0.00	23.82 0.30 0.00	21.58 0.26 0.00	19.94 0.26 0.00
BETHLEHEM___STEEL 23779	22.79 -0.58 0.00	20.80 -0.56 0.00	19.90 -0.55 0.00	19.25 -0.57 0.00	19.18 -0.49 0.00	20.05 -0.47 0.00	21.82 -0.45 0.00	21.26 -0.79 0.00	23.20 -0.92 0.00	22.68 -0.97 0.00	22.44 -1.06 0.00	22.30 -0.91 0.00	21.71 -0.88 0.00	21.61 -0.90 0.00	21.81 -0.86 0.00	23.47 -1.00 0.00	26.05 -1.20 0.00	29.23 -1.87 0.00	26.65 -1.23 0.00	23.93 -1.31 0.00	22.85 -1.08 0.00	22.06 -1.46 0.00	20.04 -1.28 0.00	18.80 -0.89 0.00
BETHLHEM_115KV_TB1 79974	23.60 0.23 0.00	21.59 0.23 0.00	20.69 0.25 0.00	20.10 0.28 0.00	19.94 0.28 0.00	20.81 0.29 0.00	22.56 0.29 0.00	22.34 0.29 0.00	24.36 0.24 0.00	23.91 0.26 0.00	23.73 0.23 0.00	23.44 0.23 0.00	22.81 0.23 0.00	22.76 0.25 0.00	22.92 0.25 0.00	24.71 0.24 0.00	27.44 0.19 0.00	31.37 0.28 0.00	28.07 0.20 0.00	25.52 0.28 0.00	24.19 0.26 0.00	23.87 0.35 0.00	21.66 0.34 0.00	19.98 0.30 0.00
BETHPAGE_CC_5 323564	33.66 1.35 -8.94	26.12 1.28 -3.48	21.72 1.14 -0.13	21.01 1.19 0.00	20.79 1.12 0.00	21.69 1.17 0.00	23.60 1.34 0.00	25.38 1.41 -1.92	29.86 1.57 -4.17	30.66 1.58 -5.42	29.74 1.60 -4.65	29.96 1.60 -5.15	29.71 1.58 -5.54	30.59 1.58 -6.50	32.59 1.56 -8.36	34.12 1.69 -7.96	35.52 1.88 -6.40	40.00 2.24 -6.67	36.00 2.03 -6.09	34.76 1.94 -7.57	33.40 1.84 -7.63	33.37 1.84 -8.02	28.52 1.62 -5.58	24.94 1.50 -3.76
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.88 -0.49 0.00	20.88 -0.47 0.00	19.96 -0.49 0.00	19.31 -0.52 0.00	19.25 -0.41 0.00	20.13 -0.39 0.00	21.91 -0.36 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.78 -0.88 0.00	22.53 -0.96 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.70 -0.81 0.00	21.90 -0.77 0.00	23.56 -0.91 0.00	26.18 -1.06 0.00	29.38 -1.71 0.00	26.76 -1.12 0.00	24.03 -1.21 0.00	22.94 -0.98 0.00	22.15 -1.36 0.00	20.13 -1.19 0.00	18.88 -0.81 0.00

BINGHAMTON___COGEN 23790	23.39 0.02 0.00	21.35 0.00 0.00	20.45 0.00 0.00	19.81 -0.02 0.00	19.67 0.00 0.00	20.54 0.02 0.00	22.31 0.04 0.00	22.03 -0.02 0.00	24.10 -0.02 0.00	23.58 -0.07 0.00	23.40 -0.09 0.00	23.14 -0.07 0.00	22.52 -0.07 0.00	22.42 -0.09 0.00	22.60 -0.07 0.00	24.40 -0.07 0.00	27.22 -0.03 0.00	30.97 -0.12 0.00	27.85 -0.03 0.00	25.20 -0.05 0.00	23.90 -0.02 0.00	23.38 -0.14 0.00	21.19 -0.13 0.00	19.63 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	23.23 -0.14 0.00	21.16 -0.19 0.00	20.18 -0.27 0.00	19.51 -0.32 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.13 -0.13 0.00	21.57 -0.49 0.00	23.49 -0.63 0.00	22.99 -0.66 0.00	22.65 -0.85 0.00	22.53 -0.67 0.00	22.07 -0.52 0.00	21.95 -0.56 0.00	22.12 -0.54 0.00	23.78 -0.69 0.00	26.37 -0.87 0.00	29.57 -1.52 0.00	26.82 -1.06 0.00	24.03 -1.21 0.00	22.87 -1.05 0.00	22.11 -1.41 0.00	20.04 -1.28 0.00	18.80 -0.89 0.00
BLACK RIVER___HYD 24047	23.02 -0.35 0.00	20.99 -0.36 0.00	20.10 -0.35 0.00	19.45 -0.38 0.00	19.33 -0.33 0.00	20.20 -0.33 0.00	21.94 -0.33 0.00	21.83 -0.22 0.00	23.88 -0.24 0.00	23.37 -0.28 0.00	23.17 -0.33 0.00	22.76 -0.44 0.00	22.11 -0.48 0.00	22.04 -0.47 0.00	22.24 -0.43 0.00	23.98 -0.49 0.00	26.84 -0.41 0.00	30.56 -0.53 0.00	27.37 -0.50 0.00	24.72 -0.53 0.00	23.40 -0.53 0.00	22.91 -0.61 0.00	20.70 -0.62 0.00	19.06 -0.63 0.00
BLACKRVR_115KV_TB2 79977	23.02 -0.35 0.00	20.99 -0.36 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.20 -0.33 0.00	21.93 -0.33 0.00	21.83 -0.22 0.00	23.88 -0.24 0.00	23.37 -0.28 0.00	23.17 -0.33 0.00	22.77 -0.44 0.00	22.11 -0.47 0.00	22.04 -0.47 0.00	22.21 -0.45 0.00	23.98 -0.49 0.00	26.84 -0.41 0.00	30.57 -0.53 0.00	27.37 -0.50 0.00	24.72 -0.53 0.00	23.40 -0.53 0.00	22.91 -0.61 0.00	20.70 -0.62 0.00	19.06 -0.63 0.00
BLISS_WT_PWR 323608	23.23 -0.14 0.00	21.16 -0.19 0.00	20.55 0.10 0.00	19.55 -0.28 0.00	19.55 -0.12 0.00	20.34 -0.19 0.00	22.11 -0.15 0.00	21.55 -0.51 0.00	23.47 -0.65 0.00	22.97 -0.69 0.00	22.58 -0.92 0.00	22.49 -0.72 0.00	22.04 -0.54 0.00	21.93 -0.59 0.00	22.12 -0.54 0.00	23.74 -0.73 0.00	26.32 -0.93 0.00	29.79 -1.30 0.00	26.71 -1.17 0.00	23.91 -1.34 0.00	22.73 -1.20 0.00	21.99 -1.53 0.00	20.19 -1.13 0.00	18.80 -0.89 0.00
BLUESTONE___WT_PWR 323821	24.91 1.54 0.00	22.72 1.37 0.00	21.80 1.35 0.00	21.03 1.21 0.00	20.91 1.24 0.00	21.84 1.31 0.00	23.72 1.45 0.00	23.53 1.48 0.00	25.74 1.62 0.00	25.17 1.52 0.00	24.93 1.43 0.00	24.53 1.32 0.00	23.78 1.20 0.00	23.68 1.17 0.00	23.87 1.20 0.00	25.89 1.42 0.00	29.02 1.77 0.00	33.11 2.02 0.00	29.72 1.84 0.00	26.81 1.57 0.00	25.38 1.46 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.67 0.98 0.00
BLUE_CIRC_CHEM_DRP 24182	23.88 0.51 0.00	21.84 0.49 0.00	20.94 0.49 0.00	20.32 0.50 0.00	20.16 0.49 0.00	21.04 0.51 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.65 0.53 0.00	24.17 0.52 0.00	23.99 0.49 0.00	23.69 0.49 0.00	23.06 0.47 0.00	22.98 0.47 0.00	23.14 0.48 0.00	25.01 0.54 0.00	27.79 0.54 0.00	31.78 0.68 0.00	28.46 0.59 0.00	25.83 0.58 0.00	24.47 0.55 0.00	24.15 0.63 0.00	21.88 0.55 0.00	20.20 0.51 0.00
BOC_GAS_DRP 24189	23.67 0.30 0.00	21.63 0.28 0.00	20.74 0.29 0.00	20.12 0.30 0.00	19.96 0.30 0.00	20.83 0.31 0.00	22.58 0.31 0.00	22.38 0.33 0.00	24.48 0.36 0.00	24.01 0.35 0.00	23.85 0.35 0.00	23.58 0.37 0.00	22.93 0.34 0.00	22.87 0.36 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.63 0.38 0.00	31.59 0.50 0.00	28.29 0.42 0.00	25.68 0.43 0.00	24.31 0.38 0.00	23.99 0.47 0.00	21.73 0.41 0.00	20.06 0.37 0.00
BOONVILLE_115KV_TB1 79983	23.74 0.37 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.10 0.28 0.00	19.94 0.28 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.47 0.42 0.00	24.58 0.46 0.00	24.08 0.43 0.00	23.89 0.40 0.00	23.53 0.32 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.96 0.29 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.37 0.28 0.00	28.10 0.22 0.00	25.42 0.18 0.00	24.07 0.14 0.00	23.61 0.09 0.00	21.37 0.04 0.00	19.71 0.02 0.00
BORALEX_4TH_BRANCH 23824	24.05 0.68 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.42 0.59 0.00	20.24 0.57 0.00	21.22 0.70 0.00	22.96 0.69 0.00	22.69 0.64 0.00	25.04 0.92 0.00	24.60 0.95 0.00	24.43 0.94 0.00	24.13 0.93 0.00	23.42 0.84 0.00	23.39 0.88 0.00	23.53 0.86 0.00	25.42 0.95 0.00	28.28 1.04 0.00	32.40 1.31 0.00	28.96 1.09 0.00	26.26 1.01 0.00	24.74 0.81 0.00	24.48 0.96 0.00	22.15 0.83 0.00	20.40 0.71 0.00
BOWLINE___1 23526	23.93 0.56 0.00	21.89 0.53 0.00	20.88 0.43 0.00	20.34 0.51 0.00	20.14 0.47 0.00	21.00 0.47 0.00	22.83 0.56 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.43 0.78 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.40 0.81 0.00	23.32 0.81 0.00	23.48 0.81 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.27 1.18 0.00	28.99 1.12 0.00	26.36 1.11 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.22 0.90 0.00	20.48 0.79 0.00
BOWLINE___2 23595	23.93 0.56 0.00	21.89 0.53 0.00	20.88 0.43 0.00	20.34 0.51 0.00	20.14 0.47 0.00	21.00 0.47 0.00	22.83 0.56 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.43 0.78 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.40 0.81 0.00	23.32 0.81 0.00	23.48 0.81 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.27 1.18 0.00	28.99 1.12 0.00	26.36 1.11 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.22 0.90 0.00	20.48 0.79 0.00
BRADY___115KV_TB2 356060	23.74 0.37 0.00	21.67 0.32 0.00	20.76 0.31 0.00	20.10 0.28 0.00	19.96 0.30 0.00	20.81 0.29 0.00	22.56 0.29 0.00	22.38 0.33 0.00	24.48 0.36 0.00	24.03 0.38 0.00	23.89 0.40 0.00	23.53 0.32 0.00	22.90 0.32 0.00	22.85 0.34 0.00	22.98 0.32 0.00	24.81 0.34 0.00	27.68 0.44 0.00	31.59 0.50 0.00	28.29 0.42 0.00	25.58 0.33 0.00	24.21 0.29 0.00	23.75 0.24 0.00	21.49 0.17 0.00	19.85 0.16 0.00
BRANSCOMB___SOLAR 323811	24.21 0.84 0.00	22.12 0.77 0.00	21.14 0.70 0.00	20.54 0.71 0.00	20.37 0.71 0.00	21.32 0.80 0.00	23.09 0.82 0.00	22.85 0.79 0.00	25.06 0.94 0.00	24.55 0.90 0.00	24.36 0.87 0.00	24.04 0.83 0.00	23.38 0.79 0.00	23.30 0.79 0.00	23.48 0.81 0.00	25.42 0.95 0.00	28.36 1.12 0.00	32.43 1.34 0.00	29.07 1.20 0.00	26.36 1.11 0.00	24.93 1.00 0.00	24.58 1.06 0.00	22.20 0.87 0.00	20.48 0.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.94 1.64 -8.94	26.35 1.52 -3.48	22.09 1.51 -0.13	21.27 1.45 0.00	21.04 1.38 0.00	21.88 1.35 0.00	23.85 1.58 0.00	25.60 1.63 -1.92	30.15 1.86 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.88 1.87 -6.50	32.91 1.88 -8.36	34.44 2.01 -7.96	35.85 2.21 -6.40	40.41 2.64 -6.67	36.28 2.31 -6.09	35.04 2.22 -7.57	33.61 2.06 -7.63	33.61 2.07 -8.02	28.78 1.88 -5.58	25.14 1.69 -3.76



BRISTLHL_115KV_TB1 79998	22.81 -0.56 0.00	20.82 -0.53 0.00	19.94 -0.51 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.03 -0.49 0.00	21.73 -0.53 0.00	21.52 -0.53 0.00	23.49 -0.63 0.00	23.01 -0.64 0.00	22.84 -0.66 0.00	22.58 -0.63 0.00	21.95 -0.63 0.00	21.88 -0.63 0.00	22.05 -0.61 0.00	23.81 -0.66 0.00	26.54 -0.71 0.00	30.25 -0.84 0.00	27.15 -0.72 0.00	24.57 -0.68 0.00	23.30 -0.62 0.00	22.86 -0.66 0.00	20.75 -0.58 0.00	19.18 -0.51 0.00
BROOKHAVEN___DRP 24191	33.99 1.68 -8.94	26.39 1.56 -3.48	22.11 1.53 -0.13	21.33 1.51 0.00	21.10 1.44 0.00	21.92 1.40 0.00	23.89 1.63 0.00	25.54 1.57 -1.92	30.22 1.93 -4.17	31.04 1.96 -5.42	30.12 1.97 -4.65	30.28 1.93 -5.15	30.03 1.90 -5.54	30.93 1.91 -6.50	32.94 1.90 -8.36	34.49 2.06 -7.96	35.88 2.23 -6.40	40.47 2.71 -6.67	36.25 2.29 -6.09	34.99 2.17 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.69 1.79 -5.58	25.04 1.59 -3.76
BROOKLYN_NAVY_YARD 23515	24.09 0.73 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.89 0.84 0.00	25.09 0.97 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.71 1.04 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.59 1.49 0.00	29.27 1.39 0.00	26.63 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.49 1.17 0.00	20.73 1.04 0.00
BROOKLYN___ARMY_DRP 323595	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
BROOKVLE_69_KV_TB1 55790	33.62 1.31 -8.94	26.05 1.22 -3.48	21.79 1.21 -0.13	20.96 1.13 0.00	20.75 1.08 0.00	21.61 1.09 0.00	23.54 1.27 0.00	25.32 1.35 -1.92	29.81 1.52 -4.17	30.64 1.56 -5.42	29.72 1.57 -4.65	29.94 1.58 -5.15	29.69 1.56 -5.54	30.57 1.55 -6.50	32.57 1.54 -8.36	34.09 1.66 -7.96	35.52 1.88 -6.40	40.06 2.30 -6.67	36.00 2.03 -6.09	34.76 1.94 -7.57	33.40 1.84 -7.63	33.37 1.83 -8.02	28.56 1.66 -5.58	24.90 1.46 -3.76
BROOME_2_LFGE 323671	23.39 0.02 0.00	21.35 0.00 0.00	20.53 0.08 0.00	19.83 0.00 0.00	19.71 0.04 0.00	20.54 0.02 0.00	22.31 0.04 0.00	22.03 -0.02 0.00	24.10 -0.02 0.00	23.58 -0.07 0.00	23.40 -0.09 0.00	23.14 -0.07 0.00	22.52 -0.07 0.00	22.42 -0.09 0.00	22.60 -0.07 0.00	24.40 -0.07 0.00	27.22 -0.03 0.00	31.03 -0.06 0.00	27.88 0.00 0.00	25.20 -0.05 0.00	23.90 -0.02 0.00	23.38 -0.14 0.00	21.24 -0.08 0.00	19.65 -0.04 0.00
BROOME___LFGE 323600	23.39 0.02 0.00	21.35 0.00 0.00	20.53 0.08 0.00	19.83 0.00 0.00	19.71 0.04 0.00	20.54 0.02 0.00	22.31 0.04 0.00	22.03 -0.02 0.00	24.10 -0.02 0.00	23.58 -0.07 0.00	23.40 -0.09 0.00	23.14 -0.07 0.00	22.52 -0.07 0.00	22.42 -0.09 0.00	22.60 -0.07 0.00	24.40 -0.07 0.00	27.22 -0.03 0.00	31.03 -0.06 0.00	27.88 0.00 0.00	25.20 -0.05 0.00	23.90 -0.02 0.00	23.38 -0.14 0.00	21.24 -0.08 0.00	19.65 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	23.00 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.15 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.23 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.66 -0.66 0.00	19.04 -0.65 0.00
BROWNSV1_27_KV_LOAD 356125	24.33 0.96 0.00	22.27 0.92 0.00	21.37 0.92 0.00	20.70 0.87 0.00	20.49 0.83 0.00	21.30 0.78 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.91 1.25 0.00	24.79 1.29 0.00	24.51 1.30 0.00	23.87 1.29 0.00	23.80 1.28 0.00	23.94 1.27 0.00	25.81 1.35 0.00	28.77 1.53 0.00	32.99 1.90 0.00	29.55 1.67 0.00	26.86 1.62 0.00	25.48 1.56 0.00	25.07 1.55 0.00	22.73 1.41 0.00	20.93 1.24 0.00
BURROWS___LYONSDAL 23803	23.63 0.26 0.00	21.57 0.21 0.00	20.63 0.18 0.00	20.00 0.18 0.00	19.84 0.18 0.00	20.75 0.23 0.00	22.51 0.24 0.00	22.36 0.31 0.00	24.46 0.34 0.00	23.96 0.31 0.00	23.78 0.28 0.00	23.41 0.21 0.00	22.74 0.16 0.00	22.67 0.16 0.00	22.85 0.18 0.00	24.57 0.10 0.00	27.38 0.14 0.00	31.16 0.06 0.00	27.90 0.03 0.00	25.22 -0.03 0.00	23.88 -0.05 0.00	23.42 -0.09 0.00	21.19 -0.13 0.00	19.55 -0.14 0.00
CAITHNESS_CC_1 323624	33.90 1.59 -8.94	26.33 1.49 -3.48	21.95 1.37 -0.13	21.25 1.43 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.83 1.56 0.00	25.49 1.52 -1.92	30.15 1.86 -4.17	30.95 1.87 -5.42	30.02 1.88 -4.65	30.21 1.86 -5.15	29.96 1.83 -5.54	30.83 1.82 -6.50	32.87 1.84 -8.36	34.41 1.98 -7.96	35.74 2.10 -6.40	40.28 2.52 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.37 1.82 -7.63	33.40 1.86 -8.02	28.61 1.71 -5.58	25.00 1.56 -3.76
CALPINE BETH_PAGE_GT4 24209	33.66 1.36 -8.94	26.09 1.26 -3.48	21.83 1.25 -0.13	20.99 1.17 0.00	20.79 1.12 0.00	21.63 1.11 0.00	23.58 1.31 0.00	25.36 1.39 -1.92	29.81 1.52 -4.17	30.59 1.51 -5.42	29.69 1.55 -4.65	29.89 1.53 -5.15	29.64 1.51 -5.54	30.52 1.51 -6.50	32.55 1.52 -8.36	34.07 1.64 -7.96	35.47 1.83 -6.40	40.00 2.24 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.33 1.79 -8.02	28.54 1.64 -5.58	24.94 1.50 -3.76
CALPINE_BETH_PAGE_GT_4 323586	33.66 1.35 -8.94	26.09 1.26 -3.48	21.70 1.12 -0.13	20.99 1.17 0.00	20.77 1.10 0.00	21.67 1.15 0.00	23.58 1.31 0.00	25.36 1.39 -1.92	29.81 1.52 -4.17	30.59 1.52 -5.42	29.69 1.55 -4.65	29.89 1.53 -5.15	29.64 1.51 -5.54	30.52 1.51 -6.50	32.55 1.52 -8.36	34.07 1.64 -7.96	35.47 1.83 -6.40	39.91 2.14 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.32 1.79 -8.02	28.48 1.58 -5.58	24.92 1.48 -3.76
CALPINE_BP_GT1 23823	33.66 1.35 -8.94	26.09 1.26 -3.48	21.70 1.12 -0.13	20.99 1.17 0.00	20.77 1.10 0.00	21.67 1.15 0.00	23.58 1.31 0.00	25.36 1.39 -1.92	29.81 1.52 -4.17	30.59 1.52 -5.42	29.69 1.55 -4.65	29.89 1.53 -5.15	29.64 1.51 -5.54	30.52 1.51 -6.50	32.55 1.52 -8.36	34.07 1.64 -7.96	35.47 1.83 -6.40	39.91 2.14 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.32 1.79 -8.02	28.48 1.58 -5.58	24.92 1.48 -3.76
CALSPAN___DRP 24200	22.79 -0.58 0.00	20.80 -0.56 0.00	19.90 -0.55 0.00	19.25 -0.57 0.00	19.18 -0.49 0.00	20.05 -0.47 0.00	21.82 -0.45 0.00	21.26 -0.79 0.00	23.20 -0.92 0.00	22.68 -0.97 0.00	22.44 -1.06 0.00	22.30 -0.91 0.00	21.71 -0.88 0.00	21.61 -0.90 0.00	21.81 -0.86 0.00	23.47 -1.00 0.00	26.05 -1.20 0.00	29.23 -1.87 0.00	26.65 -1.23 0.00	23.93 -1.31 0.00	22.85 -1.08 0.00	22.06 -1.46 0.00	20.04 -1.28 0.00	18.80 -0.89 0.00

CALVERTON___SOLAR 323806	34.08 1.78 -8.94	26.48 1.64 -3.48	22.09 1.51 -0.13	21.39 1.57 0.00	21.16 1.49 0.00	22.08 1.56 0.00	23.98 1.71 0.00	25.60 1.63 -1.92	30.32 2.03 -4.17	31.13 2.06 -5.42	30.21 2.07 -4.65	30.38 2.02 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.03 2.00 -8.36	34.61 2.18 -7.96	35.96 2.31 -6.40	40.53 2.77 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.47 1.91 -7.63	33.49 1.95 -8.02	28.71 1.81 -5.58	25.10 1.65 -3.76
CANDIGU_WT_PWR 323617	23.21 -0.16 0.00	21.16 -0.19 0.00	20.49 0.04 0.00	19.61 -0.22 0.00	19.57 -0.10 0.00	20.36 -0.16 0.00	22.14 -0.13 0.00	21.68 -0.38 0.00	23.69 -0.43 0.00	23.16 -0.50 0.00	22.91 -0.59 0.00	22.72 -0.49 0.00	22.13 -0.45 0.00	22.02 -0.50 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.65 -0.60 0.00	30.32 -0.78 0.00	27.24 -0.64 0.00	24.49 -0.76 0.00	23.28 -0.64 0.00	22.58 -0.94 0.00	20.62 -0.70 0.00	19.14 -0.55 0.00
CARR STREET_E_SYR 24060	23.02 -0.35 0.00	21.01 -0.34 0.00	20.18 -0.27 0.00	19.51 -0.32 0.00	19.37 -0.29 0.00	20.22 -0.31 0.00	21.96 -0.31 0.00	21.72 -0.33 0.00	23.71 -0.41 0.00	23.23 -0.43 0.00	23.05 -0.45 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.26 -0.41 0.00	24.03 -0.44 0.00	26.78 -0.46 0.00	30.56 -0.53 0.00	27.40 -0.47 0.00	24.79 -0.45 0.00	23.52 -0.41 0.00	23.05 -0.47 0.00	20.96 -0.36 0.00	19.35 -0.33 0.00
CARTHAGE___PAPER 23857	23.09 -0.28 0.00	21.05 -0.30 0.00	20.14 -0.31 0.00	19.51 -0.32 0.00	19.37 -0.29 0.00	20.26 -0.27 0.00	21.98 -0.29 0.00	21.90 -0.15 0.00	23.93 -0.19 0.00	23.44 -0.21 0.00	23.24 -0.26 0.00	22.86 -0.35 0.00	22.20 -0.38 0.00	22.13 -0.38 0.00	22.30 -0.36 0.00	24.00 -0.47 0.00	26.84 -0.41 0.00	30.53 -0.56 0.00	27.35 -0.53 0.00	24.69 -0.56 0.00	23.35 -0.57 0.00	22.88 -0.63 0.00	20.68 -0.64 0.00	19.04 -0.65 0.00
CASSADAGA_WT_PWR 323784	23.42 0.05 0.00	21.31 -0.04 0.00	20.71 0.27 0.00	19.75 -0.08 0.00	19.71 0.04 0.00	20.48 -0.04 0.00	22.34 0.07 0.00	21.77 -0.29 0.00	23.81 -0.31 0.00	23.23 -0.43 0.00	22.95 -0.54 0.00	22.86 -0.35 0.00	22.29 -0.29 0.00	22.20 -0.32 0.00	22.42 -0.25 0.00	24.05 -0.42 0.00	26.62 -0.63 0.00	30.10 -1.00 0.00	27.01 -0.86 0.00	24.19 -1.06 0.00	22.99 -0.93 0.00	22.15 -1.36 0.00	20.30 -1.02 0.00	19.00 -0.69 0.00
CE_DUNWOOD___DRP 24194	24.07 0.70 0.00	22.02 0.66 0.00	21.12 0.67 0.00	20.48 0.65 0.00	20.28 0.61 0.00	21.12 0.60 0.00	22.96 0.69 0.00	22.83 0.77 0.00	25.04 0.92 0.00	24.60 0.95 0.00	24.48 0.99 0.00	24.18 0.97 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.64 0.97 0.00	25.50 1.03 0.00	28.39 1.14 0.00	32.55 1.46 0.00	29.16 1.28 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.41 1.09 0.00	20.63 0.95 0.00
CE_MILLWOOD___DRP 24193	24.02 0.65 0.00	21.99 0.64 0.00	21.08 0.63 0.00	20.44 0.61 0.00	20.24 0.57 0.00	21.08 0.55 0.00	22.94 0.67 0.00	22.78 0.73 0.00	24.99 0.87 0.00	24.55 0.90 0.00	24.43 0.94 0.00	24.13 0.93 0.00	23.51 0.93 0.00	23.43 0.92 0.00	23.57 0.91 0.00	25.45 0.98 0.00	28.34 1.09 0.00	32.49 1.40 0.00	29.10 1.23 0.00	26.46 1.21 0.00	25.07 1.15 0.00	24.69 1.18 0.00	22.37 1.04 0.00	20.58 0.89 0.00
CE_NYC2_DRP 24202	24.29 0.91 -0.01	22.24 0.88 -0.01	21.34 0.88 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.97 1.46 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
CE_NYC_DRP 24195	24.12 0.75 0.00	22.08 0.73 0.00	21.19 0.74 0.00	20.52 0.69 0.00	20.32 0.65 0.00	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.47 1.23 0.00	32.68 1.59 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
CHAFFEE___LFGE 323603	22.88 -0.49 0.00	20.86 -0.49 0.00	20.37 -0.08 0.00	19.37 -0.46 0.00	19.35 -0.32 0.00	20.13 -0.39 0.00	21.91 -0.36 0.00	21.35 -0.71 0.00	23.32 -0.80 0.00	22.80 -0.85 0.00	22.55 -0.94 0.00	22.42 -0.79 0.00	21.82 -0.77 0.00	21.70 -0.81 0.00	21.94 -0.73 0.00	23.59 -0.88 0.00	26.21 -1.04 0.00	29.76 -1.34 0.00	26.82 -1.06 0.00	24.11 -1.14 0.00	22.99 -0.93 0.00	22.22 -1.29 0.00	20.45 -0.88 0.00	19.02 -0.67 0.00
CHATEAUG_35_KV_LOAD 355732	24.02 0.65 0.00	21.95 0.60 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.20 0.53 0.00	21.06 0.53 0.00	22.85 0.58 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.29 0.64 0.00	24.15 0.66 0.00	23.83 0.63 0.00	23.20 0.61 0.00	23.12 0.61 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.98 0.74 0.00	31.93 0.84 0.00	28.57 0.70 0.00	25.80 0.56 0.00	24.40 0.48 0.00	23.94 0.42 0.00	21.66 0.34 0.00	19.98 0.30 0.00
CHATEAUG_WT_PWR 323614	24.00 0.63 0.00	21.93 0.58 0.00	21.00 0.55 0.00	20.34 0.51 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.63 0.57 0.00	24.72 0.60 0.00	24.24 0.59 0.00	24.10 0.61 0.00	23.79 0.58 0.00	23.15 0.56 0.00	23.10 0.58 0.00	23.21 0.54 0.00	25.05 0.59 0.00	27.93 0.68 0.00	31.87 0.78 0.00	28.52 0.64 0.00	25.78 0.53 0.00	24.38 0.45 0.00	23.92 0.40 0.00	21.62 0.30 0.00	19.96 0.28 0.00
CHAT_HIGH_FALL_HYD 323578	24.02 0.65 0.00	21.95 0.60 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.20 0.53 0.00	21.06 0.53 0.00	22.85 0.58 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.29 0.64 0.00	24.15 0.66 0.00	23.83 0.63 0.00	23.20 0.61 0.00	23.12 0.61 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.98 0.74 0.00	31.93 0.84 0.00	28.57 0.70 0.00	25.80 0.55 0.00	24.40 0.48 0.00	23.94 0.42 0.00	21.66 0.34 0.00	19.98 0.30 0.00
CHAUTAUQUA___LFGE 323629	23.11 -0.26 0.00	21.05 -0.30 0.00	20.51 0.06 0.00	19.53 -0.30 0.00	19.51 -0.16 0.00	20.28 -0.25 0.00	22.09 -0.18 0.00	21.52 -0.53 0.00	23.52 -0.60 0.00	22.97 -0.69 0.00	22.72 -0.77 0.00	22.58 -0.63 0.00	22.02 -0.56 0.00	21.93 -0.59 0.00	22.15 -0.52 0.00	23.78 -0.68 0.00	26.37 -0.87 0.00	29.88 -1.21 0.00	26.87 -1.00 0.00	24.14 -1.11 0.00	22.97 -0.96 0.00	22.18 -1.34 0.00	20.36 -0.96 0.00	19.00 -0.69 0.00
CHERRYST_13_KV_LD 356241	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.18 0.66 0.00	23.07 0.80 0.00	22.94 0.88 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.62 1.13 0.00	24.32 1.11 0.00	23.72 1.13 0.00	23.64 1.13 0.00	23.78 1.11 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.74 1.65 0.00	29.33 1.45 0.00	26.69 1.44 0.00	25.31 1.39 0.00	24.90 1.39 0.00	22.58 1.26 0.00	20.79 1.10 0.00

CHESTROR_138KV_BK263 355645	23.88 0.51 0.00	21.84 0.49 0.00	20.94 0.49 0.00	20.30 0.48 0.00	20.10 0.43 0.00	20.96 0.43 0.00	22.76 0.49 0.00	22.60 0.55 0.00	24.80 0.68 0.00	24.34 0.69 0.00	24.20 0.70 0.00	23.90 0.70 0.00	23.29 0.70 0.00	23.21 0.70 0.00	23.37 0.70 0.00	25.25 0.78 0.00	28.12 0.87 0.00	32.21 1.12 0.00	28.85 0.98 0.00	26.21 0.96 0.00	24.83 0.91 0.00	24.46 0.94 0.00	22.13 0.81 0.00	20.38 0.69 0.00
CH_MIDHUDSON___DRP 24192	24.09 0.72 0.00	22.04 0.68 0.00	21.12 0.67 0.00	20.48 0.65 0.00	20.28 0.61 0.00	21.14 0.62 0.00	22.96 0.69 0.00	22.80 0.75 0.00	25.01 0.89 0.00	24.58 0.92 0.00	24.43 0.94 0.00	24.13 0.93 0.00	23.51 0.93 0.00	23.43 0.92 0.00	23.60 0.93 0.00	25.47 1.00 0.00	28.36 1.12 0.00	32.49 1.40 0.00	29.07 1.20 0.00	26.41 1.16 0.00	25.02 1.10 0.00	24.67 1.15 0.00	22.32 1.00 0.00	20.56 0.87 0.00
CH_MISC_IPPS 23765	24.19 0.82 0.00	22.12 0.77 0.00	21.12 0.67 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.37 1.04 0.00	20.61 0.93 0.00
CH_RES_BVR_FALLS 23983	23.39 0.02 0.00	21.37 0.02 0.00	20.47 0.02 0.00	19.84 0.02 0.00	19.67 0.00 0.00	20.52 0.00 0.00	22.25 -0.02 0.00	22.03 -0.02 0.00	24.10 -0.02 0.00	23.61 -0.05 0.00	23.47 -0.02 0.00	23.18 -0.02 0.00	22.59 0.00 0.00	22.51 0.00 0.00	22.67 0.00 0.00	24.42 -0.05 0.00	27.14 -0.11 0.00	30.91 -0.19 0.00	27.65 -0.22 0.00	25.02 -0.23 0.00	23.68 -0.24 0.00	23.28 -0.24 0.00	21.09 -0.23 0.00	19.49 -0.20 0.00
CH_RES_NIAGARA 23895	21.90 -1.47 0.00	19.99 -1.37 0.00	19.61 -0.84 0.00	18.52 -1.31 0.00	18.61 -1.06 0.00	19.29 -1.23 0.00	20.93 -1.34 0.00	20.36 -1.70 0.00	22.21 -1.91 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.85 -1.81 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	28.23 -2.86 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.53 -1.79 0.00	18.17 -1.52 0.00
CH_RES_SYRACUSE 23985	23.14 -0.23 0.00	21.12 -0.23 0.00	20.26 -0.18 0.00	19.59 -0.24 0.00	19.47 -0.20 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.37 -0.30 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.72 -0.37 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.07 -0.25 0.00	19.45 -0.24 0.00
CLINTON_WT_PWR 323605	24.00 0.63 0.00	21.93 0.58 0.00	21.00 0.55 0.00	20.34 0.51 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.63 0.57 0.00	24.72 0.60 0.00	24.24 0.59 0.00	24.10 0.61 0.00	23.79 0.58 0.00	23.15 0.56 0.00	23.10 0.58 0.00	23.21 0.54 0.00	25.05 0.59 0.00	27.93 0.68 0.00	31.87 0.78 0.00	28.52 0.64 0.00	25.78 0.53 0.00	24.38 0.45 0.00	23.92 0.40 0.00	21.62 0.30 0.00	19.96 0.28 0.00
CLINTON___LFGE 323618	24.42 1.05 0.00	22.29 0.94 0.00	21.35 0.90 0.00	20.66 0.83 0.00	20.51 0.85 0.00	21.39 0.86 0.00	23.23 0.96 0.00	23.02 0.97 0.00	25.18 1.06 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.20 1.00 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.05 1.17 0.00	26.23 0.98 0.00	24.78 0.86 0.00	24.29 0.77 0.00	21.96 0.64 0.00	20.26 0.57 0.00
COBBLENY_34_KV_TB1 80064	22.88 -0.49 0.00	20.86 -0.49 0.00	19.96 -0.49 0.00	19.31 -0.52 0.00	19.24 -0.43 0.00	20.13 -0.39 0.00	21.91 -0.36 0.00	21.35 -0.71 0.00	23.32 -0.80 0.00	22.80 -0.85 0.00	22.55 -0.94 0.00	22.42 -0.79 0.00	21.82 -0.77 0.00	21.70 -0.81 0.00	21.90 -0.77 0.00	23.59 -0.88 0.00	26.21 -1.04 0.00	29.41 -1.68 0.00	26.82 -1.06 0.00	24.11 -1.14 0.00	22.99 -0.93 0.00	22.22 -1.29 0.00	20.15 -1.17 0.00	18.90 -0.79 0.00
COFFEEN___115KV_TB3 355620	23.11 -0.26 0.00	21.05 -0.30 0.00	20.14 -0.31 0.00	19.51 -0.32 0.00	19.37 -0.30 0.00	20.28 -0.25 0.00	22.00 -0.27 0.00	21.92 -0.13 0.00	23.98 -0.14 0.00	23.44 -0.21 0.00	23.24 -0.26 0.00	22.83 -0.37 0.00	22.18 -0.41 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.08 -0.39 0.00	26.97 -0.27 0.00	30.72 -0.37 0.00	27.51 -0.36 0.00	24.84 -0.40 0.00	23.49 -0.43 0.00	23.00 -0.52 0.00	20.77 -0.55 0.00	19.12 -0.57 0.00
COLDSPRG_115KV_BK1 355956	23.70 0.33 0.00	21.59 0.23 0.00	20.61 0.16 0.00	19.94 0.12 0.00	19.88 0.22 0.00	20.79 0.27 0.00	22.67 0.40 0.00	22.10 0.04 0.00	24.14 0.02 0.00	23.58 -0.07 0.00	23.33 -0.16 0.00	23.18 -0.02 0.00	22.59 0.00 0.00	22.47 -0.05 0.00	22.67 0.00 0.00	24.37 -0.10 0.00	27.03 -0.22 0.00	30.41 -0.68 0.00	27.62 -0.25 0.00	24.84 -0.40 0.00	23.64 -0.29 0.00	22.83 -0.68 0.00	20.66 -0.66 0.00	19.41 -0.28 0.00
COLONIE_LFGE___ 323577	23.93 0.56 0.00	21.87 0.51 0.00	20.90 0.45 0.00	20.32 0.50 0.00	20.12 0.45 0.00	21.08 0.55 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.79 0.67 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.20 0.61 0.00	23.14 0.63 0.00	23.30 0.63 0.00	25.18 0.71 0.00	28.01 0.76 0.00	32.00 0.90 0.00	28.68 0.81 0.00	26.00 0.76 0.00	24.59 0.67 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
COOPERNY_115KV_TB1 80082	23.74 0.37 0.00	21.72 0.36 0.00	20.80 0.35 0.00	20.16 0.34 0.00	19.98 0.31 0.00	20.83 0.31 0.00	22.65 0.38 0.00	22.47 0.42 0.00	24.63 0.51 0.00	24.17 0.52 0.00	24.03 0.54 0.00	23.72 0.51 0.00	23.11 0.52 0.00	23.03 0.52 0.00	23.19 0.52 0.00	25.03 0.56 0.00	27.90 0.65 0.00	31.90 0.81 0.00	28.60 0.72 0.00	25.98 0.73 0.00	24.59 0.67 0.00	24.20 0.68 0.00	21.92 0.60 0.00	20.20 0.51 0.00
COPENHAGEN_WT_PWR 323753	22.97 -0.40 0.00	20.95 -0.41 0.00	20.06 -0.39 0.00	19.41 -0.42 0.00	19.29 -0.37 0.00	20.18 -0.35 0.00	21.89 -0.38 0.00	21.79 -0.26 0.00	23.81 -0.31 0.00	23.30 -0.35 0.00	23.12 -0.38 0.00	22.72 -0.49 0.00	22.09 -0.50 0.00	22.02 -0.50 0.00	22.19 -0.48 0.00	23.95 -0.52 0.00	26.78 -0.46 0.00	30.53 -0.56 0.00	27.32 -0.56 0.00	24.69 -0.56 0.00	23.37 -0.55 0.00	22.88 -0.63 0.00	20.70 -0.62 0.00	19.06 -0.63 0.00
CORNELL_____ 23752	23.70 0.33 0.00	21.63 0.28 0.00	20.69 0.25 0.00	20.04 0.22 0.00	19.90 0.24 0.00	20.81 0.29 0.00	22.60 0.33 0.00	22.36 0.31 0.00	24.43 0.31 0.00	23.91 0.26 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.77 0.18 0.00	22.67 0.16 0.00	22.87 0.20 0.00	24.71 0.24 0.00	27.60 0.35 0.00	31.44 0.34 0.00	28.24 0.36 0.00	25.52 0.28 0.00	24.19 0.26 0.00	23.66 0.14 0.00	21.43 0.11 0.00	19.83 0.14 0.00

CORONA__69_KV_TB1 355595	33.52 1.22 -8.94	25.99 1.15 -3.48	21.70 1.12 -0.13	20.88 1.05 0.00	20.67 1.00 0.00	21.53 1.01 0.00	23.45 1.18 0.00	25.23 1.26 -1.92	29.74 1.45 -4.17	30.54 1.47 -5.42	29.65 1.50 -4.65	29.84 1.49 -5.15	29.60 1.47 -5.54	30.48 1.46 -6.50	32.50 1.47 -8.36	34.00 1.57 -7.96	35.42 1.77 -6.40	39.94 2.18 -6.67	35.89 1.92 -6.09	34.66 1.84 -7.57	33.33 1.77 -7.63	33.30 1.76 -8.02	28.48 1.58 -5.58	24.84 1.40 -3.76
CORTLAND__115KV_TB3 80093	23.53 0.16 0.00	21.48 0.13 0.00	20.57 0.12 0.00	19.92 0.10 0.00	19.79 0.12 0.00	20.67 0.14 0.00	22.45 0.18 0.00	22.21 0.15 0.00	24.26 0.14 0.00	23.77 0.12 0.00	23.59 0.09 0.00	23.30 0.09 0.00	22.65 0.07 0.00	22.58 0.07 0.00	22.73 0.07 0.00	24.57 0.10 0.00	27.41 0.16 0.00	31.22 0.12 0.00	28.04 0.17 0.00	25.35 0.10 0.00	24.02 0.10 0.00	23.54 0.02 0.00	21.34 0.02 0.00	19.73 0.04 0.00
COXSACKIE__GT 23611	24.89 1.52 0.00	22.70 1.35 0.00	21.76 1.31 0.00	21.13 1.31 0.00	20.95 1.28 0.00	21.84 1.31 0.00	23.63 1.36 0.00	23.40 1.35 0.00	25.57 1.45 0.00	25.02 1.37 0.00	24.79 1.29 0.00	24.46 1.25 0.00	23.78 1.20 0.00	23.75 1.24 0.00	23.94 1.27 0.00	25.99 1.52 0.00	28.99 1.75 0.00	33.11 2.02 0.00	29.72 1.84 0.00	26.89 1.64 0.00	25.50 1.58 0.00	25.12 1.60 0.00	22.65 1.32 0.00	20.93 1.24 0.00
CPV_VALLEY__CC1 323721	23.72 0.35 0.00	21.72 0.36 0.00	20.71 0.27 0.00	20.16 0.34 0.00	19.96 0.30 0.00	20.83 0.31 0.00	22.62 0.36 0.00	22.47 0.42 0.00	24.63 0.51 0.00	24.20 0.54 0.00	24.06 0.56 0.00	23.76 0.56 0.00	23.15 0.56 0.00	23.08 0.56 0.00	23.21 0.54 0.00	25.08 0.61 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.66 0.78 0.00	26.03 0.78 0.00	24.67 0.74 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
CPV_VALLEY__CC2 323722	23.72 0.35 0.00	21.72 0.36 0.00	20.71 0.27 0.00	20.16 0.34 0.00	19.96 0.30 0.00	20.83 0.31 0.00	22.62 0.36 0.00	22.47 0.42 0.00	24.63 0.51 0.00	24.20 0.54 0.00	24.06 0.56 0.00	23.76 0.56 0.00	23.15 0.56 0.00	23.08 0.56 0.00	23.21 0.54 0.00	25.08 0.61 0.00	27.93 0.68 0.00	31.90 0.81 0.00	28.66 0.78 0.00	26.03 0.78 0.00	24.67 0.74 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
CRESCENT__HYD 24018	23.93 0.56 0.00	21.87 0.51 0.00	20.90 0.45 0.00	20.32 0.50 0.00	20.12 0.45 0.00	21.08 0.55 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.79 0.67 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.20 0.61 0.00	23.14 0.63 0.00	23.30 0.63 0.00	25.18 0.71 0.00	28.01 0.76 0.00	32.00 0.90 0.00	28.68 0.81 0.00	26.00 0.76 0.00	24.59 0.67 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
CRICKET__VALLEY_CC1 323756	23.86 0.49 0.00	21.87 0.51 0.00	20.84 0.39 0.00	20.30 0.48 0.00	20.10 0.43 0.00	21.02 0.49 0.00	22.80 0.53 0.00	22.60 0.55 0.00	24.82 0.70 0.00	24.41 0.76 0.00	24.27 0.77 0.00	23.97 0.76 0.00	23.33 0.74 0.00	23.28 0.77 0.00	23.41 0.75 0.00	25.25 0.78 0.00	28.09 0.85 0.00	32.12 1.02 0.00	28.77 0.89 0.00	26.13 0.88 0.00	24.74 0.81 0.00	24.41 0.89 0.00	22.07 0.75 0.00	20.36 0.67 0.00
CRICKET__VALLEY_CC2 323757	23.86 0.49 0.00	21.87 0.51 0.00	20.84 0.39 0.00	20.30 0.48 0.00	20.10 0.43 0.00	21.02 0.49 0.00	22.80 0.53 0.00	22.60 0.55 0.00	24.82 0.70 0.00	24.41 0.76 0.00	24.27 0.77 0.00	23.97 0.76 0.00	23.33 0.74 0.00	23.28 0.77 0.00	23.41 0.75 0.00	25.25 0.78 0.00	28.09 0.85 0.00	32.12 1.02 0.00	28.77 0.89 0.00	26.13 0.88 0.00	24.74 0.81 0.00	24.41 0.89 0.00	22.07 0.75 0.00	20.36 0.67 0.00
CRICKET__VALLEY_CC3 323758	23.86 0.49 0.00	21.87 0.51 0.00	20.84 0.39 0.00	20.30 0.48 0.00	20.10 0.43 0.00	21.02 0.49 0.00	22.80 0.53 0.00	22.60 0.55 0.00	24.82 0.70 0.00	24.41 0.76 0.00	24.27 0.77 0.00	23.97 0.76 0.00	23.33 0.74 0.00	23.28 0.77 0.00	23.41 0.75 0.00	25.25 0.78 0.00	28.09 0.85 0.00	32.12 1.02 0.00	28.77 0.89 0.00	26.13 0.88 0.00	24.74 0.81 0.00	24.41 0.89 0.00	22.07 0.75 0.00	20.36 0.67 0.00
CRUCIBLE__METL_DRP 24180	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
DAHOWA__HYDRO 323763	24.28 0.91 0.00	22.19 0.83 0.00	21.21 0.76 0.00	20.60 0.77 0.00	20.43 0.77 0.00	21.39 0.86 0.00	23.16 0.89 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.62 0.97 0.00	24.44 0.94 0.00	24.11 0.90 0.00	23.44 0.86 0.00	23.35 0.83 0.00	23.53 0.86 0.00	25.50 1.03 0.00	28.47 1.23 0.00	32.52 1.43 0.00	29.16 1.28 0.00	26.43 1.19 0.00	25.03 1.10 0.00	24.67 1.15 0.00	22.26 0.94 0.00	20.52 0.83 0.00
DANC__LFGE 323619	22.83 -0.54 0.00	20.82 -0.53 0.00	19.96 -0.49 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.05 -0.47 0.00	21.76 -0.51 0.00	21.61 -0.44 0.00	23.61 -0.51 0.00	23.13 -0.52 0.00	22.93 -0.56 0.00	22.58 -0.63 0.00	21.95 -0.63 0.00	21.88 -0.63 0.00	22.06 -0.61 0.00	23.81 -0.66 0.00	26.62 -0.63 0.00	30.35 -0.75 0.00	27.18 -0.70 0.00	24.57 -0.68 0.00	23.25 -0.67 0.00	22.79 -0.73 0.00	20.66 -0.66 0.00	19.04 -0.65 0.00
DANSKAMMER__1 23586	24.19 0.82 0.00	22.12 0.77 0.00	21.12 0.67 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.37 1.04 0.00	20.61 0.93 0.00
DANSKAMMER__2 23589	24.19 0.82 0.00	22.12 0.77 0.00	21.12 0.67 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.37 1.04 0.00	20.61 0.93 0.00
DANSKAMMER__3 23590	24.19 0.82 0.00	22.12 0.77 0.00	21.12 0.67 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.37 1.04 0.00	20.61 0.93 0.00

DANSKAMMER___4 23591	24.19 0.82 0.00	22.12 0.77 0.00	21.12 0.67 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.37 1.04 0.00	20.61 0.93 0.00
DANSKAMMER___DIESEL 23592	24.21 0.84 0.00	22.12 0.77 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.69 1.02 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.53 1.29 0.00	25.14 1.22 0.00	24.76 1.25 0.00	22.41 1.09 0.00	20.63 0.95 0.00
DARBY___SOLAR 323810	24.23 0.87 0.00	22.14 0.79 0.00	21.16 0.72 0.00	20.56 0.73 0.00	20.40 0.73 0.00	21.35 0.82 0.00	23.09 0.82 0.00	22.87 0.82 0.00	25.09 0.97 0.00	24.60 0.95 0.00	24.41 0.92 0.00	24.09 0.88 0.00	23.42 0.84 0.00	23.35 0.83 0.00	23.51 0.84 0.00	25.45 0.98 0.00	28.39 1.14 0.00	32.43 1.34 0.00	29.07 1.20 0.00	26.36 1.11 0.00	24.95 1.03 0.00	24.60 1.08 0.00	22.22 0.90 0.00	20.50 0.81 0.00
DASHVILLE___HYD 23610	24.00 0.63 0.00	21.93 0.58 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.18 0.51 0.00	21.00 0.47 0.00	22.80 0.53 0.00	22.63 0.57 0.00	24.84 0.72 0.00	24.39 0.73 0.00	24.27 0.78 0.00	23.97 0.77 0.00	23.35 0.77 0.00	23.28 0.77 0.00	23.44 0.77 0.00	25.32 0.86 0.00	28.23 0.98 0.00	32.34 1.24 0.00	28.93 1.06 0.00	26.28 1.04 0.00	24.90 0.98 0.00	24.53 1.01 0.00	22.22 0.90 0.00	20.48 0.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.58 2.27 -8.94	26.93 2.09 -3.48	22.60 2.02 -0.13	21.79 1.96 0.00	21.56 1.89 0.00	22.41 1.89 0.00	24.43 2.16 0.00	26.04 2.07 -1.92	30.80 2.51 -4.17	31.58 2.51 -5.42	30.66 2.51 -4.65	30.79 2.44 -5.15	30.55 2.42 -5.54	31.44 2.43 -6.50	33.48 2.45 -8.36	35.10 2.67 -7.96	36.59 2.94 -6.40	41.28 3.51 -6.67	36.98 3.01 -6.09	35.62 2.80 -7.57	33.95 2.39 -7.63	33.96 2.42 -8.02	29.18 2.28 -5.58	25.49 2.05 -3.76
DELAWARE___LFGE 323621	23.95 0.58 0.00	21.89 0.53 0.00	20.96 0.51 0.00	20.30 0.48 0.00	20.14 0.47 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.65 0.60 0.00	24.80 0.68 0.00	24.32 0.66 0.00	24.15 0.66 0.00	23.83 0.63 0.00	23.17 0.59 0.00	23.10 0.59 0.00	23.26 0.59 0.00	25.15 0.69 0.00	28.06 0.82 0.00	32.03 0.93 0.00	28.74 0.86 0.00	26.03 0.78 0.00	24.67 0.74 0.00	24.22 0.71 0.00	21.92 0.60 0.00	20.22 0.53 0.00
DERFIELD_115KV_TB7 355931	23.44 0.07 0.00	21.42 0.06 0.00	20.51 0.06 0.00	19.88 0.06 0.00	19.71 0.04 0.00	20.59 0.06 0.00	22.34 0.07 0.00	22.12 0.07 0.00	24.19 0.07 0.00	23.72 0.07 0.00	23.56 0.07 0.00	23.28 0.07 0.00	22.65 0.07 0.00	22.58 0.07 0.00	22.73 0.07 0.00	24.54 0.07 0.00	27.33 0.08 0.00	31.16 0.06 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.97 0.05 0.00	23.56 0.05 0.00	21.37 0.04 0.00	19.73 0.04 0.00
DOGLEVILLE___HYD 23807	23.65 0.28 0.00	21.59 0.24 0.00	20.65 0.20 0.00	20.02 0.20 0.00	19.84 0.18 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.23 0.18 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.83 0.16 0.00	24.62 0.15 0.00	27.36 0.11 0.00	31.19 0.09 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.92 0.00 0.00	23.54 0.02 0.00	21.30 -0.02 0.00	19.67 -0.02 0.00
DUNKIRK___115KV_TB_200 55889	23.07 -0.30 0.00	21.03 -0.32 0.00	20.08 -0.37 0.00	19.43 -0.40 0.00	19.37 -0.30 0.00	20.26 -0.27 0.00	22.05 -0.22 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.92 -0.73 0.00	22.67 -0.82 0.00	22.56 -0.65 0.00	21.98 -0.61 0.00	21.88 -0.63 0.00	22.08 -0.59 0.00	23.73 -0.73 0.00	26.32 -0.93 0.00	29.54 -1.55 0.00	26.87 -1.00 0.00	24.11 -1.14 0.00	22.97 -0.96 0.00	22.18 -1.34 0.00	20.11 -1.22 0.00	18.90 -0.79 0.00
DUNKIRK___1 23563	23.07 -0.30 0.00	21.03 -0.32 0.00	20.08 -0.37 0.00	19.43 -0.40 0.00	19.37 -0.30 0.00	20.26 -0.27 0.00	22.05 -0.22 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.92 -0.73 0.00	22.67 -0.82 0.00	22.56 -0.65 0.00	21.98 -0.61 0.00	21.88 -0.63 0.00	22.08 -0.59 0.00	23.73 -0.73 0.00	26.32 -0.93 0.00	29.54 -1.55 0.00	26.87 -1.00 0.00	24.11 -1.14 0.00	22.97 -0.96 0.00	22.18 -1.34 0.00	20.11 -1.22 0.00	18.90 -0.79 0.00
DUNKIRK___2 23564	23.07 -0.30 0.00	21.03 -0.32 0.00	20.08 -0.37 0.00	19.43 -0.40 0.00	19.37 -0.30 0.00	20.26 -0.27 0.00	22.05 -0.22 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.92 -0.73 0.00	22.67 -0.82 0.00	22.56 -0.65 0.00	21.98 -0.61 0.00	21.88 -0.63 0.00	22.08 -0.59 0.00	23.73 -0.73 0.00	26.32 -0.93 0.00	29.54 -1.55 0.00	26.87 -1.00 0.00	24.11 -1.14 0.00	22.97 -0.96 0.00	22.18 -1.34 0.00	20.11 -1.22 0.00	18.90 -0.79 0.00
DUNKIRK___3 23565	22.93 -0.44 0.00	20.90 -0.45 0.00	19.98 -0.47 0.00	19.33 -0.50 0.00	19.27 -0.39 0.00	20.15 -0.37 0.00	21.93 -0.33 0.00	21.37 -0.68 0.00	23.35 -0.77 0.00	22.80 -0.85 0.00	22.55 -0.94 0.00	22.42 -0.79 0.00	21.86 -0.72 0.00	21.75 -0.77 0.00	21.94 -0.73 0.00	23.61 -0.86 0.00	26.18 -1.06 0.00	29.41 -1.68 0.00	26.76 -1.12 0.00	24.03 -1.21 0.00	22.92 -1.00 0.00	22.13 -1.39 0.00	20.09 -1.24 0.00	18.86 -0.83 0.00
DUNKIRK___4 23566	22.93 -0.44 0.00	20.90 -0.45 0.00	19.98 -0.47 0.00	19.33 -0.50 0.00	19.27 -0.39 0.00	20.15 -0.37 0.00	21.93 -0.33 0.00	21.37 -0.68 0.00	23.35 -0.77 0.00	22.80 -0.85 0.00	22.55 -0.94 0.00	22.42 -0.79 0.00	21.86 -0.72 0.00	21.75 -0.77 0.00	21.94 -0.73 0.00	23.61 -0.86 0.00	26.18 -1.06 0.00	29.41 -1.68 0.00	26.76 -1.12 0.00	24.03 -1.21 0.00	22.92 -1.00 0.00	22.13 -1.39 0.00	20.09 -1.24 0.00	18.86 -0.83 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.09 0.72 0.00	22.04 0.68 0.00	21.14 0.70 0.00	20.50 0.67 0.00	20.30 0.63 0.00	21.14 0.62 0.00	23.00 0.73 0.00	22.87 0.82 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.23 1.02 0.00	23.60 1.02 0.00	23.53 1.01 0.00	23.69 1.02 0.00	25.57 1.10 0.00	28.44 1.20 0.00	32.62 1.52 0.00	29.21 1.34 0.00	26.56 1.31 0.00	25.19 1.27 0.00	24.79 1.27 0.00	22.47 1.15 0.00	20.67 0.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.00 0.63 0.00	21.95 0.60 0.00	21.04 0.59 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.06 0.53 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.92 0.80 0.00	24.48 0.83 0.00	24.34 0.85 0.00	24.04 0.84 0.00	23.42 0.84 0.00	23.34 0.83 0.00	23.51 0.84 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.40 1.31 0.00	29.02 1.14 0.00	26.36 1.11 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.26 0.94 0.00	20.50 0.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.31 0.93 -0.01	22.28 0.92 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.50 0.83 -0.01	21.26 0.74 0.00	23.00 0.73 0.00	22.89 0.84 0.00	25.06 0.94 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.65 1.32 -0.01	20.88 1.18 -0.01
E179THST_13_KV_LOAD 356214	24.41 1.03 -0.01	22.34 0.98 -0.01	21.42 0.96 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.32 0.80 0.00	23.09 0.82 0.00	22.96 0.90 0.00	25.16 1.04 0.00	24.77 1.11 0.00	24.65 1.15 0.00	24.37 1.16 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.74 1.41 -0.01	20.96 1.26 -0.01
EAST HAMPTON___GT 23717	34.83 2.52 -8.94	27.14 2.31 -3.48	22.73 2.15 -0.13	21.97 2.14 0.00	21.73 2.06 0.00	22.70 2.17 0.00	24.67 2.41 0.00	26.29 2.31 -1.92	31.09 2.80 -4.17	31.84 2.77 -5.42	30.89 2.75 -4.65	31.05 2.69 -5.15	30.77 2.64 -5.54	31.67 2.66 -6.50	33.73 2.70 -8.36	35.37 2.93 -7.96	36.83 3.19 -6.40	41.62 3.85 -6.67	37.34 3.37 -6.09	35.94 3.13 -7.57	34.26 2.70 -7.63	34.24 2.70 -8.02	29.37 2.47 -5.58	25.69 2.24 -3.76
EAST RIVER___6 23660	24.05 0.68 0.00	22.02 0.66 0.00	20.98 0.53 0.00	20.48 0.65 0.00	20.26 0.59 0.00	21.08 0.55 0.00	22.98 0.71 0.00	22.85 0.79 0.00	25.04 0.92 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.54 1.08 0.00	28.44 1.20 0.00	32.52 1.43 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.69 1.00 0.00
EAST RIVER___7 23524	24.05 0.68 0.00	22.02 0.66 0.00	20.98 0.53 0.00	20.48 0.65 0.00	20.26 0.59 0.00	21.08 0.55 0.00	22.98 0.71 0.00	22.85 0.79 0.00	25.04 0.92 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.54 1.08 0.00	28.44 1.20 0.00	32.52 1.43 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.69 1.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.07 0.70 0.00	22.02 0.66 0.00	21.12 0.67 0.00	20.48 0.65 0.00	20.28 0.61 0.00	21.12 0.60 0.00	22.96 0.69 0.00	22.83 0.77 0.00	25.04 0.92 0.00	24.60 0.95 0.00	24.48 0.99 0.00	24.18 0.97 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.64 0.97 0.00	25.50 1.03 0.00	28.39 1.14 0.00	32.55 1.46 0.00	29.16 1.28 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.41 1.09 0.00	20.63 0.95 0.00
EAST_HAMPTON___DIESEL 23722	34.83 2.52 -8.94	27.16 2.33 -3.48	22.73 2.15 -0.13	21.99 2.16 0.00	21.75 2.08 0.00	22.72 2.20 0.00	24.67 2.41 0.00	26.31 2.34 -1.92	31.09 2.80 -4.17	31.87 2.79 -5.42	30.92 2.77 -4.65	31.05 2.69 -5.15	30.77 2.64 -5.54	31.67 2.66 -6.50	33.73 2.70 -8.36	35.39 2.96 -7.96	36.83 3.19 -6.40	41.65 3.89 -6.67	37.37 3.40 -6.09	35.94 3.13 -7.57	34.26 2.70 -7.63	34.24 2.70 -8.02	29.39 2.49 -5.58	25.71 2.26 -3.76
EAST_PULASKI___ESR 323781	22.79 -0.58 0.00	20.80 -0.56 0.00	19.90 -0.55 0.00	19.29 -0.54 0.00	19.16 -0.51 0.00	20.01 -0.51 0.00	21.73 -0.53 0.00	21.55 -0.51 0.00	23.52 -0.60 0.00	23.04 -0.61 0.00	22.86 -0.63 0.00	22.56 -0.65 0.00	21.93 -0.66 0.00	21.86 -0.65 0.00	22.03 -0.63 0.00	23.78 -0.69 0.00	26.56 -0.68 0.00	30.25 -0.84 0.00	27.15 -0.72 0.00	24.54 -0.71 0.00	23.25 -0.67 0.00	22.81 -0.71 0.00	20.68 -0.64 0.00	19.08 -0.61 0.00
EAST_RIVER___1 323558	24.12 0.75 0.00	22.08 0.73 0.00	21.04 0.59 0.00	20.52 0.69 0.00	20.30 0.63 0.00	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.09 0.97 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.71 1.04 0.00	25.59 1.13 0.00	28.47 1.23 0.00	32.59 1.49 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.24 1.31 0.00	24.86 1.34 0.00	22.47 1.15 0.00	20.73 1.04 0.00
EAST_RIVER___2 323559	24.05 0.68 0.00	22.02 0.66 0.00	20.98 0.53 0.00	20.48 0.65 0.00	20.26 0.59 0.00	21.08 0.55 0.00	22.98 0.71 0.00	22.85 0.79 0.00	25.04 0.92 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.54 1.08 0.00	28.44 1.20 0.00	32.52 1.43 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.69 1.00 0.00
EAST___DELAWARE_HYD 23607	24.42 1.05 0.00	22.32 0.96 0.00	21.31 0.86 0.00	20.72 0.89 0.00	20.49 0.83 0.00	21.35 0.82 0.00	23.20 0.94 0.00	23.07 1.02 0.00	25.30 1.18 0.00	24.84 1.18 0.00	24.69 1.20 0.00	24.37 1.16 0.00	23.74 1.15 0.00	23.66 1.15 0.00	23.82 1.16 0.00	25.81 1.34 0.00	28.80 1.55 0.00	32.90 1.80 0.00	29.52 1.64 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.52 1.19 0.00	20.75 1.06 0.00
EIGHT_POINT___WT_PWR 323820	23.56 0.19 0.00	21.46 0.11 0.00	20.82 0.37 0.00	19.88 0.06 0.00	19.84 0.18 0.00	20.65 0.12 0.00	22.45 0.18 0.00	21.94 -0.11 0.00	23.98 -0.14 0.00	23.42 -0.24 0.00	23.17 -0.33 0.00	23.00 -0.21 0.00	22.38 -0.20 0.00	22.26 -0.25 0.00	22.48 -0.18 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.63 -0.47 0.00	27.49 -0.39 0.00	24.69 -0.56 0.00	23.45 -0.48 0.00	22.69 -0.82 0.00	20.75 -0.57 0.00	19.24 -0.45 0.00
ELBRIDGE_115KV_TB2 80188	23.02 -0.35 0.00	21.01 -0.34 0.00	20.12 -0.33 0.00	19.49 -0.34 0.00	19.35 -0.31 0.00	20.22 -0.31 0.00	21.96 -0.31 0.00	21.72 -0.33 0.00	23.71 -0.41 0.00	23.23 -0.43 0.00	23.05 -0.45 0.00	22.77 -0.44 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	24.00 -0.46 0.00	26.78 -0.46 0.00	30.50 -0.59 0.00	27.40 -0.47 0.00	24.79 -0.45 0.00	23.52 -0.41 0.00	23.05 -0.47 0.00	20.92 -0.41 0.00	19.33 -0.35 0.00
ELEC_TRO_TEK 24086	33.41 1.10 -8.94	25.88 1.05 -3.48	21.60 1.02 -0.13	20.80 0.97 0.00	20.59 0.92 0.00	21.43 0.90 0.00	23.36 1.09 0.00	25.14 1.17 -1.92	29.62 1.33 -4.17	30.43 1.35 -5.42	29.53 1.39 -4.65	29.73 1.37 -5.15	29.51 1.38 -5.54	30.36 1.35 -6.50	32.39 1.36 -8.36	33.90 1.47 -7.96	35.28 1.63 -6.40	39.78 2.02 -6.67	35.75 1.78 -6.09	34.53 1.72 -7.57	33.18 1.63 -7.63	33.18 1.65 -8.02	28.37 1.47 -5.58	24.75 1.30 -3.76
ELLENBURG_WT_PWR 323604	24.00 0.63 0.00	21.93 0.58 0.00	21.00 0.55 0.00	20.34 0.51 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.63 0.57 0.00	24.72 0.60 0.00	24.24 0.59 0.00	24.10 0.61 0.00	23.79 0.58 0.00	23.15 0.56 0.00	23.10 0.58 0.00	23.21 0.54 0.00	25.05 0.59 0.00	27.93 0.68 0.00	31.87 0.78 0.00	28.52 0.64 0.00	25.78 0.53 0.00	24.38 0.45 0.00	23.92 0.40 0.00	21.62 0.30 0.00	19.96 0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.60 -0.77 0.00	20.63 -0.73 0.00	19.73 -0.72 0.00	19.09 -0.73 0.00	19.02 -0.65 0.00	19.89 -0.64 0.00	21.64 -0.62 0.00	21.08 -0.97 0.00	23.01 -1.11 0.00	22.47 -1.18 0.00	22.25 -1.25 0.00	22.09 -1.11 0.00	21.52 -1.06 0.00	21.41 -1.10 0.00	21.60 -1.07 0.00	23.27 -1.20 0.00	25.83 -1.42 0.00	28.95 -2.15 0.00	26.40 -1.48 0.00	23.71 -1.54 0.00	22.63 -1.29 0.00	21.87 -1.65 0.00	19.87 -1.45 0.00	18.67 -1.02 0.00
EMPIRE_CC_1 323656	23.67 0.30 0.00	21.65 0.30 0.00	20.67 0.23 0.00	20.12 0.30 0.00	19.94 0.28 0.00	20.87 0.35 0.00	22.60 0.33 0.00	22.34 0.29 0.00	24.50 0.38 0.00	24.08 0.43 0.00	23.92 0.42 0.00	23.60 0.39 0.00	22.95 0.36 0.00	22.92 0.41 0.00	23.05 0.38 0.00	24.91 0.44 0.00	27.60 0.35 0.00	31.53 0.44 0.00	28.24 0.36 0.00	25.70 0.45 0.00	24.31 0.38 0.00	24.01 0.49 0.00	21.68 0.36 0.00	20.06 0.37 0.00
EMPIRE_CC_2 323658	23.67 0.30 0.00	21.65 0.30 0.00	20.67 0.23 0.00	20.12 0.30 0.00	19.94 0.28 0.00	20.87 0.35 0.00	22.60 0.33 0.00	22.34 0.29 0.00	24.50 0.38 0.00	24.08 0.43 0.00	23.92 0.42 0.00	23.60 0.39 0.00	22.95 0.36 0.00	22.92 0.41 0.00	23.05 0.38 0.00	24.91 0.44 0.00	27.60 0.35 0.00	31.53 0.44 0.00	28.24 0.36 0.00	25.70 0.45 0.00	24.31 0.38 0.00	24.01 0.49 0.00	21.68 0.36 0.00	20.06 0.37 0.00
ENORWICH_115KV_TB1 80156	25.38 2.01 0.00	23.13 1.77 0.00	22.09 1.64 0.00	21.37 1.55 0.00	21.24 1.57 0.00	22.21 1.68 0.00	24.09 1.83 0.00	23.93 1.87 0.00	26.12 2.00 0.00	25.52 1.87 0.00	25.23 1.74 0.00	24.78 1.58 0.00	23.99 1.40 0.00	23.89 1.37 0.00	24.09 1.43 0.00	26.16 1.69 0.00	29.43 2.18 0.00	33.49 2.39 0.00	30.08 2.20 0.00	27.12 1.87 0.00	25.62 1.70 0.00	25.00 1.48 0.00	22.56 1.24 0.00	20.79 1.10 0.00
ERIE_ST__34_KV_TB1-2 80199	23.09 -0.28 0.00	21.05 -0.30 0.00	20.12 -0.33 0.00	19.47 -0.36 0.00	19.41 -0.26 0.00	20.30 -0.23 0.00	22.09 -0.18 0.00	21.52 -0.53 0.00	23.49 -0.63 0.00	22.97 -0.69 0.00	22.72 -0.78 0.00	22.58 -0.63 0.00	21.98 -0.61 0.00	21.86 -0.65 0.00	22.05 -0.61 0.00	23.76 -0.71 0.00	26.40 -0.84 0.00	29.66 -1.43 0.00	27.01 -0.86 0.00	24.31 -0.93 0.00	23.18 -0.74 0.00	22.41 -1.11 0.00	20.34 -0.98 0.00	19.08 -0.61 0.00
ERIE_WT_PWR 323693	22.81 -0.56 0.00	20.82 -0.53 0.00	20.33 -0.12 0.00	19.31 -0.52 0.00	19.31 -0.35 0.00	20.07 -0.45 0.00	21.84 -0.42 0.00	21.26 -0.79 0.00	23.23 -0.89 0.00	22.68 -0.97 0.00	22.46 -1.03 0.00	22.30 -0.91 0.00	21.73 -0.86 0.00	21.61 -0.90 0.00	21.83 -0.84 0.00	23.49 -0.98 0.00	26.07 -1.17 0.00	29.60 -1.49 0.00	26.68 -1.20 0.00	23.96 -1.29 0.00	22.87 -1.05 0.00	22.08 -1.44 0.00	20.34 -0.98 0.00	18.94 -0.75 0.00
ESPRGFLD_115KV_TB1 80157	24.37 1.00 0.00	22.25 0.90 0.00	21.29 0.84 0.00	20.60 0.77 0.00	20.47 0.81 0.00	21.39 0.86 0.00	23.20 0.94 0.00	23.05 0.99 0.00	25.28 1.16 0.00	24.79 1.14 0.00	24.62 1.13 0.00	24.27 1.07 0.00	23.58 0.99 0.00	23.48 0.97 0.00	23.69 1.02 0.00	25.64 1.17 0.00	28.66 1.42 0.00	32.68 1.59 0.00	29.33 1.45 0.00	26.51 1.26 0.00	25.14 1.22 0.00	24.67 1.15 0.00	22.30 0.98 0.00	20.54 0.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.67 0.30 0.00	21.61 0.26 0.00	20.67 0.22 0.00	20.02 0.20 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.58 0.31 0.00	22.34 0.29 0.00	24.41 0.29 0.00	23.89 0.24 0.00	23.68 0.19 0.00	23.41 0.21 0.00	22.74 0.16 0.00	22.67 0.16 0.00	22.85 0.18 0.00	24.69 0.22 0.00	27.57 0.33 0.00	31.40 0.31 0.00	28.21 0.33 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.66 0.14 0.00	21.43 0.11 0.00	19.81 0.12 0.00
ETNA____115KV_TB2 80207	23.67 0.30 0.00	21.61 0.26 0.00	20.67 0.22 0.00	20.02 0.20 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.58 0.31 0.00	22.34 0.29 0.00	24.41 0.29 0.00	23.89 0.24 0.00	23.68 0.19 0.00	23.41 0.21 0.00	22.74 0.16 0.00	22.67 0.16 0.00	22.85 0.18 0.00	24.69 0.22 0.00	27.57 0.33 0.00	31.40 0.31 0.00	28.21 0.33 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.66 0.14 0.00	21.43 0.11 0.00	19.81 0.12 0.00
EUCLID____115KV_TB2 356179	22.90 -0.47 0.00	20.93 -0.43 0.00	20.04 -0.41 0.00	19.41 -0.42 0.00	19.27 -0.39 0.00	20.13 -0.39 0.00	21.85 -0.42 0.00	21.61 -0.44 0.00	23.61 -0.51 0.00	23.13 -0.52 0.00	22.95 -0.54 0.00	22.67 -0.53 0.00	22.07 -0.52 0.00	21.99 -0.52 0.00	22.17 -0.50 0.00	23.91 -0.56 0.00	26.67 -0.57 0.00	30.38 -0.72 0.00	27.29 -0.59 0.00	24.67 -0.58 0.00	23.40 -0.53 0.00	22.95 -0.56 0.00	20.83 -0.49 0.00	19.26 -0.43 0.00
E_CANADA_CAP_HY 24051	24.58 1.21 0.00	22.44 1.09 0.00	21.47 1.02 0.00	20.80 0.97 0.00	20.65 0.98 0.00	21.57 1.05 0.00	23.36 1.09 0.00	23.18 1.12 0.00	25.45 1.33 0.00	24.95 1.30 0.00	24.81 1.31 0.00	24.46 1.25 0.00	23.76 1.17 0.00	23.64 1.13 0.00	23.84 1.18 0.00	25.84 1.37 0.00	28.83 1.58 0.00	32.90 1.80 0.00	29.52 1.64 0.00	26.71 1.46 0.00	25.34 1.41 0.00	24.93 1.41 0.00	22.54 1.21 0.00	20.73 1.04 0.00
E_CANADA_MHWK_HY 24050	23.65 0.28 0.00	21.59 0.24 0.00	20.65 0.20 0.00	20.02 0.20 0.00	19.84 0.18 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.23 0.18 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.83 0.16 0.00	24.62 0.15 0.00	27.36 0.11 0.00	31.19 0.09 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.92 0.00 0.00	23.54 0.02 0.00	21.30 -0.02 0.00	19.67 -0.02 0.00
E_FISHKILL__LBMP 23776	23.98 0.61 0.00	21.93 0.58 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.20 0.53 0.00	21.06 0.53 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.92 0.80 0.00	24.48 0.83 0.00	24.34 0.85 0.00	24.04 0.84 0.00	23.42 0.84 0.00	23.34 0.83 0.00	23.51 0.84 0.00	25.37 0.91 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.96 1.09 0.00	26.31 1.06 0.00	24.93 1.00 0.00	24.57 1.06 0.00	22.26 0.94 0.00	20.50 0.81 0.00
FALCON__SEABRD_CC1 323796	24.35 0.98 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.62 0.79 0.00	20.47 0.81 0.00	21.35 0.82 0.00	23.16 0.89 0.00	22.94 0.88 0.00	25.09 0.97 0.00	24.60 0.95 0.00	24.46 0.96 0.00	24.14 0.93 0.00	23.49 0.90 0.00	23.41 0.90 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.34 1.09 0.00	32.34 1.25 0.00	28.96 1.09 0.00	26.13 0.88 0.00	24.71 0.79 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00
FALCON__SEABRD_CC2 323797	24.35 0.98 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.62 0.79 0.00	20.47 0.81 0.00	21.35 0.82 0.00	23.16 0.89 0.00	22.94 0.88 0.00	25.09 0.97 0.00	24.60 0.95 0.00	24.46 0.96 0.00	24.14 0.93 0.00	23.49 0.90 0.00	23.41 0.90 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.34 1.09 0.00	32.34 1.25 0.00	28.96 1.09 0.00	26.13 0.88 0.00	24.71 0.79 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00

FAR ROCKAWAY___4 23548	33.71 1.40 -8.94	26.14 1.30 -3.48	21.85 1.27 -0.13	21.01 1.19 0.00	20.81 1.14 0.00	21.67 1.15 0.00	23.60 1.34 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.81 1.67 -4.65	30.00 1.65 -5.15	29.76 1.63 -5.54	30.63 1.62 -6.50	32.66 1.63 -8.36	34.17 1.74 -7.96	35.61 1.96 -6.40	40.19 2.43 -6.67	36.11 2.15 -6.09	34.86 2.04 -7.57	33.52 1.96 -7.63	33.49 1.95 -8.02	28.65 1.75 -5.58	24.98 1.54 -3.76
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.18 0.66 0.00	23.05 0.78 0.00	22.94 0.88 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.60 1.10 0.00	24.32 1.11 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.74 1.65 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.58 1.26 0.00	20.77 1.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.16 0.79 0.00	22.12 0.77 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.18 0.66 0.00	23.05 0.78 0.00	22.94 0.88 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.60 1.10 0.00	24.32 1.11 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.74 1.65 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.58 1.26 0.00	20.77 1.08 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
FARRAGUT___LBMP 323566	24.12 0.75 0.00	22.08 0.73 0.00	21.19 0.74 0.00	20.52 0.69 0.00	20.32 0.65 0.00	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.68 1.59 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
FENNER___WINDPWR 24204	23.79 0.42 0.00	21.69 0.34 0.00	20.80 0.35 0.00	20.12 0.30 0.00	20.00 0.33 0.00	20.87 0.35 0.00	22.67 0.40 0.00	22.47 0.42 0.00	24.55 0.43 0.00	24.06 0.40 0.00	23.87 0.37 0.00	23.55 0.35 0.00	22.90 0.32 0.00	22.83 0.32 0.00	23.01 0.34 0.00	24.81 0.34 0.00	27.68 0.43 0.00	31.50 0.40 0.00	28.24 0.36 0.00	25.55 0.30 0.00	24.19 0.26 0.00	23.73 0.21 0.00	21.51 0.19 0.00	19.91 0.22 0.00
FIBERTEK___ENERGY 23856	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
FITZPATRICK___ 23598	22.64 -0.72 0.00	20.67 -0.68 0.00	19.84 -0.61 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.58 -0.69 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.36 -0.88 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.62 -0.70 0.00	19.04 -0.65 0.00
FLOWRFLD_69_KV_BK1 356044	33.92 1.61 -8.94	26.33 1.49 -3.48	22.05 1.47 -0.13	21.23 1.41 0.00	21.02 1.36 0.00	21.86 1.33 0.00	23.83 1.56 0.00	25.56 1.59 -1.92	30.17 1.88 -4.17	30.99 1.92 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.90 1.89 -6.50	32.91 1.88 -8.36	34.49 2.06 -7.96	35.91 2.26 -6.40	40.50 2.74 -6.67	36.34 2.37 -6.09	35.04 2.22 -7.57	33.57 2.01 -7.63	33.56 2.02 -8.02	28.76 1.86 -5.58	25.10 1.65 -3.76
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.23 0.86 0.00	22.16 0.81 0.00	21.25 0.80 0.00	20.60 0.77 0.00	20.40 0.73 0.00	21.24 0.72 0.00	23.07 0.80 0.00	22.91 0.86 0.00	25.16 1.04 0.00	24.69 1.04 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.27 1.39 0.00	26.58 1.34 0.00	25.19 1.27 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.67 0.98 0.00
FORT ORANGE___ 23900	23.81 0.44 0.00	21.78 0.43 0.00	20.82 0.37 0.00	20.26 0.44 0.00	20.08 0.41 0.00	20.98 0.45 0.00	22.74 0.47 0.00	22.52 0.46 0.00	24.58 0.46 0.00	24.10 0.45 0.00	23.92 0.42 0.00	23.62 0.42 0.00	22.99 0.41 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.68 0.43 0.00	31.62 0.53 0.00	28.35 0.47 0.00	25.75 0.50 0.00	24.40 0.48 0.00	24.08 0.56 0.00	21.79 0.47 0.00	20.14 0.45 0.00
FORT_DRUM_COGEN 23780	23.04 -0.33 0.00	21.01 -0.34 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.33 -0.33 0.00	20.22 -0.31 0.00	21.93 -0.33 0.00	21.85 -0.20 0.00	23.88 -0.24 0.00	23.37 -0.28 0.00	23.17 -0.33 0.00	22.79 -0.42 0.00	22.13 -0.45 0.00	22.06 -0.45 0.00	22.24 -0.43 0.00	23.98 -0.49 0.00	26.84 -0.41 0.00	30.57 -0.53 0.00	27.37 -0.50 0.00	24.72 -0.53 0.00	23.40 -0.53 0.00	22.91 -0.61 0.00	20.70 -0.62 0.00	19.06 -0.63 0.00
FOX_HILLS___ESR 323835	24.41 1.03 -0.01	22.32 0.96 -0.01	21.42 0.96 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.32 0.80 0.00	23.18 0.91 0.00	23.05 0.99 0.00	25.25 1.13 0.00	24.84 1.18 0.00	24.76 1.27 0.00	24.48 1.28 0.00	23.87 1.29 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.77 1.53 0.00	33.02 1.93 0.00	29.58 1.70 0.00	26.91 1.64 -0.02	25.50 1.58 0.00	25.12 1.60 0.00	22.78 1.45 -0.01	20.96 1.26 -0.01
FPL_FAR_ROCK_GT1 24212	33.69 1.38 -8.94	26.14 1.30 -3.48	21.72 1.14 -0.13	21.01 1.19 0.00	20.79 1.12 0.00	21.71 1.19 0.00	23.60 1.34 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.81 1.67 -4.65	30.01 1.65 -5.15	29.76 1.63 -5.54	30.63 1.62 -6.50	32.66 1.63 -8.36	34.17 1.74 -7.96	35.61 1.96 -6.40	40.10 2.33 -6.67	36.11 2.15 -6.09	34.86 2.04 -7.57	33.52 1.96 -7.63	33.49 1.95 -8.02	28.61 1.71 -5.58	24.96 1.52 -3.76
FPL_FAR_ROCK_GT2 23815	33.69 1.38 -8.94	26.14 1.30 -3.48	21.72 1.14 -0.13	21.01 1.19 0.00	20.79 1.12 0.00	21.71 1.19 0.00	23.60 1.34 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.81 1.67 -4.65	30.01 1.65 -5.15	29.76 1.63 -5.54	30.63 1.62 -6.50	32.66 1.63 -8.36	34.17 1.74 -7.96	35.61 1.96 -6.40	40.10 2.33 -6.67	36.11 2.15 -6.09	34.86 2.04 -7.57	33.52 1.96 -7.63	33.49 1.95 -8.02	28.61 1.71 -5.58	24.96 1.52 -3.76



FRANKLIN_FALL_HYD 24054	24.05 0.68 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.22 0.55 0.00	21.08 0.55 0.00	22.89 0.62 0.00	22.69 0.64 0.00	24.82 0.70 0.00	24.36 0.71 0.00	24.22 0.73 0.00	23.88 0.67 0.00	23.24 0.66 0.00	23.16 0.65 0.00	23.30 0.63 0.00	25.15 0.69 0.00	28.06 0.82 0.00	32.03 0.93 0.00	28.66 0.78 0.00	25.88 0.63 0.00	24.45 0.53 0.00	23.96 0.45 0.00	21.66 0.34 0.00	19.98 0.30 0.00
FREEPORT_EQUS_GT1 23764	33.62 1.31 -8.94	26.07 1.24 -3.48	21.66 1.08 -0.13	20.95 1.13 0.00	20.73 1.06 0.00	21.63 1.11 0.00	23.54 1.27 0.00	25.34 1.37 -1.92	29.84 1.55 -4.17	30.64 1.56 -5.42	29.74 1.60 -4.65	29.94 1.58 -5.15	29.71 1.58 -5.54	30.56 1.55 -6.50	32.59 1.56 -8.36	34.12 1.69 -7.96	35.52 1.88 -6.40	40.00 2.24 -6.67	36.00 2.03 -6.09	34.76 1.94 -7.57	33.40 1.84 -7.63	33.40 1.86 -8.02	28.52 1.62 -5.58	24.90 1.46 -3.76
FREEPORT___CT2 23818	33.62 1.31 -8.94	26.07 1.24 -3.48	21.66 1.08 -0.13	20.95 1.13 0.00	20.73 1.06 0.00	21.63 1.11 0.00	23.54 1.27 0.00	25.34 1.37 -1.92	29.84 1.55 -4.17	30.64 1.56 -5.42	29.74 1.60 -4.65	29.94 1.58 -5.15	29.71 1.58 -5.54	30.56 1.55 -6.50	32.59 1.56 -8.36	34.12 1.69 -7.96	35.52 1.88 -6.40	40.00 2.24 -6.67	36.00 2.03 -6.09	34.76 1.94 -7.57	33.40 1.84 -7.63	33.40 1.86 -8.02	28.52 1.62 -5.58	24.90 1.46 -3.76
FRESHKLS_33_KV_LOAD 356253	24.43 1.05 -0.01	22.32 0.96 -0.01	21.42 0.96 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.30 0.78 0.00	23.18 0.91 0.00	23.05 0.99 0.00	25.23 1.11 0.00	24.84 1.18 0.00	24.74 1.25 0.00	24.46 1.25 0.00	23.85 1.26 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.77 1.53 0.00	33.02 1.93 0.00	29.58 1.70 0.00	26.91 1.64 -0.02	25.53 1.60 0.00	25.12 1.60 0.00	22.78 1.45 -0.01	20.96 1.26 -0.01
FULTON COGEN____ 23766	22.81 -0.56 0.00	20.82 -0.53 0.00	19.94 -0.51 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.03 -0.49 0.00	21.73 -0.53 0.00	21.52 -0.53 0.00	23.49 -0.63 0.00	23.01 -0.64 0.00	22.84 -0.66 0.00	22.58 -0.63 0.00	21.95 -0.63 0.00	21.88 -0.63 0.00	22.05 -0.61 0.00	23.81 -0.66 0.00	26.54 -0.71 0.00	30.25 -0.84 0.00	27.15 -0.72 0.00	24.57 -0.68 0.00	23.30 -0.62 0.00	22.86 -0.66 0.00	20.75 -0.58 0.00	19.18 -0.51 0.00
FULTON___LFGE 323630	25.45 2.08 0.00	23.19 1.84 0.00	22.17 1.72 0.00	21.43 1.61 0.00	21.32 1.65 0.00	22.23 1.70 0.00	24.09 1.83 0.00	23.86 1.81 0.00	26.27 2.15 0.00	25.69 2.03 0.00	25.49 2.00 0.00	25.11 1.90 0.00	24.39 1.81 0.00	24.22 1.71 0.00	24.46 1.79 0.00	26.55 2.08 0.00	29.72 2.48 0.00	33.92 2.83 0.00	30.53 2.65 0.00	27.60 2.35 0.00	26.24 2.32 0.00	25.80 2.28 0.00	23.28 1.96 0.00	21.34 1.65 0.00
G.F.CEMENT___DRP 24184	24.47 1.10 0.00	22.34 0.98 0.00	21.39 0.94 0.00	20.76 0.93 0.00	20.59 0.92 0.00	21.53 1.01 0.00	23.29 1.02 0.00	23.07 1.01 0.00	25.33 1.21 0.00	24.81 1.16 0.00	24.60 1.10 0.00	24.27 1.07 0.00	23.58 0.99 0.00	23.48 0.97 0.00	23.69 1.02 0.00	25.67 1.20 0.00	28.69 1.44 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.67 0.98 0.00
GARDENVILLE___LBMP 24039	22.72 -0.65 0.00	20.73 -0.62 0.00	19.82 -0.63 0.00	19.17 -0.65 0.00	19.12 -0.55 0.00	19.99 -0.53 0.00	21.76 -0.51 0.00	21.17 -0.88 0.00	23.13 -0.99 0.00	22.59 -1.06 0.00	22.37 -1.13 0.00	22.21 -1.00 0.00	21.64 -0.95 0.00	21.52 -0.99 0.00	21.71 -0.95 0.00	23.39 -1.08 0.00	25.97 -1.28 0.00	29.13 -1.96 0.00	26.54 -1.34 0.00	23.83 -1.41 0.00	22.75 -1.17 0.00	21.96 -1.55 0.00	19.96 -1.36 0.00	18.74 -0.95 0.00
GARDNVLA_35_KV_LD 355827	22.83 -0.54 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.27 -0.56 0.00	19.22 -0.45 0.00	20.09 -0.43 0.00	21.87 -0.40 0.00	21.30 -0.75 0.00	23.25 -0.87 0.00	22.73 -0.92 0.00	22.48 -1.01 0.00	22.35 -0.86 0.00	21.75 -0.84 0.00	21.66 -0.86 0.00	21.85 -0.82 0.00	23.51 -0.95 0.00	26.13 -1.12 0.00	29.29 -1.80 0.00	26.70 -1.17 0.00	23.98 -1.26 0.00	22.90 -1.03 0.00	22.11 -1.41 0.00	20.09 -1.24 0.00	18.84 -0.85 0.00
GELCKHM___115KV_LOAD 80723	22.97 -0.40 0.00	20.99 -0.36 0.00	20.08 -0.37 0.00	19.47 -0.36 0.00	19.33 -0.33 0.00	20.20 -0.33 0.00	21.91 -0.36 0.00	21.68 -0.37 0.00	23.69 -0.43 0.00	23.20 -0.45 0.00	23.02 -0.47 0.00	22.77 -0.44 0.00	22.13 -0.45 0.00	22.06 -0.45 0.00	22.24 -0.43 0.00	24.00 -0.46 0.00	26.76 -0.49 0.00	30.47 -0.62 0.00	27.37 -0.50 0.00	24.77 -0.48 0.00	23.47 -0.45 0.00	23.02 -0.49 0.00	20.90 -0.43 0.00	19.31 -0.37 0.00
GENERAL___MILLS 23808	22.79 -0.58 0.00	20.80 -0.56 0.00	19.90 -0.55 0.00	19.25 -0.57 0.00	19.18 -0.49 0.00	20.05 -0.47 0.00	21.82 -0.45 0.00	21.26 -0.79 0.00	23.20 -0.92 0.00	22.68 -0.97 0.00	22.44 -1.06 0.00	22.30 -0.91 0.00	21.71 -0.88 0.00	21.61 -0.90 0.00	21.81 -0.86 0.00	23.47 -1.00 0.00	26.05 -1.20 0.00	29.23 -1.87 0.00	26.65 -1.23 0.00	23.93 -1.31 0.00	22.85 -1.08 0.00	22.06 -1.46 0.00	20.04 -1.28 0.00	18.80 -0.89 0.00
GE_PLASTICS___DRP 24183	23.70 0.33 0.00	21.67 0.32 0.00	20.78 0.33 0.00	20.18 0.36 0.00	20.00 0.33 0.00	20.89 0.37 0.00	22.62 0.36 0.00	22.43 0.37 0.00	24.51 0.39 0.00	24.03 0.38 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.63 0.38 0.00	31.59 0.50 0.00	28.29 0.42 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.01 0.49 0.00	21.77 0.45 0.00	20.08 0.39 0.00
GILBOA___1 23756	23.72 0.35 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.01 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.76 0.52 0.00	31.72 0.62 0.00	28.43 0.56 0.00	25.80 0.55 0.00	24.43 0.50 0.00	24.06 0.54 0.00	21.77 0.45 0.00	20.10 0.41 0.00
GILBOA___2 23757	23.72 0.35 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.01 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.76 0.52 0.00	31.72 0.62 0.00	28.43 0.56 0.00	25.80 0.55 0.00	24.43 0.50 0.00	24.06 0.54 0.00	21.77 0.45 0.00	20.10 0.41 0.00
GILBOA___3 23758	23.72 0.35 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.01 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.76 0.52 0.00	31.72 0.62 0.00	28.43 0.56 0.00	25.80 0.55 0.00	24.43 0.50 0.00	24.06 0.54 0.00	21.77 0.45 0.00	20.10 0.41 0.00

GILBOA___4 23759	23.72 0.35 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.01 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.76 0.52 0.00	31.72 0.62 0.00	28.43 0.56 0.00	25.80 0.55 0.00	24.43 0.50 0.00	24.06 0.54 0.00	21.77 0.45 0.00	20.10 0.41 0.00
GILBOA____ 23599	23.72 0.35 0.00	21.67 0.32 0.00	20.78 0.33 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	23.02 0.43 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.76 0.52 0.00	31.75 0.65 0.00	28.43 0.56 0.00	25.80 0.56 0.00	24.43 0.50 0.00	24.06 0.54 0.00	21.79 0.47 0.00	20.10 0.41 0.00
GINNA____ 23603	21.76 -1.61 0.00	19.82 -1.54 0.00	19.18 -1.27 0.00	18.40 -1.43 0.00	18.33 -1.34 0.00	19.09 -1.44 0.00	20.75 -1.52 0.00	20.49 -1.57 0.00	22.36 -1.76 0.00	21.88 -1.77 0.00	21.66 -1.83 0.00	21.42 -1.79 0.00	20.85 -1.74 0.00	20.78 -1.73 0.00	20.94 -1.72 0.00	22.61 -1.86 0.00	25.26 -1.99 0.00	28.73 -2.36 0.00	25.78 -2.09 0.00	23.23 -2.02 0.00	22.10 -1.82 0.00	21.54 -1.98 0.00	19.68 -1.64 0.00	18.17 -1.52 0.00
GLEN PARK____ 23778	23.04 -0.33 0.00	20.99 -0.36 0.00	20.10 -0.35 0.00	19.45 -0.38 0.00	19.33 -0.33 0.00	20.22 -0.31 0.00	21.94 -0.33 0.00	21.85 -0.20 0.00	23.88 -0.24 0.00	23.37 -0.28 0.00	23.17 -0.33 0.00	22.76 -0.44 0.00	22.11 -0.48 0.00	22.04 -0.47 0.00	22.24 -0.43 0.00	24.00 -0.47 0.00	26.89 -0.35 0.00	30.63 -0.47 0.00	27.43 -0.45 0.00	24.77 -0.48 0.00	23.42 -0.50 0.00	22.93 -0.59 0.00	20.73 -0.60 0.00	19.06 -0.63 0.00
GLENDALE_27_KV_LOAD 356172	24.36 0.98 -0.01	22.30 0.94 -0.01	21.40 0.94 -0.01	20.73 0.89 -0.01	20.52 0.85 -0.01	21.32 0.80 0.00	23.18 0.91 0.00	23.07 1.01 0.00	25.28 1.16 0.00	24.86 1.21 0.00	24.76 1.27 0.00	24.48 1.28 0.00	23.87 1.29 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.74 1.50 0.00	32.96 1.87 0.00	29.52 1.64 0.00	26.86 1.62 0.00	25.48 1.56 0.00	25.07 1.55 0.00	22.76 1.43 -0.01	20.94 1.24 -0.01
GLENWOOD_IC_1_G5 23712	33.55 1.24 -8.94	25.99 1.15 -3.48	21.72 1.15 -0.13	20.90 1.07 0.00	20.69 1.02 0.00	21.55 1.03 0.00	23.47 1.20 0.00	25.25 1.28 -1.92	29.76 1.47 -4.17	30.57 1.49 -5.42	29.65 1.50 -4.65	29.87 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.53 1.50 -8.36	34.05 1.61 -7.96	35.44 1.80 -6.40	39.97 2.21 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.33 1.79 -8.02	28.50 1.60 -5.58	24.84 1.40 -3.76
GLENWOOD_IC_2_G1 23688	33.45 1.14 -8.94	25.92 1.09 -3.48	21.54 0.96 -0.13	20.84 1.01 0.00	20.61 0.94 0.00	21.51 0.99 0.00	23.40 1.14 0.00	25.18 1.21 -1.92	29.67 1.37 -4.17	30.50 1.42 -5.42	29.58 1.43 -4.65	29.80 1.44 -5.15	29.55 1.42 -5.54	30.43 1.42 -6.50	32.44 1.41 -8.36	33.95 1.52 -7.96	35.33 1.69 -6.40	39.78 2.02 -6.67	35.84 1.87 -6.09	34.58 1.77 -7.57	33.26 1.70 -7.63	33.23 1.69 -8.02	28.37 1.47 -5.58	24.77 1.32 -3.76
GLENWOOD_IC_3_G1 23689	33.45 1.14 -8.94	25.92 1.09 -3.48	21.54 0.96 -0.13	20.84 1.01 0.00	20.61 0.94 0.00	21.51 0.99 0.00	23.40 1.14 0.00	25.18 1.21 -1.92	29.67 1.37 -4.17	30.50 1.42 -5.42	29.58 1.43 -4.65	29.80 1.44 -5.15	29.55 1.42 -5.54	30.43 1.42 -6.50	32.44 1.41 -8.36	33.95 1.52 -7.96	35.33 1.69 -6.40	39.78 2.02 -6.67	35.84 1.87 -6.09	34.58 1.77 -7.57	33.26 1.70 -7.63	33.23 1.69 -8.02	28.37 1.47 -5.58	24.77 1.32 -3.76
GLENWOOD___4 23550	33.55 1.24 -8.94	25.99 1.15 -3.48	21.72 1.15 -0.13	20.90 1.07 0.00	20.69 1.02 0.00	21.55 1.03 0.00	23.47 1.20 0.00	25.25 1.28 -1.92	29.76 1.47 -4.17	30.57 1.49 -5.42	29.65 1.50 -4.65	29.87 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.53 1.50 -8.36	34.05 1.61 -7.96	35.44 1.80 -6.40	39.97 2.21 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.33 1.79 -8.02	28.50 1.60 -5.58	24.84 1.40 -3.76
GLENWOOD___5 23614	33.55 1.24 -8.94	25.99 1.15 -3.48	21.72 1.15 -0.13	20.90 1.07 0.00	20.69 1.02 0.00	21.55 1.03 0.00	23.47 1.20 0.00	25.25 1.28 -1.92	29.76 1.47 -4.17	30.57 1.49 -5.42	29.65 1.50 -4.65	29.87 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.53 1.50 -8.36	34.05 1.61 -7.96	35.44 1.80 -6.40	39.97 2.21 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.33 1.79 -8.02	28.50 1.60 -5.58	24.84 1.40 -3.76
GLOBAL GREEN_PORT_GT1 23814	34.78 2.48 -8.94	27.12 2.29 -3.48	22.69 2.11 -0.13	21.95 2.12 0.00	21.71 2.05 0.00	22.68 2.15 0.00	24.63 2.36 0.00	26.26 2.29 -1.92	31.04 2.75 -4.17	31.82 2.74 -5.42	30.87 2.72 -4.65	31.02 2.67 -5.15	30.75 2.62 -5.54	31.64 2.63 -6.50	33.70 2.67 -8.36	35.34 2.91 -7.96	36.80 3.16 -6.40	41.59 3.82 -6.67	37.31 3.34 -6.09	35.89 3.08 -7.57	34.24 2.68 -7.63	34.22 2.68 -8.02	29.35 2.45 -5.58	25.67 2.22 -3.76
GLOBE___DSASP 323697	21.76 -1.61 0.00	19.88 -1.47 0.00	19.10 -1.35 0.00	18.50 -1.33 0.00	18.33 -1.34 0.00	19.25 -1.27 0.00	20.87 -1.40 0.00	20.29 -1.76 0.00	22.14 -1.98 0.00	21.62 -2.03 0.00	21.40 -2.09 0.00	21.26 -1.95 0.00	20.71 -1.87 0.00	20.60 -1.91 0.00	20.76 -1.90 0.00	22.36 -2.10 0.00	24.82 -2.42 0.00	27.77 -3.33 0.00	25.37 -2.51 0.00	22.77 -2.47 0.00	21.79 -2.13 0.00	21.02 -2.49 0.00	19.13 -2.20 0.00	18.00 -1.69 0.00
GOETHSLN___LBMP 323567	23.98 0.61 0.00	21.95 0.60 0.00	21.06 0.61 0.00	20.42 0.59 0.00	20.22 0.55 0.00	21.02 0.49 0.00	22.89 0.62 0.00	22.78 0.73 0.00	24.96 0.84 0.00	24.55 0.90 0.00	24.43 0.94 0.00	24.16 0.95 0.00	23.53 0.95 0.00	23.46 0.95 0.00	23.62 0.95 0.00	25.47 1.00 0.00	28.36 1.12 0.00	32.52 1.43 0.00	29.13 1.25 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.43 1.11 0.00	20.65 0.96 0.00
GOLAH___69_KV_TB 1_2 80279	22.53 -0.84 0.00	20.54 -0.81 0.00	19.65 -0.80 0.00	19.07 -0.75 0.00	18.98 -0.69 0.00	19.87 -0.66 0.00	21.60 -0.67 0.00	21.26 -0.79 0.00	23.11 -1.01 0.00	22.59 -1.06 0.00	22.34 -1.15 0.00	22.12 -1.09 0.00	21.55 -1.04 0.00	21.48 -1.04 0.00	21.65 -1.02 0.00	23.37 -1.10 0.00	26.05 -1.20 0.00	29.41 -1.68 0.00	26.59 -1.28 0.00	23.86 -1.39 0.00	22.78 -1.15 0.00	22.13 -1.39 0.00	20.09 -1.24 0.00	18.74 -0.95 0.00
GOODYEAR_LAKE_HYD 323669	24.14 0.77 0.00	22.04 0.68 0.00	21.10 0.65 0.00	20.44 0.61 0.00	20.28 0.61 0.00	21.18 0.66 0.00	23.00 0.73 0.00	22.85 0.79 0.00	25.04 0.92 0.00	24.55 0.90 0.00	24.39 0.89 0.00	24.04 0.84 0.00	23.35 0.77 0.00	23.28 0.77 0.00	23.46 0.79 0.00	25.37 0.91 0.00	28.34 1.09 0.00	32.34 1.24 0.00	29.02 1.14 0.00	26.26 1.01 0.00	24.88 0.96 0.00	24.41 0.89 0.00	22.09 0.77 0.00	20.36 0.67 0.00

GOUDEY___7 23579	23.42 0.05 0.00	21.40 0.04 0.00	20.47 0.02 0.00	19.83 0.00 0.00	19.71 0.04 0.00	20.59 0.06 0.00	22.36 0.09 0.00	22.05 0.00 0.00	24.12 0.00 0.00	23.61 -0.05 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.54 -0.05 0.00	22.44 -0.07 0.00	22.62 -0.05 0.00	24.42 -0.05 0.00	27.25 0.00 0.00	31.00 -0.09 0.00	27.90 0.03 0.00	25.22 -0.03 0.00	23.92 0.00 0.00	23.40 -0.12 0.00	21.22 -0.11 0.00	19.65 -0.04 0.00
GOUDEY___8 23580	23.42 0.05 0.00	21.37 0.02 0.00	20.47 0.02 0.00	19.83 0.00 0.00	19.69 0.02 0.00	20.57 0.04 0.00	22.34 0.07 0.00	22.03 -0.02 0.00	24.10 -0.02 0.00	23.61 -0.05 0.00	23.40 -0.09 0.00	23.16 -0.05 0.00	22.54 -0.05 0.00	22.44 -0.07 0.00	22.62 -0.05 0.00	24.40 -0.07 0.00	27.22 -0.03 0.00	30.97 -0.12 0.00	27.88 0.00 0.00	25.20 -0.05 0.00	23.90 -0.02 0.00	23.38 -0.14 0.00	21.19 -0.13 0.00	19.65 -0.04 0.00
GOWANUS_GT1_1 24077	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_2 24078	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_3 24079	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_4 24080	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_5 24084	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_6 24111	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_7 24112	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT1_8 24113	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT2_1 24114	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_2 24115	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_3 24116	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_4 24117	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01

GOWANUS_GT2_5 24118	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_6 24119	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_7 24120	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT2_8 24121	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_1 24122	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_2 24123	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_3 24124	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_4 24125	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_5 24126	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_6 24127	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_7 24128	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT3_8 24129	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
GOWANUS_GT4_1 24130	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_2 24131	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_3 24132	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01

GOWANUS_GT4_4 24133	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_5 24134	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_6 24135	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_7 24136	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GOWANUS_GT4_8 24137	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GREENBSH_115KV_TB3 55895	23.65 0.28 0.00	21.63 0.28 0.00	20.74 0.29 0.00	20.14 0.32 0.00	19.98 0.31 0.00	20.85 0.33 0.00	22.60 0.33 0.00	22.38 0.33 0.00	24.41 0.29 0.00	23.96 0.31 0.00	23.78 0.28 0.00	23.51 0.30 0.00	22.86 0.27 0.00	22.80 0.29 0.00	22.96 0.29 0.00	24.76 0.29 0.00	27.49 0.25 0.00	31.47 0.37 0.00	28.15 0.28 0.00	25.58 0.33 0.00	24.23 0.31 0.00	23.94 0.42 0.00	21.71 0.38 0.00	20.04 0.35 0.00
GREENDGE_115KV_TB5 80291	23.39 0.02 0.00	21.33 -0.02 0.00	20.41 -0.04 0.00	19.75 -0.08 0.00	19.65 -0.02 0.00	20.54 0.02 0.00	22.34 0.07 0.00	21.99 -0.07 0.00	24.02 -0.10 0.00	23.49 -0.17 0.00	23.26 -0.23 0.00	23.02 -0.19 0.00	22.38 -0.20 0.00	22.26 -0.25 0.00	22.46 -0.20 0.00	24.25 -0.22 0.00	27.11 -0.14 0.00	30.75 -0.34 0.00	27.76 -0.11 0.00	25.02 -0.23 0.00	23.76 -0.17 0.00	23.12 -0.40 0.00	20.94 -0.38 0.00	19.43 -0.26 0.00
GREENIDGE___3 23582	23.39 0.02 0.00	21.33 -0.02 0.00	20.41 -0.04 0.00	19.75 -0.08 0.00	19.65 -0.02 0.00	20.54 0.02 0.00	22.34 0.07 0.00	21.99 -0.07 0.00	24.02 -0.10 0.00	23.49 -0.17 0.00	23.26 -0.23 0.00	23.02 -0.19 0.00	22.38 -0.20 0.00	22.26 -0.25 0.00	22.46 -0.20 0.00	24.25 -0.22 0.00	27.11 -0.14 0.00	30.75 -0.34 0.00	27.76 -0.11 0.00	25.02 -0.23 0.00	23.76 -0.17 0.00	23.12 -0.40 0.00	20.94 -0.38 0.00	19.43 -0.26 0.00
GREENIDGE___4 23583	23.39 0.02 0.00	21.33 -0.02 0.00	20.59 0.14 0.00	19.77 -0.06 0.00	19.71 0.04 0.00	20.54 0.02 0.00	22.34 0.07 0.00	21.99 -0.07 0.00	24.02 -0.10 0.00	23.49 -0.16 0.00	23.26 -0.23 0.00	23.02 -0.19 0.00	22.38 -0.20 0.00	22.26 -0.25 0.00	22.48 -0.18 0.00	24.25 -0.22 0.00	27.11 -0.14 0.00	30.88 -0.22 0.00	27.76 -0.11 0.00	25.02 -0.23 0.00	23.76 -0.17 0.00	23.12 -0.40 0.00	21.04 -0.28 0.00	19.47 -0.22 0.00
GREENLWN_69_KV_BK 3 55738	33.50 1.19 -8.94	25.97 1.13 -3.48	21.68 1.10 -0.13	20.88 1.05 0.00	20.67 1.00 0.00	21.51 0.99 0.00	23.45 1.18 0.00	25.23 1.26 -1.92	29.74 1.45 -4.17	30.54 1.47 -5.42	29.65 1.50 -4.65	29.87 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.50 1.47 -8.36	34.02 1.59 -7.96	35.42 1.77 -6.40	39.94 2.18 -6.67	35.89 1.92 -6.09	34.66 1.84 -7.57	33.28 1.72 -7.63	33.28 1.74 -8.02	28.46 1.56 -5.58	24.80 1.36 -3.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01
GRISSOM___SOLAR 323813	25.45 2.08 0.00	23.19 1.84 0.00	22.17 1.72 0.00	21.43 1.61 0.00	21.32 1.65 0.00	22.23 1.70 0.00	24.09 1.83 0.00	23.86 1.81 0.00	26.27 2.15 0.00	25.69 2.03 0.00	25.49 2.00 0.00	25.11 1.90 0.00	24.39 1.81 0.00	24.22 1.71 0.00	24.46 1.79 0.00	26.55 2.08 0.00	29.72 2.48 0.00	33.92 2.83 0.00	30.53 2.65 0.00	27.60 2.35 0.00	26.24 2.32 0.00	25.80 2.28 0.00	23.28 1.96 0.00	21.34 1.65 0.00
GROVEVILLE___HYD 323602	24.23 0.86 0.00	22.16 0.81 0.00	21.25 0.80 0.00	20.60 0.77 0.00	20.40 0.73 0.00	21.24 0.72 0.00	23.07 0.80 0.00	22.91 0.86 0.00	25.16 1.04 0.00	24.69 1.04 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.27 1.39 0.00	26.58 1.34 0.00	25.19 1.27 0.00	24.81 1.29 0.00	22.45 1.13 0.00	20.67 0.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	23.11 -0.26 0.00	21.10 -0.26 0.00	20.18 -0.27 0.00	19.57 -0.26 0.00	19.43 -0.24 0.00	20.30 -0.23 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.81 -0.31 0.00	23.32 -0.33 0.00	23.14 -0.35 0.00	22.88 -0.32 0.00	22.25 -0.34 0.00	22.17 -0.34 0.00	22.33 -0.34 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.63 -0.47 0.00	27.54 -0.33 0.00	24.89 -0.35 0.00	23.61 -0.31 0.00	23.12 -0.40 0.00	20.98 -0.34 0.00	19.39 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	22.99 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.16 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.24 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.64 -0.68 0.00	19.04 -0.65 0.00
HARDSCRABBLE_WT_PWR 323673	23.65 0.28 0.00	21.59 0.24 0.00	20.65 0.20 0.00	20.02 0.20 0.00	19.84 0.18 0.00	20.69 0.16 0.00	22.43 0.16 0.00	22.21 0.16 0.00	24.29 0.17 0.00	23.84 0.19 0.00	23.68 0.19 0.00	23.39 0.18 0.00	22.77 0.18 0.00	22.69 0.18 0.00	22.80 0.14 0.00	24.59 0.12 0.00	27.30 0.05 0.00	31.09 0.00 0.00	27.88 0.00 0.00	25.25 0.00 0.00	23.85 -0.07 0.00	23.47 -0.05 0.00	21.26 -0.06 0.00	19.61 -0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.05 0.68 0.00	21.99 0.64 0.00	21.08 0.63 0.00	20.44 0.61 0.00	20.24 0.57 0.00	21.08 0.55 0.00	22.91 0.65 0.00	22.76 0.71 0.00	24.94 0.82 0.00	24.50 0.85 0.00	24.36 0.87 0.00	24.06 0.86 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.34 1.09 0.00	32.46 1.37 0.00	29.10 1.23 0.00	26.43 1.19 0.00	25.05 1.12 0.00	24.67 1.15 0.00	22.32 1.00 0.00	20.54 0.85 0.00
HARSNRAD_115KV_TB1 81005	22.32 -1.05 0.00	20.37 -0.98 0.00	19.47 -0.98 0.00	18.83 -0.99 0.00	18.80 -0.87 0.00	19.64 -0.88 0.00	21.36 -0.91 0.00	20.80 -1.26 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.12 -1.40 0.00	21.28 -1.38 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.51 -2.58 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.60 -1.73 0.00	18.41 -1.28 0.00
HARZA MOOSE___RIVER 24016	23.63 0.26 0.00	21.57 0.21 0.00	20.63 0.18 0.00	20.00 0.18 0.00	19.84 0.18 0.00	20.75 0.23 0.00	22.51 0.24 0.00	22.36 0.31 0.00	24.46 0.34 0.00	23.96 0.31 0.00	23.78 0.28 0.00	23.41 0.21 0.00	22.74 0.16 0.00	22.67 0.16 0.00	22.85 0.18 0.00	24.57 0.10 0.00	27.38 0.14 0.00	31.16 0.06 0.00	27.90 0.03 0.00	25.22 -0.03 0.00	23.88 -0.05 0.00	23.42 -0.09 0.00	21.19 -0.13 0.00	19.55 -0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.02 -0.35 0.00	21.01 -0.34 0.00	20.12 -0.33 0.00	19.49 -0.34 0.00	19.35 -0.31 0.00	20.22 -0.31 0.00	21.93 -0.33 0.00	21.70 -0.35 0.00	23.71 -0.41 0.00	23.23 -0.43 0.00	23.05 -0.45 0.00	22.77 -0.44 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.26 -0.41 0.00	24.00 -0.46 0.00	26.78 -0.46 0.00	30.50 -0.59 0.00	27.40 -0.47 0.00	24.77 -0.48 0.00	23.49 -0.43 0.00	23.05 -0.47 0.00	20.92 -0.41 0.00	19.33 -0.35 0.00
HELLGATE_13_KV_LD 55870	24.31 0.93 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.97 1.46 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.31 0.93 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.97 1.46 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
HEMPSTEAD____ 23647	33.45 1.14 -8.94	25.92 1.09 -3.48	21.52 0.94 -0.13	20.82 0.99 0.00	20.59 0.92 0.00	21.49 0.96 0.00	23.38 1.11 0.00	25.16 1.19 -1.92	29.64 1.35 -4.17	30.47 1.40 -5.42	29.55 1.41 -4.65	29.77 1.42 -5.15	29.53 1.40 -5.54	30.41 1.40 -6.50	32.41 1.38 -8.36	33.92 1.49 -7.96	35.33 1.69 -6.40	39.76 1.99 -6.67	35.81 1.84 -6.09	34.55 1.74 -7.57	33.23 1.67 -7.63	33.21 1.67 -8.02	28.35 1.45 -5.58	24.77 1.32 -3.76
HEWLETT__69_KV_BK3 55828	33.59 1.29 -8.94	26.03 1.20 -3.48	21.75 1.17 -0.13	20.94 1.11 0.00	20.73 1.06 0.00	21.59 1.07 0.00	23.52 1.25 0.00	25.29 1.32 -1.92	29.79 1.50 -4.17	30.61 1.54 -5.42	29.69 1.55 -4.65	29.89 1.53 -5.15	29.67 1.54 -5.54	30.52 1.51 -6.50	32.55 1.52 -8.36	34.07 1.64 -7.96	35.47 1.83 -6.40	40.03 2.27 -6.67	35.98 2.01 -6.09	34.73 1.92 -7.57	33.40 1.84 -7.63	33.37 1.83 -8.02	28.54 1.64 -5.58	24.88 1.44 -3.76
HICKLING___1 23621	23.42 0.05 0.00	21.37 0.02 0.00	20.45 0.00 0.00	19.79 -0.04 0.00	19.67 0.00 0.00	20.57 0.04 0.00	22.36 0.09 0.00	21.94 -0.11 0.00	23.98 -0.14 0.00	23.44 -0.21 0.00	23.21 -0.28 0.00	23.02 -0.19 0.00	22.41 -0.18 0.00	22.29 -0.23 0.00	22.49 -0.18 0.00	24.25 -0.22 0.00	27.05 -0.19 0.00	30.66 -0.44 0.00	27.68 -0.20 0.00	24.94 -0.30 0.00	23.71 -0.22 0.00	23.05 -0.47 0.00	20.90 -0.43 0.00	19.45 -0.24 0.00
HICKLING___2 23622	23.42 0.05 0.00	21.37 0.02 0.00	20.45 0.00 0.00	19.79 -0.04 0.00	19.67 0.00 0.00	20.57 0.04 0.00	22.36 0.09 0.00	21.94 -0.11 0.00	23.98 -0.14 0.00	23.44 -0.21 0.00	23.21 -0.28 0.00	23.02 -0.19 0.00	22.41 -0.18 0.00	22.29 -0.23 0.00	22.49 -0.18 0.00	24.25 -0.22 0.00	27.05 -0.19 0.00	30.66 -0.44 0.00	27.68 -0.20 0.00	24.94 -0.30 0.00	23.71 -0.22 0.00	23.05 -0.47 0.00	20.90 -0.43 0.00	19.45 -0.24 0.00
HIGH FALLS___HY 23754	24.28 0.91 0.00	22.19 0.83 0.00	21.27 0.82 0.00	20.60 0.77 0.00	20.40 0.73 0.00	21.22 0.70 0.00	23.09 0.82 0.00	22.96 0.90 0.00	25.23 1.11 0.00	24.77 1.11 0.00	24.62 1.13 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.78 1.11 0.00	25.74 1.27 0.00	28.72 1.47 0.00	32.87 1.77 0.00	29.44 1.56 0.00	26.71 1.46 0.00	25.31 1.39 0.00	24.88 1.36 0.00	22.50 1.17 0.00	20.69 1.00 0.00
HILLBURN___GT 23639	23.98 0.61 0.00	21.93 0.58 0.00	20.92 0.47 0.00	20.38 0.55 0.00	20.16 0.49 0.00	21.02 0.49 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.91 0.79 0.00	24.48 0.83 0.00	24.36 0.87 0.00	24.07 0.86 0.00	23.44 0.86 0.00	23.37 0.86 0.00	23.51 0.84 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.37 1.28 0.00	29.05 1.17 0.00	26.43 1.19 0.00	25.03 1.10 0.00	24.65 1.13 0.00	22.26 0.94 0.00	20.52 0.83 0.00
HILLSIDE_115KV_TB1 80332	23.11 -0.26 0.00	21.10 -0.26 0.00	20.20 -0.25 0.00	19.55 -0.28 0.00	19.43 -0.24 0.00	20.30 -0.23 0.00	22.07 -0.20 0.00	21.68 -0.37 0.00	23.69 -0.43 0.00	23.18 -0.47 0.00	22.98 -0.52 0.00	22.77 -0.44 0.00	22.16 -0.43 0.00	22.04 -0.47 0.00	22.24 -0.43 0.00	23.98 -0.49 0.00	26.73 -0.52 0.00	30.35 -0.75 0.00	27.37 -0.50 0.00	24.72 -0.53 0.00	23.47 -0.45 0.00	22.86 -0.66 0.00	20.73 -0.60 0.00	19.28 -0.41 0.00

HISHELDN_WT_PWR 323625	22.79 -0.58 0.00	20.78 -0.58 0.00	20.24 -0.20 0.00	19.29 -0.53 0.00	19.27 -0.39 0.00	20.03 -0.49 0.00	21.78 -0.49 0.00	21.22 -0.84 0.00	23.18 -0.94 0.00	22.64 -1.02 0.00	22.39 -1.10 0.00	22.23 -0.97 0.00	21.68 -0.90 0.00	21.57 -0.94 0.00	21.81 -0.86 0.00	23.44 -1.03 0.00	26.05 -1.20 0.00	29.57 -1.52 0.00	26.59 -1.28 0.00	23.86 -1.39 0.00	22.73 -1.20 0.00	21.94 -1.58 0.00	20.17 -1.15 0.00	18.74 -0.94 0.00
HOLTSVILLE_IC_1 23690	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
HOLTSVILLE_IC_10 23699	33.99 1.68 -8.94	26.41 1.58 -3.48	22.03 1.45 -0.13	21.31 1.49 0.00	21.08 1.42 0.00	22.00 1.48 0.00	23.89 1.62 0.00	25.60 1.63 -1.92	30.25 1.95 -4.17	31.04 1.96 -5.42	30.14 2.00 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.95 1.94 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.90 2.26 -6.40	40.47 2.70 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.54 1.98 -7.63	33.56 2.02 -8.02	28.74 1.83 -5.58	25.10 1.65 -3.76
HOLTSVILLE_IC_2 23691	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
HOLTSVILLE_IC_3 23692	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
HOLTSVILLE_IC_4 23693	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
HOLTSVILLE_IC_5 23694	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
HOLTSVILLE_IC_6 23695	33.99 1.68 -8.94	26.41 1.58 -3.48	22.03 1.45 -0.13	21.31 1.49 0.00	21.08 1.42 0.00	22.00 1.48 0.00	23.89 1.62 0.00	25.60 1.63 -1.92	30.25 1.95 -4.17	31.04 1.96 -5.42	30.14 2.00 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.95 1.94 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.90 2.26 -6.40	40.47 2.70 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.54 1.98 -7.63	33.56 2.02 -8.02	28.74 1.83 -5.58	25.10 1.65 -3.76
HOLTSVILLE_IC_7 23696	33.99 1.68 -8.94	26.41 1.58 -3.48	22.03 1.45 -0.13	21.31 1.49 0.00	21.08 1.42 0.00	22.00 1.48 0.00	23.89 1.62 0.00	25.60 1.63 -1.92	30.25 1.95 -4.17	31.04 1.96 -5.42	30.14 2.00 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.95 1.94 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.90 2.26 -6.40	40.47 2.70 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.54 1.98 -7.63	33.56 2.02 -8.02	28.74 1.83 -5.58	25.10 1.65 -3.76
HOLTSVILLE_IC_8 23697	33.99 1.68 -8.94	26.41 1.58 -3.48	22.03 1.45 -0.13	21.31 1.49 0.00	21.08 1.42 0.00	22.00 1.48 0.00	23.89 1.62 0.00	25.60 1.63 -1.92	30.25 1.95 -4.17	31.04 1.96 -5.42	30.14 2.00 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.95 1.94 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.90 2.26 -6.40	40.47 2.70 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.54 1.98 -7.63	33.56 2.02 -8.02	28.74 1.83 -5.58	25.10 1.65 -3.76
HOLTSVILLE_IC_9 23698	33.99 1.68 -8.94	26.41 1.58 -3.48	22.03 1.45 -0.13	21.31 1.49 0.00	21.08 1.42 0.00	22.00 1.48 0.00	23.89 1.62 0.00	25.60 1.63 -1.92	30.25 1.95 -4.17	31.04 1.96 -5.42	30.14 2.00 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.95 1.94 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.90 2.26 -6.40	40.47 2.70 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.54 1.98 -7.63	33.56 2.02 -8.02	28.74 1.83 -5.58	25.10 1.65 -3.76
HOMER_HL_115KV_TB2 355744	23.28 -0.09 0.00	21.25 -0.11 0.00	20.33 -0.12 0.00	19.65 -0.18 0.00	19.59 -0.08 0.00	20.48 -0.04 0.00	22.31 0.04 0.00	21.77 -0.29 0.00	23.76 -0.36 0.00	23.23 -0.43 0.00	22.98 -0.52 0.00	22.83 -0.37 0.00	22.25 -0.34 0.00	22.11 -0.41 0.00	22.30 -0.36 0.00	24.00 -0.46 0.00	26.67 -0.57 0.00	30.13 -0.96 0.00	27.35 -0.53 0.00	24.67 -0.58 0.00	23.49 -0.43 0.00	22.76 -0.75 0.00	20.60 -0.72 0.00	19.33 -0.35 0.00
HOWARD_WT_PWR 323690	23.60 0.23 0.00	21.50 0.15 0.00	20.86 0.41 0.00	19.92 0.10 0.00	19.88 0.22 0.00	20.69 0.16 0.00	22.47 0.20 0.00	21.99 -0.07 0.00	24.02 -0.10 0.00	23.46 -0.19 0.00	23.21 -0.28 0.00	23.04 -0.16 0.00	22.43 -0.16 0.00	22.31 -0.20 0.00	22.53 -0.14 0.00	24.25 -0.22 0.00	27.03 -0.22 0.00	30.69 -0.41 0.00	27.51 -0.36 0.00	24.72 -0.53 0.00	23.47 -0.46 0.00	22.72 -0.80 0.00	20.77 -0.55 0.00	19.26 -0.43 0.00
HQ_GEN_CEDARS 23644	23.70 0.33 0.00	21.63 0.28 0.00	20.71 0.27 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.77 0.25 0.00	22.49 0.22 0.00	22.32 0.26 0.00	24.39 0.27 0.00	23.94 0.28 0.00	23.80 0.31 0.00	23.46 0.26 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.47 0.23 0.00	24.14 0.22 0.00	23.70 0.19 0.00	21.45 0.13 0.00	19.83 0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	23.70 0.33 0.00	21.63 0.28 0.00	20.71 0.27 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.77 0.25 0.00	22.49 0.22 0.00	22.32 0.27 0.00	24.39 0.27 0.00	23.94 0.28 0.00	23.80 0.30 0.00	23.46 0.26 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.44 0.34 0.00	28.18 0.31 0.00	25.47 0.23 0.00	24.14 0.21 0.00	23.70 0.19 0.00	21.45 0.13 0.00	19.83 0.14 0.00

HQ_GEN_IMPORT 323601	23.49 0.12 0.00	21.46 0.11 0.00	20.55 0.10 0.00	19.92 0.10 0.00	19.77 0.10 0.00	20.61 0.08 0.00	22.36 0.09 0.00	22.14 0.09 0.00	24.22 0.10 0.00	23.75 0.09 0.00	23.59 0.09 0.00	23.30 0.09 0.00	22.68 0.09 0.00	22.60 0.09 0.00	22.76 0.09 0.00	24.57 0.10 0.00	27.36 0.11 0.00	31.22 0.12 0.00	27.96 0.08 0.00	25.32 0.08 0.00	24.00 0.07 0.00	23.56 0.05 0.00	21.37 0.04 0.00	19.73 0.04 0.00
HQ_GEN_WHEEL 23651	23.49 0.12 0.00	21.46 0.11 0.00	20.55 0.10 0.00	19.92 0.10 0.00	19.77 0.10 0.00	20.61 0.08 0.00	22.36 0.09 0.00	22.14 0.09 0.00	24.22 0.10 0.00	23.75 0.09 0.00	23.59 0.09 0.00	23.30 0.09 0.00	22.68 0.09 0.00	22.60 0.09 0.00	22.76 0.09 0.00	24.57 0.10 0.00	27.36 0.11 0.00	31.22 0.12 0.00	27.96 0.08 0.00	25.32 0.08 0.00	24.00 0.07 0.00	23.56 0.05 0.00	21.37 0.04 0.00	19.73 0.04 0.00
HUDSON AVE_GT_3 23810	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.60 1.10 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.71 1.62 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.56 1.24 0.00	20.77 1.08 0.00
HUDSON AVE_GT_4 23540	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.60 1.10 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.71 1.62 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.56 1.24 0.00	20.77 1.08 0.00
HUDSON AVE_GT_5 23657	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.60 1.10 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.71 1.62 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.56 1.24 0.00	20.77 1.08 0.00
HUDSON_AVE_10 24168	24.09 0.72 0.00	22.06 0.70 0.00	21.16 0.72 0.00	20.50 0.67 0.00	20.30 0.63 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.56 1.24 0.00	20.75 1.06 0.00
HUDSON___115KV_TB 4 355613	24.19 0.82 0.00	22.10 0.75 0.00	21.19 0.74 0.00	20.58 0.75 0.00	20.42 0.75 0.00	21.28 0.76 0.00	23.05 0.78 0.00	22.83 0.77 0.00	24.92 0.80 0.00	24.43 0.78 0.00	24.22 0.73 0.00	23.93 0.72 0.00	23.29 0.70 0.00	23.21 0.70 0.00	23.39 0.73 0.00	25.28 0.81 0.00	28.14 0.90 0.00	32.18 1.09 0.00	28.80 0.92 0.00	26.13 0.88 0.00	24.76 0.84 0.00	24.43 0.92 0.00	22.13 0.81 0.00	20.42 0.73 0.00
HUNTER MOUNT___DRP 323613	24.37 1.00 0.00	22.25 0.90 0.00	21.33 0.88 0.00	20.72 0.89 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.18 0.91 0.00	22.96 0.90 0.00	25.06 0.94 0.00	24.55 0.90 0.00	24.34 0.85 0.00	24.02 0.81 0.00	23.35 0.77 0.00	23.32 0.81 0.00	23.51 0.84 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.28 1.04 0.00	24.90 0.98 0.00	24.57 1.06 0.00	22.22 0.90 0.00	20.54 0.85 0.00
HUNTINGTON_RES_REC 323705	33.69 1.38 -8.94	26.14 1.30 -3.48	21.74 1.17 -0.13	21.03 1.21 0.00	20.81 1.14 0.00	21.71 1.19 0.00	23.60 1.34 0.00	25.38 1.41 -1.92	29.93 1.64 -4.17	30.76 1.68 -5.42	29.86 1.71 -4.65	30.05 1.69 -5.15	29.80 1.67 -5.54	30.68 1.67 -6.50	32.71 1.68 -8.36	34.24 1.81 -7.96	35.66 2.02 -6.40	40.16 2.39 -6.67	36.09 2.12 -6.09	34.83 2.02 -7.57	33.42 1.87 -7.63	33.42 1.88 -8.02	28.57 1.66 -5.58	24.92 1.48 -3.76
HUNTLEY___63 23557	22.43 -0.93 0.00	20.48 -0.88 0.00	19.61 -0.84 0.00	18.99 -0.83 0.00	18.90 -0.77 0.00	19.79 -0.74 0.00	21.49 -0.78 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
HUNTLEY___64 23558	22.43 -0.93 0.00	20.48 -0.88 0.00	19.61 -0.84 0.00	18.99 -0.83 0.00	18.90 -0.77 0.00	19.79 -0.74 0.00	21.49 -0.78 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
HUNTLEY___65 23559	22.43 -0.93 0.00	20.48 -0.88 0.00	19.61 -0.84 0.00	18.99 -0.83 0.00	18.90 -0.77 0.00	19.79 -0.74 0.00	21.49 -0.78 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
HUNTLEY___66 23560	22.43 -0.93 0.00	20.48 -0.88 0.00	19.61 -0.84 0.00	18.99 -0.83 0.00	18.90 -0.77 0.00	19.79 -0.74 0.00	21.49 -0.78 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
HUNTLEY___67 23561	22.41 -0.96 0.00	20.46 -0.90 0.00	19.57 -0.88 0.00	18.95 -0.87 0.00	18.88 -0.79 0.00	19.74 -0.78 0.00	21.47 -0.80 0.00	20.91 -1.15 0.00	22.82 -1.30 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.18 -1.70 0.00	23.50 -1.74 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
HUNTLEY___68 23562	22.41 -0.96 0.00	20.46 -0.90 0.00	19.57 -0.88 0.00	18.95 -0.87 0.00	18.88 -0.79 0.00	19.74 -0.78 0.00	21.47 -0.80 0.00	20.91 -1.15 0.00	22.82 -1.30 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.18 -1.70 0.00	23.50 -1.74 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00



HYLAND___LFGE 323620	23.95 0.58 0.00	21.78 0.43 0.00	21.12 0.67 0.00	20.16 0.34 0.00	20.14 0.47 0.00	20.98 0.45 0.00	22.85 0.58 0.00	22.49 0.44 0.00	24.55 0.43 0.00	23.98 0.33 0.00	23.71 0.21 0.00	23.49 0.28 0.00	22.84 0.25 0.00	22.69 0.18 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.68 0.43 0.00	31.50 0.40 0.00	28.29 0.42 0.00	25.42 0.18 0.00	24.19 0.26 0.00	23.42 -0.09 0.00	21.41 0.09 0.00	19.75 0.06 0.00
INDECK___CORINTH 23802	24.37 1.00 0.00	22.25 0.90 0.00	21.29 0.84 0.00	20.68 0.85 0.00	20.51 0.85 0.00	21.45 0.92 0.00	23.20 0.94 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.69 1.04 0.00	24.50 1.01 0.00	24.16 0.95 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.54 1.08 0.00	28.55 1.31 0.00	32.62 1.52 0.00	29.24 1.37 0.00	26.48 1.24 0.00	25.10 1.17 0.00	24.72 1.20 0.00	22.30 0.98 0.00	20.55 0.87 0.00
INDECK___ILION 23567	23.60 0.23 0.00	21.55 0.19 0.00	20.63 0.18 0.00	20.00 0.18 0.00	19.83 0.16 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.25 0.20 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.66 0.20 0.00	27.44 0.19 0.00	31.28 0.19 0.00	28.04 0.17 0.00	25.40 0.15 0.00	24.02 0.10 0.00	23.63 0.12 0.00	21.41 0.09 0.00	19.77 0.08 0.00
INDECK___OLEAN 23982	23.30 -0.07 0.00	21.25 -0.11 0.00	20.65 0.20 0.00	19.71 -0.12 0.00	19.67 0.00 0.00	20.48 -0.04 0.00	22.31 0.04 0.00	21.77 -0.29 0.00	23.76 -0.36 0.00	23.23 -0.43 0.00	22.98 -0.52 0.00	22.83 -0.37 0.00	22.25 -0.34 0.00	22.11 -0.40 0.00	22.33 -0.34 0.00	24.00 -0.47 0.00	26.65 -0.60 0.00	30.35 -0.75 0.00	27.37 -0.50 0.00	24.67 -0.58 0.00	23.49 -0.43 0.00	22.76 -0.75 0.00	20.81 -0.51 0.00	19.41 -0.28 0.00
INDECK___OSWEGO 23783	22.72 -0.65 0.00	20.76 -0.60 0.00	19.90 -0.55 0.00	19.25 -0.58 0.00	19.12 -0.55 0.00	19.97 -0.55 0.00	21.67 -0.60 0.00	21.46 -0.59 0.00	23.42 -0.70 0.00	22.94 -0.71 0.00	22.77 -0.73 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.79 -0.72 0.00	21.96 -0.70 0.00	23.71 -0.76 0.00	26.45 -0.79 0.00	30.16 -0.93 0.00	27.04 -0.84 0.00	24.46 -0.78 0.00	23.21 -0.72 0.00	22.76 -0.75 0.00	20.70 -0.62 0.00	19.12 -0.57 0.00
INDECK___YERKES 23781	22.48 -0.89 0.00	20.52 -0.83 0.00	20.08 -0.37 0.00	19.03 -0.79 0.00	19.08 -0.59 0.00	19.81 -0.72 0.00	21.51 -0.76 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.33 -1.32 0.00	22.09 -1.41 0.00	21.95 -1.25 0.00	21.37 -1.22 0.00	21.25 -1.26 0.00	21.46 -1.20 0.00	23.07 -1.39 0.00	25.64 -1.61 0.00	29.07 -2.02 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.49 -1.43 0.00	21.71 -1.81 0.00	20.04 -1.28 0.00	18.66 -1.02 0.00
INDIAN POINT_GT_1 24139	24.00 0.63 0.00	21.95 0.60 0.00	21.06 0.61 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.89 0.62 0.00	22.76 0.71 0.00	24.94 0.82 0.00	24.53 0.88 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.46 1.37 0.00	29.07 1.20 0.00	26.43 1.19 0.00	25.05 1.12 0.00	24.67 1.15 0.00	22.32 1.00 0.00	20.56 0.87 0.00
INDIAN POINT_GT_2 23659	24.00 0.63 0.00	21.95 0.60 0.00	21.06 0.61 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.89 0.62 0.00	22.76 0.71 0.00	24.94 0.82 0.00	24.53 0.88 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.46 1.37 0.00	29.07 1.20 0.00	26.43 1.19 0.00	25.05 1.12 0.00	24.67 1.15 0.00	22.32 1.00 0.00	20.56 0.87 0.00
INDIAN POINT_GT_3 24019	24.00 0.63 0.00	21.95 0.60 0.00	21.06 0.61 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.89 0.62 0.00	22.76 0.71 0.00	24.94 0.82 0.00	24.53 0.88 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.46 1.37 0.00	29.07 1.20 0.00	26.43 1.19 0.00	25.05 1.12 0.00	24.67 1.15 0.00	22.32 1.00 0.00	20.56 0.87 0.00
INDIAN POINT___2 23530	23.95 0.58 0.00	21.93 0.58 0.00	20.92 0.47 0.00	20.38 0.55 0.00	20.16 0.49 0.00	21.02 0.49 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.91 0.79 0.00	24.48 0.83 0.00	24.36 0.87 0.00	24.07 0.86 0.00	23.44 0.86 0.00	23.37 0.86 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.34 1.25 0.00	29.05 1.17 0.00	26.41 1.16 0.00	25.03 1.10 0.00	24.65 1.13 0.00	22.26 0.94 0.00	20.52 0.83 0.00
INDIAN POINT___3 23531	23.98 0.61 0.00	21.95 0.60 0.00	21.04 0.59 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.04 0.51 0.00	22.89 0.62 0.00	22.74 0.68 0.00	24.94 0.82 0.00	24.50 0.85 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.43 1.34 0.00	29.05 1.17 0.00	26.41 1.16 0.00	25.02 1.10 0.00	24.65 1.13 0.00	22.32 1.00 0.00	20.54 0.85 0.00
INGHAM_C_115KV_TB7 356103	23.65 0.28 0.00	21.59 0.23 0.00	20.67 0.22 0.00	20.02 0.20 0.00	19.84 0.18 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.23 0.18 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.83 0.16 0.00	24.62 0.15 0.00	27.35 0.11 0.00	31.19 0.09 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.92 0.00 0.00	23.54 0.02 0.00	21.32 0.00 0.00	19.67 -0.02 0.00
IP CORINTH___1 23988	24.37 1.00 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.68 0.85 0.00	20.51 0.85 0.00	21.45 0.92 0.00	23.20 0.94 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.69 1.04 0.00	24.50 1.01 0.00	24.16 0.95 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.55 1.08 0.00	28.55 1.31 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.48 1.24 0.00	25.10 1.17 0.00	24.72 1.20 0.00	22.35 1.02 0.00	20.58 0.89 0.00
IP___TICONDEROGA 23804	25.31 1.94 0.00	23.08 1.73 0.00	22.11 1.66 0.00	21.43 1.61 0.00	21.28 1.61 0.00	22.27 1.74 0.00	24.09 1.83 0.00	23.88 1.83 0.00	26.24 2.12 0.00	25.66 2.01 0.00	25.42 1.93 0.00	25.04 1.83 0.00	24.35 1.76 0.00	24.20 1.69 0.00	24.43 1.77 0.00	26.55 2.08 0.00	29.75 2.51 0.00	34.02 2.92 0.00	30.50 2.62 0.00	27.59 2.35 0.00	26.20 2.27 0.00	25.75 2.23 0.00	23.24 1.92 0.00	21.36 1.67 0.00
ISLIP_RES_REC 323679	34.08 1.78 -8.94	26.50 1.67 -3.48	22.09 1.51 -0.13	21.39 1.57 0.00	21.16 1.49 0.00	22.08 1.56 0.00	23.98 1.71 0.00	25.69 1.72 -1.92	30.34 2.05 -4.17	31.13 2.06 -5.42	30.21 2.07 -4.65	30.40 2.04 -5.15	30.14 2.01 -5.54	31.04 2.03 -6.50	33.05 2.02 -8.36	34.63 2.20 -7.96	36.04 2.40 -6.40	40.62 2.86 -6.67	36.48 2.51 -6.09	35.16 2.35 -7.57	33.66 2.11 -7.63	33.66 2.12 -8.02	28.82 1.92 -5.58	25.18 1.73 -3.76

JAMAICA__27_KV_LOAD 355505	24.23 0.86 0.00	22.19 0.83 0.00	21.29 0.84 0.00	20.62 0.79 0.00	20.42 0.75 0.00	21.22 0.70 0.00	23.16 0.89 0.00	23.07 1.01 0.00	25.28 1.16 0.00	24.86 1.21 0.00	24.76 1.27 0.00	24.48 1.28 0.00	23.85 1.26 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.81 1.35 0.00	28.74 1.50 0.00	32.99 1.90 0.00	29.55 1.67 0.00	26.89 1.64 0.00	25.50 1.58 0.00	25.07 1.55 0.00	22.77 1.45 0.00	20.93 1.24 0.00
JANIS__SOLAR 323808	24.51 1.14 0.00	22.36 1.00 0.00	21.47 1.02 0.00	20.70 0.87 0.00	20.59 0.92 0.00	21.49 0.96 0.00	23.34 1.07 0.00	23.13 1.08 0.00	25.25 1.13 0.00	24.67 1.02 0.00	24.41 0.92 0.00	24.04 0.83 0.00	23.33 0.74 0.00	23.23 0.72 0.00	23.44 0.77 0.00	25.40 0.93 0.00	28.50 1.25 0.00	32.52 1.43 0.00	29.16 1.28 0.00	26.31 1.06 0.00	24.91 0.98 0.00	24.32 0.80 0.00	22.03 0.70 0.00	20.32 0.63 0.00
JARVIS____ 23743	23.44 0.07 0.00	21.42 0.06 0.00	20.49 0.04 0.00	19.88 0.06 0.00	19.71 0.04 0.00	20.59 0.06 0.00	22.34 0.07 0.00	22.12 0.07 0.00	24.19 0.07 0.00	23.72 0.07 0.00	23.57 0.07 0.00	23.28 0.07 0.00	22.65 0.07 0.00	22.58 0.07 0.00	22.73 0.07 0.00	24.54 0.07 0.00	27.33 0.08 0.00	31.16 0.06 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.97 0.05 0.00	23.56 0.05 0.00	21.37 0.04 0.00	19.73 0.04 0.00
JENNISON____1 23625	24.77 1.40 0.00	22.57 1.22 0.00	21.59 1.15 0.00	20.90 1.07 0.00	20.77 1.10 0.00	21.71 1.19 0.00	23.56 1.29 0.00	23.38 1.32 0.00	25.54 1.42 0.00	25.00 1.35 0.00	24.76 1.27 0.00	24.37 1.16 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.73 1.07 0.00	25.72 1.25 0.00	28.83 1.58 0.00	32.83 1.74 0.00	29.52 1.64 0.00	26.64 1.39 0.00	25.22 1.29 0.00	24.65 1.13 0.00	22.28 0.96 0.00	20.56 0.87 0.00
JENNISON____2 23626	24.77 1.40 0.00	22.57 1.22 0.00	21.59 1.15 0.00	20.90 1.07 0.00	20.77 1.10 0.00	21.71 1.19 0.00	23.56 1.29 0.00	23.38 1.32 0.00	25.54 1.42 0.00	25.00 1.35 0.00	24.76 1.27 0.00	24.37 1.16 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.73 1.07 0.00	25.72 1.25 0.00	28.83 1.58 0.00	32.83 1.74 0.00	29.52 1.64 0.00	26.64 1.39 0.00	25.22 1.29 0.00	24.65 1.13 0.00	22.28 0.96 0.00	20.56 0.87 0.00
JERICOHO_RISE_WT_PWR 323719	23.93 0.56 0.00	21.87 0.51 0.00	20.94 0.49 0.00	20.28 0.46 0.00	20.14 0.47 0.00	21.00 0.47 0.00	22.76 0.49 0.00	22.56 0.51 0.00	24.68 0.56 0.00	24.20 0.54 0.00	24.06 0.56 0.00	23.74 0.53 0.00	23.11 0.52 0.00	23.03 0.52 0.00	23.16 0.50 0.00	25.01 0.54 0.00	27.87 0.63 0.00	31.78 0.68 0.00	28.46 0.59 0.00	25.70 0.45 0.00	24.31 0.38 0.00	23.87 0.35 0.00	21.58 0.26 0.00	19.93 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	24.21 0.84 0.00	22.16 0.81 0.00	21.23 0.78 0.00	20.58 0.75 0.00	20.36 0.69 0.00	21.18 0.66 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.16 1.04 0.00	24.72 1.06 0.00	24.60 1.10 0.00	24.25 1.04 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.62 1.15 0.00	28.55 1.31 0.00	32.74 1.65 0.00	29.27 1.39 0.00	26.58 1.34 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.65 0.96 0.00
KCE_NY_1 323755	24.28 0.91 0.00	22.19 0.83 0.00	21.23 0.78 0.00	20.60 0.77 0.00	20.43 0.77 0.00	21.39 0.86 0.00	23.16 0.89 0.00	22.91 0.86 0.00	25.16 1.04 0.00	24.65 0.99 0.00	24.46 0.96 0.00	24.14 0.93 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.52 1.05 0.00	28.44 1.20 0.00	32.49 1.40 0.00	29.13 1.26 0.00	26.41 1.16 0.00	25.03 1.10 0.00	24.67 1.15 0.00	22.28 0.96 0.00	20.54 0.85 0.00
KCE_NY_6_ESR 323823	22.81 -0.56 0.00	20.82 -0.53 0.00	20.33 -0.12 0.00	19.31 -0.52 0.00	19.31 -0.35 0.00	20.07 -0.45 0.00	21.84 -0.42 0.00	21.26 -0.79 0.00	23.23 -0.89 0.00	22.68 -0.97 0.00	22.46 -1.03 0.00	22.30 -0.91 0.00	21.73 -0.86 0.00	21.61 -0.90 0.00	21.83 -0.84 0.00	23.49 -0.98 0.00	26.07 -1.17 0.00	29.60 -1.49 0.00	26.68 -1.20 0.00	23.96 -1.29 0.00	22.87 -1.05 0.00	22.08 -1.44 0.00	20.34 -0.98 0.00	18.94 -0.75 0.00
KEDC_PORT_JEFF_GT2 24210	33.94 1.64 -8.94	26.37 1.54 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.04 1.38 0.00	21.96 1.44 0.00	23.85 1.58 0.00	25.56 1.59 -1.92	30.20 1.91 -4.17	30.99 1.92 -5.42	30.09 1.95 -4.65	30.26 1.90 -5.15	30.03 1.90 -5.54	30.90 1.89 -6.50	32.91 1.88 -8.36	34.49 2.06 -7.96	35.85 2.21 -6.40	40.41 2.64 -6.67	36.28 2.31 -6.09	35.01 2.20 -7.57	33.52 1.96 -7.63	33.51 1.98 -8.02	28.69 1.79 -5.58	25.08 1.63 -3.76
KEDC_PORT_JEFF_GT3 24211	33.94 1.64 -8.94	26.37 1.54 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.04 1.38 0.00	21.96 1.44 0.00	23.85 1.58 0.00	25.56 1.59 -1.92	30.20 1.91 -4.17	30.99 1.92 -5.42	30.09 1.95 -4.65	30.26 1.90 -5.15	30.03 1.90 -5.54	30.90 1.89 -6.50	32.91 1.88 -8.36	34.49 2.06 -7.96	35.85 2.21 -6.40	40.41 2.64 -6.67	36.28 2.31 -6.09	35.01 2.20 -7.57	33.52 1.96 -7.63	33.51 1.98 -8.02	28.69 1.79 -5.58	25.08 1.63 -3.76
KEDC_GLWD_GT4 24219	33.55 1.24 -8.94	25.99 1.15 -3.48	21.60 1.02 -0.13	20.89 1.07 0.00	20.67 1.00 0.00	21.57 1.05 0.00	23.47 1.20 0.00	25.25 1.28 -1.92	29.76 1.47 -4.17	30.57 1.49 -5.42	29.65 1.50 -4.65	29.86 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.50 1.47 -8.36	34.05 1.61 -7.96	35.44 1.80 -6.40	39.91 2.14 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.32 1.79 -8.02	28.44 1.54 -5.58	24.82 1.38 -3.76
KEDC_GLWD_GT5 24220	33.55 1.24 -8.94	25.99 1.15 -3.48	21.60 1.02 -0.13	20.89 1.07 0.00	20.67 1.00 0.00	21.57 1.05 0.00	23.47 1.20 0.00	25.25 1.28 -1.92	29.76 1.47 -4.17	30.57 1.49 -5.42	29.65 1.50 -4.65	29.86 1.51 -5.15	29.62 1.49 -5.54	30.50 1.49 -6.50	32.50 1.47 -8.36	34.05 1.61 -7.96	35.44 1.80 -6.40	39.91 2.14 -6.67	35.92 1.95 -6.09	34.68 1.87 -7.57	33.33 1.77 -7.63	33.32 1.79 -8.02	28.44 1.54 -5.58	24.82 1.38 -3.76
KENSICO____ 23655	24.07 0.70 0.00	22.02 0.66 0.00	21.12 0.67 0.00	20.48 0.65 0.00	20.28 0.61 0.00	21.12 0.60 0.00	22.96 0.69 0.00	22.83 0.77 0.00	25.04 0.92 0.00	24.60 0.95 0.00	24.48 0.99 0.00	24.18 0.97 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.64 0.97 0.00	25.50 1.03 0.00	28.39 1.14 0.00	32.55 1.46 0.00	29.16 1.28 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.41 1.09 0.00	20.63 0.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.33 0.96 0.00	22.21 0.85 0.00	21.29 0.84 0.00	20.64 0.81 0.00	20.42 0.75 0.00	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.23 1.11 0.00	24.79 1.14 0.00	24.65 1.15 0.00	24.32 1.11 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.80 1.13 0.00	25.77 1.30 0.00	28.72 1.47 0.00	32.87 1.77 0.00	29.44 1.56 0.00	26.71 1.46 0.00	25.31 1.39 0.00	24.90 1.39 0.00	22.52 1.19 0.00	20.71 1.02 0.00

KIAC_JFK_GT1 23816	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.09 0.82 0.00	23.00 0.95 0.00	25.21 1.09 0.00	24.79 1.14 0.00	24.69 1.20 0.00	24.41 1.21 0.00	23.78 1.20 0.00	23.71 1.19 0.00	23.85 1.18 0.00	25.72 1.25 0.00	28.66 1.42 0.00	32.90 1.80 0.00	29.44 1.56 0.00	26.79 1.54 0.00	25.41 1.48 0.00	24.97 1.46 0.00	22.71 1.39 0.00	20.85 1.16 0.00
KIAC_JFK_GT2 23817	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.09 0.82 0.00	23.00 0.95 0.00	25.21 1.09 0.00	24.79 1.14 0.00	24.69 1.20 0.00	24.41 1.21 0.00	23.78 1.20 0.00	23.71 1.19 0.00	23.85 1.18 0.00	25.72 1.25 0.00	28.66 1.42 0.00	32.90 1.80 0.00	29.44 1.56 0.00	26.79 1.54 0.00	25.41 1.48 0.00	24.97 1.46 0.00	22.71 1.39 0.00	20.85 1.16 0.00
KIAC_JFK____ 323774	24.16 0.80 0.00	22.12 0.77 0.00	21.06 0.61 0.00	20.56 0.73 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.09 0.82 0.00	23.00 0.95 0.00	25.21 1.09 0.00	24.79 1.14 0.00	24.69 1.20 0.00	24.41 1.21 0.00	23.78 1.20 0.00	23.70 1.19 0.00	23.84 1.18 0.00	25.72 1.25 0.00	28.66 1.42 0.00	32.80 1.71 0.00	29.44 1.56 0.00	26.79 1.54 0.00	25.41 1.48 0.00	25.00 1.48 0.00	22.65 1.32 0.00	20.85 1.16 0.00
KINTIGH____ 23543	22.22 -1.15 0.00	20.29 -1.07 0.00	19.41 -1.04 0.00	18.79 -1.03 0.00	18.70 -0.96 0.00	19.58 -0.94 0.00	21.29 -0.98 0.00	20.82 -1.23 0.00	22.72 -1.40 0.00	22.21 -1.44 0.00	21.97 -1.53 0.00	21.79 -1.42 0.00	21.23 -1.36 0.00	21.14 -1.37 0.00	21.31 -1.36 0.00	22.95 -1.52 0.00	25.50 -1.74 0.00	28.67 -2.43 0.00	26.09 -1.78 0.00	23.45 -1.79 0.00	22.39 -1.53 0.00	21.68 -1.83 0.00	19.70 -1.62 0.00	18.45 -1.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.42 1.05 0.00	22.29 0.94 0.00	21.33 0.88 0.00	20.66 0.83 0.00	20.51 0.85 0.00	21.39 0.86 0.00	23.23 0.96 0.00	23.02 0.97 0.00	25.18 1.06 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.20 1.00 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.05 1.17 0.00	26.23 0.98 0.00	24.79 0.86 0.00	24.29 0.78 0.00	21.96 0.64 0.00	20.26 0.57 0.00
LACHUTE____HYDRO 323717	25.31 1.94 0.00	23.08 1.73 0.00	22.09 1.64 0.00	21.43 1.61 0.00	21.28 1.61 0.00	22.27 1.74 0.00	24.09 1.83 0.00	23.88 1.83 0.00	26.24 2.12 0.00	25.66 2.01 0.00	25.42 1.93 0.00	25.04 1.83 0.00	24.35 1.76 0.00	24.20 1.69 0.00	24.44 1.77 0.00	26.55 2.08 0.00	29.75 2.51 0.00	33.99 2.89 0.00	30.50 2.62 0.00	27.60 2.35 0.00	26.20 2.27 0.00	25.75 2.24 0.00	23.22 1.90 0.00	21.36 1.67 0.00
LAWRNCALV_115KV_TB1 80681	23.30 -0.07 0.00	21.27 -0.09 0.00	20.37 -0.08 0.00	19.75 -0.08 0.00	19.59 -0.08 0.00	20.42 -0.10 0.00	22.13 -0.13 0.00	21.99 -0.07 0.00	24.02 -0.10 0.00	23.58 -0.07 0.00	23.45 -0.05 0.00	23.09 -0.12 0.00	22.47 -0.11 0.00	22.42 -0.09 0.00	22.55 -0.11 0.00	24.32 -0.15 0.00	27.14 -0.11 0.00	30.97 -0.12 0.00	27.74 -0.14 0.00	25.07 -0.18 0.00	23.73 -0.19 0.00	23.28 -0.24 0.00	21.07 -0.26 0.00	19.43 -0.26 0.00
LEDERLE____ 23769	24.05 0.68 0.00	21.99 0.64 0.00	21.08 0.63 0.00	20.44 0.61 0.00	20.24 0.57 0.00	21.08 0.55 0.00	22.94 0.67 0.00	22.78 0.73 0.00	24.99 0.87 0.00	24.55 0.90 0.00	24.41 0.92 0.00	24.11 0.91 0.00	23.51 0.93 0.00	23.41 0.90 0.00	23.57 0.91 0.00	25.47 1.00 0.00	28.36 1.12 0.00	32.52 1.43 0.00	29.13 1.25 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.72 1.20 0.00	22.37 1.04 0.00	20.59 0.91 0.00
LIGHTHSE_115KV_TB6 355974	22.76 -0.61 0.00	20.78 -0.58 0.00	19.88 -0.57 0.00	19.27 -0.56 0.00	19.14 -0.53 0.00	19.99 -0.53 0.00	21.71 -0.56 0.00	21.52 -0.53 0.00	23.52 -0.60 0.00	23.04 -0.61 0.00	22.84 -0.66 0.00	22.53 -0.67 0.00	21.91 -0.68 0.00	21.84 -0.68 0.00	22.01 -0.66 0.00	23.76 -0.71 0.00	26.54 -0.71 0.00	30.22 -0.87 0.00	27.12 -0.75 0.00	24.51 -0.73 0.00	23.23 -0.69 0.00	22.76 -0.75 0.00	20.64 -0.68 0.00	19.04 -0.65 0.00
LINDEN COGEN____ 23786	23.95 0.58 0.00	21.95 0.60 0.00	20.92 0.47 0.00	20.40 0.58 0.00	20.18 0.51 0.00	21.02 0.49 0.00	22.89 0.62 0.00	22.78 0.73 0.00	24.96 0.84 0.00	24.55 0.90 0.00	24.44 0.94 0.00	24.14 0.93 0.00	23.53 0.95 0.00	23.46 0.95 0.00	23.60 0.93 0.00	25.45 0.98 0.00	28.34 1.09 0.00	32.43 1.34 0.00	29.10 1.23 0.00	26.48 1.24 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.37 1.04 0.00	20.61 0.93 0.00
LINDHRST_69_KV_BK1 356055	33.90 1.59 -8.94	26.33 1.49 -3.48	22.03 1.45 -0.13	21.21 1.39 0.00	20.99 1.32 0.00	21.84 1.31 0.00	23.81 1.54 0.00	25.56 1.59 -1.92	30.13 1.83 -4.17	30.92 1.84 -5.42	30.02 1.88 -4.65	30.21 1.86 -5.15	29.96 1.83 -5.54	30.84 1.82 -6.50	32.87 1.84 -8.36	34.41 1.98 -7.96	35.85 2.21 -6.40	40.44 2.67 -6.67	36.31 2.34 -6.09	35.04 2.22 -7.57	33.64 2.08 -7.63	33.61 2.07 -8.02	28.78 1.88 -5.58	25.12 1.67 -3.76
LIPA_MISC_IPP 23656	33.99 1.68 -8.94	26.39 1.56 -3.48	22.11 1.53 -0.13	21.33 1.51 0.00	21.10 1.44 0.00	21.92 1.40 0.00	23.89 1.63 0.00	25.54 1.57 -1.92	30.22 1.93 -4.17	31.04 1.96 -5.42	30.12 1.97 -4.65	30.28 1.93 -5.15	30.03 1.90 -5.54	30.93 1.91 -6.50	32.94 1.90 -8.36	34.49 2.06 -7.96	35.88 2.23 -6.40	40.47 2.71 -6.67	36.25 2.29 -6.09	34.99 2.17 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.69 1.79 -5.58	25.04 1.59 -3.76
LISF____SOLAR 323691	34.04 1.73 -8.94	26.44 1.60 -3.48	22.05 1.47 -0.13	21.35 1.53 0.00	21.12 1.46 0.00	22.04 1.52 0.00	23.94 1.67 0.00	25.58 1.61 -1.92	30.27 1.98 -4.17	31.09 2.01 -5.42	30.17 2.02 -4.65	30.33 1.97 -5.15	30.07 1.94 -5.54	30.95 1.94 -6.50	32.98 1.95 -8.36	34.54 2.10 -7.96	35.88 2.23 -6.40	40.47 2.70 -6.67	36.31 2.34 -6.09	35.04 2.22 -7.57	33.45 1.89 -7.63	33.47 1.93 -8.02	28.69 1.79 -5.58	25.06 1.61 -3.76
LITTLE FALLS____HYD 24013	23.65 0.28 0.00	21.59 0.23 0.00	20.67 0.22 0.00	20.02 0.20 0.00	19.84 0.18 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.23 0.18 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.83 0.16 0.00	24.62 0.15 0.00	27.35 0.11 0.00	31.19 0.09 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.92 0.00 0.00	23.54 0.02 0.00	21.32 0.00 0.00	19.67 -0.02 0.00
LITTLRIV_115KV_TB1 356100	23.46 0.09 0.00	21.42 0.06 0.00	20.51 0.06 0.00	19.86 0.04 0.00	19.73 0.06 0.00	20.54 0.02 0.00	22.29 0.02 0.00	22.16 0.11 0.00	24.24 0.12 0.00	23.77 0.12 0.00	23.64 0.14 0.00	23.28 0.07 0.00	22.65 0.07 0.00	22.58 0.07 0.00	22.71 0.05 0.00	24.54 0.07 0.00	27.38 0.14 0.00	31.25 0.16 0.00	27.99 0.11 0.00	25.27 0.03 0.00	23.92 0.00 0.00	23.47 -0.05 0.00	21.22 -0.11 0.00	19.57 -0.12 0.00

LI_NEWBRDGE___DRP 323616	33.34 1.03 -8.94	25.82 0.98 -3.48	21.56 0.98 -0.13	20.76 0.93 0.00	20.53 0.87 0.00	21.39 0.86 0.00	23.29 1.02 0.00	25.07 1.10 -1.92	29.55 1.25 -4.17	30.38 1.30 -5.42	29.48 1.34 -4.65	29.68 1.32 -5.15	29.44 1.31 -5.54	30.32 1.31 -6.50	32.35 1.31 -8.36	33.83 1.39 -7.96	35.20 1.55 -6.40	39.69 1.93 -6.67	35.67 1.70 -6.09	34.46 1.64 -7.57	33.11 1.56 -7.63	33.09 1.55 -8.02	28.31 1.41 -5.58	24.69 1.24 -3.76
LOCKPORT_115KV_TB60_63_64 80432	22.32 -1.05 0.00	20.37 -0.98 0.00	19.45 -1.00 0.00	18.81 -1.01 0.00	18.80 -0.87 0.00	19.62 -0.90 0.00	21.36 -0.91 0.00	20.77 -1.28 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.09 -1.42 0.00	21.28 -1.38 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.51 -2.58 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.60 -1.73 0.00	18.41 -1.28 0.00
LOCKPORT___CC1 323769	22.32 -1.05 0.00	20.35 -1.00 0.00	19.92 -0.53 0.00	18.93 -0.89 0.00	18.90 -0.77 0.00	19.64 -0.88 0.00	21.35 -0.91 0.00	20.80 -1.26 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.12 -1.40 0.00	21.31 -1.36 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.89 -2.21 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.91 -1.41 0.00	18.53 -1.16 0.00
LOCKPORT___CC2 323770	22.32 -1.05 0.00	20.35 -1.00 0.00	19.92 -0.53 0.00	18.93 -0.89 0.00	18.90 -0.77 0.00	19.64 -0.88 0.00	21.35 -0.91 0.00	20.80 -1.26 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.12 -1.40 0.00	21.31 -1.36 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.89 -2.21 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.91 -1.41 0.00	18.53 -1.16 0.00
LOCKPORT___CC3 323771	22.32 -1.05 0.00	20.35 -1.00 0.00	19.92 -0.53 0.00	18.93 -0.89 0.00	18.90 -0.77 0.00	19.64 -0.88 0.00	21.35 -0.91 0.00	20.80 -1.26 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.12 -1.40 0.00	21.31 -1.36 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.89 -2.21 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.91 -1.41 0.00	18.53 -1.16 0.00
LONG_LAKE_PHOENIX 24014	22.81 -0.56 0.00	20.82 -0.53 0.00	19.94 -0.51 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.03 -0.49 0.00	21.73 -0.53 0.00	21.52 -0.53 0.00	23.49 -0.63 0.00	23.01 -0.64 0.00	22.84 -0.66 0.00	22.58 -0.63 0.00	21.95 -0.63 0.00	21.88 -0.63 0.00	22.05 -0.61 0.00	23.81 -0.66 0.00	26.54 -0.71 0.00	30.25 -0.84 0.00	27.15 -0.72 0.00	24.57 -0.68 0.00	23.30 -0.62 0.00	22.86 -0.66 0.00	20.75 -0.58 0.00	19.18 -0.51 0.00
LOVETT___3 23632	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.38 1.14 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.50 0.81 0.00
LOVETT___4 23642	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.38 1.14 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.50 0.81 0.00
LOVETT___5 23593	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.38 1.14 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.50 0.81 0.00
LOWER RAQUET___HYD 24057	23.18 -0.19 0.00	21.14 -0.21 0.00	20.24 -0.20 0.00	19.61 -0.22 0.00	19.47 -0.20 0.00	20.30 -0.23 0.00	22.00 -0.27 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.44 -0.21 0.00	23.31 -0.19 0.00	22.97 -0.23 0.00	22.36 -0.23 0.00	22.29 -0.23 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.78 -0.31 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.59 -0.33 0.00	23.14 -0.38 0.00	20.92 -0.41 0.00	19.30 -0.39 0.00
LOWER___HUDSON 24059	23.93 0.56 0.00	21.87 0.51 0.00	20.90 0.45 0.00	20.32 0.50 0.00	20.12 0.45 0.00	21.08 0.55 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.79 0.67 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.20 0.61 0.00	23.14 0.63 0.00	23.30 0.63 0.00	25.18 0.71 0.00	28.01 0.76 0.00	32.00 0.90 0.00	28.68 0.81 0.00	26.00 0.76 0.00	24.59 0.67 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
LOWVILLE_115KV_TB2 356335	23.46 0.09 0.00	21.40 0.04 0.00	20.47 0.02 0.00	19.83 0.00 0.00	19.69 0.02 0.00	20.59 0.06 0.00	22.34 0.07 0.00	22.23 0.18 0.00	24.29 0.17 0.00	23.80 0.14 0.00	23.61 0.12 0.00	23.23 0.02 0.00	22.56 -0.02 0.00	22.49 -0.02 0.00	22.67 0.00 0.00	24.30 -0.17 0.00	27.05 -0.19 0.00	30.75 -0.34 0.00	27.54 -0.33 0.00	24.89 -0.35 0.00	23.54 -0.38 0.00	23.09 -0.42 0.00	20.87 -0.45 0.00	19.24 -0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.28 0.91 0.00	22.16 0.81 0.00	21.23 0.78 0.00	20.60 0.77 0.00	20.43 0.77 0.00	21.37 0.84 0.00	23.14 0.87 0.00	22.89 0.84 0.00	25.13 1.01 0.00	24.65 0.99 0.00	24.46 0.96 0.00	24.13 0.93 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.50 1.03 0.00	28.42 1.17 0.00	32.49 1.40 0.00	29.13 1.25 0.00	26.38 1.14 0.00	25.00 1.08 0.00	24.65 1.13 0.00	22.28 0.96 0.00	20.54 0.85 0.00
LUTHERNY_35_KV_BK2 355980	24.28 0.91 0.00	22.19 0.83 0.00	21.25 0.80 0.00	20.62 0.79 0.00	20.45 0.79 0.00	21.39 0.86 0.00	23.16 0.89 0.00	22.91 0.86 0.00	25.16 1.04 0.00	24.65 0.99 0.00	24.46 0.96 0.00	24.13 0.93 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.52 1.05 0.00	28.44 1.20 0.00	32.52 1.43 0.00	29.13 1.25 0.00	26.41 1.16 0.00	25.02 1.10 0.00	24.67 1.15 0.00	22.30 0.98 0.00	20.56 0.87 0.00
LWR___OSWEGATCHIE_HYD 23850	23.00 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.15 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.23 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.66 -0.66 0.00	19.04 -0.65 0.00

LYONS_FALL_HYD 23570	23.63 0.26 0.00	21.57 0.21 0.00	20.63 0.18 0.00	20.00 0.18 0.00	19.84 0.18 0.00	20.75 0.23 0.00	22.51 0.25 0.00	22.36 0.31 0.00	24.46 0.34 0.00	23.96 0.31 0.00	23.78 0.28 0.00	23.41 0.21 0.00	22.75 0.16 0.00	22.67 0.16 0.00	22.85 0.18 0.00	24.57 0.10 0.00	27.38 0.14 0.00	31.16 0.06 0.00	27.90 0.03 0.00	25.22 -0.03 0.00	23.88 -0.05 0.00	23.42 -0.09 0.00	21.20 -0.13 0.00	19.55 -0.14 0.00
MADISON__COUNTY_LFGE 323628	23.95 0.58 0.00	21.87 0.51 0.00	20.92 0.47 0.00	20.28 0.46 0.00	20.12 0.45 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.27 0.61 0.00	24.08 0.59 0.00	23.74 0.53 0.00	23.08 0.50 0.00	22.98 0.47 0.00	23.17 0.50 0.00	25.01 0.54 0.00	27.87 0.63 0.00	31.68 0.59 0.00	28.41 0.53 0.00	25.70 0.45 0.00	24.33 0.41 0.00	23.87 0.35 0.00	21.62 0.30 0.00	20.02 0.33 0.00
MALONE__115KV_TB1 356076	24.05 0.68 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.22 0.55 0.00	21.08 0.55 0.00	22.89 0.62 0.00	22.69 0.64 0.00	24.82 0.70 0.00	24.36 0.71 0.00	24.22 0.73 0.00	23.88 0.67 0.00	23.24 0.66 0.00	23.16 0.65 0.00	23.30 0.63 0.00	25.15 0.69 0.00	28.06 0.82 0.00	32.03 0.93 0.00	28.66 0.78 0.00	25.88 0.63 0.00	24.45 0.53 0.00	23.96 0.45 0.00	21.66 0.34 0.00	19.98 0.30 0.00
MAPLEWOD_115KV_TB3 80458	23.84 0.47 0.00	21.80 0.45 0.00	20.88 0.43 0.00	20.28 0.46 0.00	20.12 0.45 0.00	21.02 0.49 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.67 0.55 0.00	24.22 0.57 0.00	24.03 0.54 0.00	23.74 0.53 0.00	23.11 0.52 0.00	23.03 0.52 0.00	23.19 0.52 0.00	25.03 0.56 0.00	27.82 0.57 0.00	31.84 0.75 0.00	28.49 0.61 0.00	25.88 0.63 0.00	24.50 0.57 0.00	24.18 0.66 0.00	21.90 0.58 0.00	20.20 0.51 0.00
MAPLE_RIDGE_WT_1 323574	23.37 0.00 0.00	21.35 0.00 0.00	20.43 -0.02 0.00	19.81 -0.02 0.00	19.65 -0.02 0.00	20.48 -0.04 0.00	22.20 -0.07 0.00	21.99 -0.07 0.00	24.05 -0.07 0.00	23.56 -0.09 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.56 -0.02 0.00	22.49 -0.02 0.00	22.62 -0.05 0.00	24.37 -0.10 0.00	27.06 -0.19 0.00	30.78 -0.31 0.00	27.51 -0.36 0.00	24.87 -0.38 0.00	23.52 -0.41 0.00	23.14 -0.38 0.00	20.96 -0.36 0.00	19.37 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	23.37 0.00 0.00	21.35 0.00 0.00	20.43 -0.02 0.00	19.81 -0.02 0.00	19.65 -0.02 0.00	20.48 -0.04 0.00	22.20 -0.07 0.00	21.99 -0.07 0.00	24.05 -0.07 0.00	23.56 -0.09 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.56 -0.02 0.00	22.49 -0.02 0.00	22.62 -0.05 0.00	24.37 -0.10 0.00	27.06 -0.19 0.00	30.78 -0.31 0.00	27.51 -0.36 0.00	24.87 -0.38 0.00	23.52 -0.41 0.00	23.14 -0.38 0.00	20.96 -0.36 0.00	19.37 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	24.00 0.63 0.00	21.93 0.58 0.00	21.00 0.55 0.00	20.34 0.51 0.00	20.18 0.51 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.60 0.55 0.00	24.72 0.60 0.00	24.24 0.59 0.00	24.10 0.61 0.00	23.79 0.58 0.00	23.15 0.56 0.00	23.10 0.58 0.00	23.21 0.54 0.00	25.05 0.59 0.00	27.93 0.68 0.00	31.87 0.78 0.00	28.52 0.64 0.00	25.78 0.53 0.00	24.38 0.45 0.00	23.92 0.40 0.00	21.64 0.32 0.00	19.96 0.28 0.00
MARSHVLE_115KV_TB1 80742	24.65 1.29 0.00	22.51 1.15 0.00	21.53 1.08 0.00	20.86 1.03 0.00	20.71 1.04 0.00	21.63 1.11 0.00	23.43 1.16 0.00	23.24 1.19 0.00	25.54 1.42 0.00	25.03 1.37 0.00	24.88 1.39 0.00	24.53 1.32 0.00	23.83 1.24 0.00	23.71 1.19 0.00	23.91 1.25 0.00	25.91 1.44 0.00	28.93 1.69 0.00	32.99 1.90 0.00	29.63 1.76 0.00	26.79 1.54 0.00	25.41 1.48 0.00	25.00 1.48 0.00	22.60 1.28 0.00	20.77 1.08 0.00
MARSH_HILL_WT_PWR 323713	23.56 0.19 0.00	21.46 0.11 0.00	20.82 0.37 0.00	19.88 0.06 0.00	19.84 0.18 0.00	20.65 0.12 0.00	22.45 0.18 0.00	21.94 -0.11 0.00	23.98 -0.14 0.00	23.42 -0.24 0.00	23.17 -0.33 0.00	23.00 -0.21 0.00	22.38 -0.20 0.00	22.26 -0.25 0.00	22.48 -0.18 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.63 -0.47 0.00	27.49 -0.39 0.00	24.69 -0.56 0.00	23.45 -0.48 0.00	22.69 -0.82 0.00	20.75 -0.57 0.00	19.24 -0.45 0.00
MCINTYRE_115KV_TB2 80467	23.77 0.40 0.00	21.67 0.32 0.00	20.76 0.31 0.00	20.10 0.28 0.00	19.96 0.30 0.00	20.79 0.27 0.00	22.54 0.27 0.00	22.43 0.37 0.00	24.53 0.41 0.00	24.06 0.40 0.00	23.92 0.42 0.00	23.55 0.35 0.00	22.93 0.34 0.00	22.85 0.34 0.00	22.98 0.32 0.00	24.84 0.37 0.00	27.74 0.49 0.00	31.62 0.53 0.00	28.32 0.45 0.00	25.60 0.35 0.00	24.23 0.31 0.00	23.78 0.26 0.00	21.49 0.17 0.00	19.83 0.14 0.00
MECO____69_KV_BK1 80468	25.45 2.08 0.00	23.19 1.84 0.00	22.17 1.72 0.00	21.43 1.61 0.00	21.32 1.65 0.00	22.23 1.70 0.00	24.09 1.83 0.00	23.86 1.81 0.00	26.27 2.15 0.00	25.69 2.03 0.00	25.49 2.00 0.00	25.11 1.90 0.00	24.39 1.81 0.00	24.22 1.71 0.00	24.46 1.79 0.00	26.55 2.08 0.00	29.73 2.48 0.00	33.92 2.83 0.00	30.52 2.65 0.00	27.59 2.35 0.00	26.24 2.32 0.00	25.80 2.28 0.00	23.28 1.96 0.00	21.34 1.65 0.00
MENANDS__115KV_TB5 355628	23.74 0.37 0.00	21.72 0.36 0.00	20.82 0.37 0.00	20.22 0.40 0.00	20.06 0.39 0.00	20.93 0.41 0.00	22.69 0.42 0.00	22.47 0.42 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.92 0.42 0.00	23.62 0.42 0.00	22.99 0.41 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.91 0.44 0.00	27.65 0.41 0.00	31.65 0.56 0.00	28.32 0.45 0.00	25.73 0.48 0.00	24.35 0.43 0.00	24.06 0.54 0.00	21.81 0.49 0.00	20.12 0.43 0.00
MG INDUSTRY__DRP 24185	23.88 0.51 0.00	21.84 0.49 0.00	20.94 0.49 0.00	20.32 0.50 0.00	20.16 0.49 0.00	21.04 0.51 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.65 0.53 0.00	24.17 0.52 0.00	23.99 0.49 0.00	23.69 0.49 0.00	23.06 0.47 0.00	22.98 0.47 0.00	23.14 0.48 0.00	25.01 0.54 0.00	27.79 0.54 0.00	31.78 0.68 0.00	28.46 0.59 0.00	25.83 0.58 0.00	24.47 0.55 0.00	24.15 0.63 0.00	21.88 0.55 0.00	20.20 0.51 0.00
MID__OSWEGATCHIE_HYD 23849	23.00 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.15 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.23 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.66 -0.66 0.00	19.04 -0.65 0.00
MID__RAQUETTE_HYD 23851	23.18 -0.19 0.00	21.14 -0.21 0.00	20.24 -0.20 0.00	19.61 -0.22 0.00	19.47 -0.20 0.00	20.30 -0.23 0.00	22.00 -0.27 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.44 -0.21 0.00	23.31 -0.19 0.00	22.97 -0.23 0.00	22.36 -0.23 0.00	22.29 -0.23 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.78 -0.31 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.59 -0.33 0.00	23.14 -0.38 0.00	20.92 -0.41 0.00	19.30 -0.39 0.00

MILLIKEN___1 23584	23.65 0.28 0.00	21.59 0.23 0.00	20.65 0.20 0.00	20.00 0.18 0.00	19.86 0.20 0.00	20.77 0.25 0.00	22.56 0.29 0.00	22.32 0.26 0.00	24.39 0.27 0.00	23.87 0.21 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.74 0.16 0.00	22.65 0.14 0.00	22.83 0.16 0.00	24.66 0.20 0.00	27.55 0.30 0.00	31.37 0.28 0.00	28.18 0.31 0.00	25.47 0.23 0.00	24.14 0.22 0.00	23.63 0.12 0.00	21.41 0.09 0.00	19.79 0.10 0.00
MILLIKEN___2 23585	23.65 0.28 0.00	21.59 0.23 0.00	20.65 0.20 0.00	20.00 0.18 0.00	19.86 0.20 0.00	20.77 0.25 0.00	22.56 0.29 0.00	22.32 0.26 0.00	24.39 0.27 0.00	23.87 0.21 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.74 0.16 0.00	22.65 0.14 0.00	22.83 0.16 0.00	24.66 0.20 0.00	27.55 0.30 0.00	31.37 0.28 0.00	28.18 0.31 0.00	25.47 0.23 0.00	24.14 0.22 0.00	23.63 0.12 0.00	21.41 0.09 0.00	19.79 0.10 0.00
MILLIKEN___DIESEL 23629	23.65 0.28 0.00	21.59 0.23 0.00	20.65 0.20 0.00	20.00 0.18 0.00	19.86 0.20 0.00	20.77 0.25 0.00	22.56 0.29 0.00	22.32 0.26 0.00	24.39 0.27 0.00	23.87 0.21 0.00	23.66 0.16 0.00	23.39 0.19 0.00	22.74 0.16 0.00	22.65 0.14 0.00	22.83 0.16 0.00	24.66 0.20 0.00	27.55 0.30 0.00	31.37 0.28 0.00	28.18 0.31 0.00	25.47 0.23 0.00	24.14 0.22 0.00	23.63 0.12 0.00	21.41 0.09 0.00	19.79 0.10 0.00
MILLSEAT___LFGE 323607	22.64 -0.72 0.00	20.63 -0.73 0.00	20.16 -0.29 0.00	19.19 -0.64 0.00	19.16 -0.51 0.00	19.91 -0.62 0.00	21.67 -0.60 0.00	21.15 -0.91 0.00	23.11 -1.01 0.00	22.57 -1.09 0.00	22.32 -1.17 0.00	22.14 -1.07 0.00	21.57 -1.02 0.00	21.45 -1.06 0.00	21.67 -1.00 0.00	23.32 -1.15 0.00	25.97 -1.28 0.00	29.48 -1.62 0.00	26.57 -1.31 0.00	23.83 -1.41 0.00	22.75 -1.17 0.00	21.99 -1.53 0.00	20.28 -1.04 0.00	18.82 -0.87 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.02 0.65 0.00	21.99 0.64 0.00	21.08 0.63 0.00	20.44 0.61 0.00	20.24 0.57 0.00	21.08 0.55 0.00	22.94 0.67 0.00	22.78 0.73 0.00	24.99 0.87 0.00	24.55 0.90 0.00	24.43 0.94 0.00	24.13 0.93 0.00	23.51 0.93 0.00	23.43 0.92 0.00	23.57 0.91 0.00	25.45 0.98 0.00	28.34 1.09 0.00	32.49 1.40 0.00	29.10 1.23 0.00	26.46 1.21 0.00	25.07 1.15 0.00	24.69 1.18 0.00	22.37 1.04 0.00	20.58 0.89 0.00
MILLWOOD_13_KV_LOAD 356217	24.07 0.70 0.00	22.04 0.68 0.00	21.12 0.67 0.00	20.48 0.65 0.00	20.26 0.59 0.00	21.10 0.57 0.00	22.96 0.69 0.00	22.83 0.77 0.00	25.04 0.92 0.00	24.60 0.95 0.00	24.48 0.99 0.00	24.16 0.95 0.00	23.53 0.95 0.00	23.46 0.95 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.42 1.17 0.00	32.59 1.49 0.00	29.16 1.28 0.00	26.51 1.26 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.39 1.07 0.00	20.61 0.93 0.00
MODEL_CITY_ENERGY 24167	22.06 -1.31 0.00	20.11 -1.24 0.00	19.69 -0.76 0.00	18.75 -1.07 0.00	18.70 -0.96 0.00	19.42 -1.11 0.00	21.11 -1.16 0.00	20.55 -1.50 0.00	22.43 -1.69 0.00	21.90 -1.75 0.00	21.69 -1.81 0.00	21.53 -1.67 0.00	20.96 -1.63 0.00	20.87 -1.64 0.00	21.08 -1.59 0.00	22.66 -1.81 0.00	25.15 -2.10 0.00	28.54 -2.55 0.00	25.73 -2.15 0.00	23.08 -2.17 0.00	22.08 -1.84 0.00	21.31 -2.21 0.00	19.70 -1.62 0.00	18.33 -1.36 0.00
MODERN_LFGE___ 323580	22.06 -1.31 0.00	20.11 -1.24 0.00	19.69 -0.76 0.00	18.75 -1.07 0.00	18.70 -0.96 0.00	19.42 -1.11 0.00	21.11 -1.16 0.00	20.55 -1.50 0.00	22.43 -1.69 0.00	21.90 -1.75 0.00	21.69 -1.81 0.00	21.53 -1.67 0.00	20.96 -1.63 0.00	20.87 -1.64 0.00	21.08 -1.59 0.00	22.66 -1.81 0.00	25.15 -2.10 0.00	28.54 -2.55 0.00	25.73 -2.15 0.00	23.08 -2.17 0.00	22.08 -1.84 0.00	21.31 -2.21 0.00	19.70 -1.62 0.00	18.33 -1.36 0.00
MOHAWK_PAPER___DRP 24187	23.84 0.47 0.00	21.80 0.45 0.00	20.88 0.43 0.00	20.28 0.46 0.00	20.12 0.45 0.00	21.02 0.49 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.67 0.55 0.00	24.22 0.57 0.00	24.03 0.54 0.00	23.74 0.53 0.00	23.11 0.52 0.00	23.03 0.52 0.00	23.19 0.52 0.00	25.03 0.56 0.00	27.82 0.57 0.00	31.84 0.75 0.00	28.49 0.61 0.00	25.88 0.63 0.00	24.50 0.57 0.00	24.18 0.66 0.00	21.90 0.58 0.00	20.20 0.51 0.00
MOHICAN___35_KV_115KV_LD 80490	24.47 1.10 0.00	22.34 0.98 0.00	21.39 0.94 0.00	20.76 0.93 0.00	20.59 0.92 0.00	21.53 1.01 0.00	23.29 1.02 0.00	23.07 1.01 0.00	25.33 1.21 0.00	24.81 1.16 0.00	24.60 1.10 0.00	24.27 1.07 0.00	23.58 0.99 0.00	23.48 0.97 0.00	23.69 1.02 0.00	25.67 1.20 0.00	28.69 1.44 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.67 0.98 0.00
MONGAUP___HYD 23641	23.93 0.56 0.00	21.87 0.51 0.00	20.88 0.43 0.00	20.30 0.48 0.00	20.10 0.43 0.00	20.96 0.43 0.00	22.76 0.49 0.00	22.60 0.55 0.00	24.79 0.67 0.00	24.31 0.66 0.00	24.18 0.68 0.00	23.85 0.65 0.00	23.24 0.66 0.00	23.19 0.67 0.00	23.35 0.68 0.00	25.27 0.81 0.00	28.17 0.93 0.00	32.18 1.09 0.00	28.88 1.00 0.00	26.21 0.96 0.00	24.83 0.91 0.00	24.43 0.92 0.00	22.07 0.75 0.00	20.34 0.65 0.00
MONTAUK___DIESEL 23721	34.83 2.52 -8.94	27.14 2.31 -3.48	22.83 2.25 -0.13	21.99 2.16 0.00	21.75 2.08 0.00	22.62 2.09 0.00	24.67 2.40 0.00	26.29 2.32 -1.92	31.09 2.80 -4.17	31.84 2.77 -5.42	30.89 2.75 -4.65	31.05 2.69 -5.15	30.77 2.64 -5.54	31.69 2.68 -6.50	33.73 2.70 -8.36	35.37 2.94 -7.96	36.89 3.24 -6.40	41.68 3.92 -6.67	37.34 3.37 -6.09	35.92 3.11 -7.57	34.26 2.70 -7.63	34.24 2.70 -8.02	29.42 2.52 -5.58	25.71 2.26 -3.76
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.42 0.05 0.00	21.31 -0.04 0.00	20.33 -0.12 0.00	19.69 -0.14 0.00	19.59 -0.08 0.00	20.48 -0.04 0.00	22.34 0.07 0.00	21.77 -0.29 0.00	23.78 -0.34 0.00	23.23 -0.43 0.00	22.95 -0.54 0.00	22.86 -0.35 0.00	22.29 -0.29 0.00	22.20 -0.32 0.00	22.39 -0.27 0.00	24.05 -0.42 0.00	26.62 -0.63 0.00	29.82 -1.27 0.00	27.01 -0.86 0.00	24.19 -1.06 0.00	22.99 -0.93 0.00	22.15 -1.36 0.00	20.04 -1.28 0.00	18.90 -0.79 0.00
MORTIMER_115KV_TB3 55949	22.74 -0.63 0.00	20.73 -0.62 0.00	19.84 -0.61 0.00	19.21 -0.61 0.00	19.10 -0.57 0.00	19.97 -0.55 0.00	21.73 -0.53 0.00	21.37 -0.68 0.00	23.32 -0.80 0.00	22.83 -0.83 0.00	22.58 -0.92 0.00	22.37 -0.84 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.85 -0.82 0.00	23.59 -0.88 0.00	26.29 -0.95 0.00	29.69 -1.40 0.00	26.90 -0.98 0.00	24.19 -1.06 0.00	23.04 -0.89 0.00	22.41 -1.11 0.00	20.34 -0.98 0.00	18.92 -0.77 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.61 1.36 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.73 1.04 0.00

MUNSVILLE_WIND_PWR 323609	25.57 2.20 0.00	23.30 1.94 0.00	22.35 1.90 0.00	21.55 1.72 0.00	21.44 1.77 0.00	22.37 1.85 0.00	24.27 2.00 0.00	24.13 2.07 0.00	26.31 2.19 0.00	25.69 2.03 0.00	25.40 1.90 0.00	24.92 1.72 0.00	24.12 1.54 0.00	24.00 1.49 0.00	24.21 1.54 0.00	26.30 1.84 0.00	29.59 2.34 0.00	33.74 2.64 0.00	30.24 2.37 0.00	27.24 1.99 0.00	25.74 1.82 0.00	25.12 1.60 0.00	22.71 1.39 0.00	20.87 1.18 0.00
N SALMON___HYD 24042	24.05 0.68 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.38 0.55 0.00	20.22 0.55 0.00	21.08 0.55 0.00	22.89 0.62 0.00	22.69 0.64 0.00	24.82 0.70 0.00	24.36 0.71 0.00	24.22 0.73 0.00	23.88 0.67 0.00	23.24 0.66 0.00	23.17 0.65 0.00	23.30 0.63 0.00	25.15 0.68 0.00	28.06 0.82 0.00	32.03 0.93 0.00	28.66 0.78 0.00	25.88 0.63 0.00	24.45 0.53 0.00	23.96 0.45 0.00	21.66 0.34 0.00	19.98 0.30 0.00
N.AKRON___115KV_KNAPP 355671	22.67 -0.70 0.00	20.67 -0.68 0.00	19.73 -0.72 0.00	19.09 -0.73 0.00	19.08 -0.59 0.00	19.91 -0.62 0.00	21.67 -0.60 0.00	21.15 -0.90 0.00	23.11 -1.01 0.00	22.57 -1.09 0.00	22.32 -1.17 0.00	22.16 -1.04 0.00	21.57 -1.02 0.00	21.45 -1.06 0.00	21.65 -1.02 0.00	23.32 -1.15 0.00	25.97 -1.28 0.00	29.10 -1.99 0.00	26.54 -1.34 0.00	23.83 -1.41 0.00	22.75 -1.17 0.00	21.99 -1.53 0.00	19.96 -1.36 0.00	18.70 -0.98 0.00
N.BELMOR_69_KV_BK1 55787	33.59 1.29 -8.94	26.03 1.20 -3.48	21.75 1.17 -0.13	20.94 1.11 0.00	20.73 1.06 0.00	21.57 1.05 0.00	23.49 1.22 0.00	25.29 1.32 -1.92	29.79 1.50 -4.17	30.59 1.51 -5.42	29.69 1.55 -4.65	29.89 1.53 -5.15	29.67 1.54 -5.54	30.54 1.53 -6.50	32.55 1.52 -8.36	34.07 1.64 -7.96	35.47 1.83 -6.40	40.03 2.27 -6.67	35.95 1.98 -6.09	34.71 1.89 -7.57	33.38 1.82 -7.63	33.35 1.81 -8.02	28.52 1.62 -5.58	24.88 1.44 -3.76
N.E._GEN_SANDY PD 24062	23.88 0.51 0.00	21.84 0.49 0.00	20.86 0.41 0.00	20.30 0.48 0.00	20.10 0.43 0.00	21.06 0.53 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.82 0.70 0.00	24.39 0.73 0.00	24.25 0.75 0.00	23.95 0.74 0.00	23.29 0.70 0.00	23.23 0.72 0.00	23.39 0.73 0.00	25.23 0.76 0.00	28.06 0.82 0.00	32.06 0.96 0.00	28.71 0.84 0.00	26.08 0.83 0.00	24.64 0.72 0.00	24.34 0.82 0.00	21.98 0.66 0.00	20.30 0.61 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.98 0.61 0.00	21.93 0.58 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.18 0.51 0.00	21.02 0.49 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.92 0.80 0.00	24.48 0.83 0.00	24.36 0.87 0.00	24.06 0.86 0.00	23.44 0.86 0.00	23.37 0.86 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.43 1.34 0.00	29.05 1.17 0.00	26.41 1.16 0.00	25.02 1.10 0.00	24.65 1.13 0.00	22.30 0.98 0.00	20.54 0.85 0.00
N.QUEENS_27_KV_LOAD 356247	24.29 0.91 -0.01	22.28 0.92 -0.01	21.36 0.90 -0.01	20.71 0.87 -0.01	20.50 0.83 -0.01	21.28 0.76 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.62 1.13 0.00	24.34 1.14 0.00	23.72 1.13 0.00	23.64 1.13 0.00	23.78 1.11 0.00	25.64 1.17 0.00	28.55 1.31 0.00	32.71 1.62 0.00	29.33 1.45 0.00	26.69 1.44 0.00	25.31 1.39 0.00	24.88 1.36 0.00	22.72 1.39 -0.01	20.94 1.24 -0.01
N.TROY___115KV_TB1 355778	23.93 0.56 0.00	21.87 0.51 0.00	20.94 0.49 0.00	20.32 0.50 0.00	20.16 0.49 0.00	21.08 0.55 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.80 0.68 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.86 0.65 0.00	23.20 0.61 0.00	23.14 0.63 0.00	23.30 0.63 0.00	25.18 0.71 0.00	28.01 0.76 0.00	32.06 0.96 0.00	28.68 0.81 0.00	26.00 0.76 0.00	24.59 0.67 0.00	24.29 0.78 0.00	21.98 0.66 0.00	20.26 0.57 0.00
NARROWS_GT1_1 24228	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_2 24229	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_3 24230	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_4 24231	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_5 24232	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_6 24233	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT1_7 24234	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01

NARROWS_GT1_8 24235	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_1 24236	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_2 24237	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_3 24238	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_4 24239	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_5 24240	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_6 24241	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_7 24242	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NARROWS_GT2_8 24243	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.37 1.00 0.00	22.25 0.90 0.00	21.33 0.88 0.00	20.72 0.89 0.00	20.55 0.89 0.00	21.45 0.92 0.00	23.18 0.91 0.00	22.96 0.90 0.00	25.06 0.94 0.00	24.55 0.90 0.00	24.34 0.85 0.00	24.02 0.81 0.00	23.35 0.77 0.00	23.32 0.81 0.00	23.51 0.84 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.28 1.04 0.00	24.90 0.98 0.00	24.57 1.06 0.00	22.22 0.90 0.00	20.54 0.85 0.00
NCHELSEA_115KV_TR2 355582	24.21 0.84 0.00	22.14 0.79 0.00	21.23 0.78 0.00	20.58 0.75 0.00	20.36 0.69 0.00	21.20 0.68 0.00	23.05 0.78 0.00	22.89 0.84 0.00	25.11 0.99 0.00	24.67 1.02 0.00	24.53 1.03 0.00	24.20 1.00 0.00	23.60 1.02 0.00	23.53 1.01 0.00	23.69 1.02 0.00	25.59 1.13 0.00	28.53 1.28 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.56 1.31 0.00	25.17 1.24 0.00	24.79 1.27 0.00	22.43 1.11 0.00	20.65 0.96 0.00
NEG CAPITAL___MECHNVIL 23645	24.26 0.89 0.00	22.16 0.81 0.00	21.18 0.74 0.00	20.58 0.75 0.00	20.40 0.73 0.00	21.35 0.82 0.00	23.11 0.85 0.00	22.89 0.84 0.00	25.13 1.01 0.00	24.65 0.99 0.00	24.46 0.96 0.00	24.14 0.93 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.50 1.03 0.00	28.42 1.17 0.00	32.49 1.40 0.00	29.10 1.23 0.00	26.38 1.14 0.00	24.98 1.05 0.00	24.65 1.13 0.00	22.26 0.94 0.00	20.52 0.83 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.39 -0.98 0.00	20.39 -0.96 0.00	19.73 -0.72 0.00	18.93 -0.89 0.00	18.86 -0.81 0.00	19.64 -0.88 0.00	21.38 -0.89 0.00	21.06 -0.99 0.00	23.01 -1.11 0.00	22.52 -1.13 0.00	22.30 -1.20 0.00	22.07 -1.14 0.00	21.48 -1.11 0.00	21.39 -1.12 0.00	21.58 -1.09 0.00	23.27 -1.20 0.00	25.97 -1.28 0.00	29.57 -1.52 0.00	26.57 -1.31 0.00	23.91 -1.34 0.00	22.75 -1.17 0.00	22.18 -1.34 0.00	20.26 -1.07 0.00	18.72 -0.96 0.00
NEG CENTRAL___DRP 24199	23.16 -0.21 0.00	21.14 -0.21 0.00	20.22 -0.22 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.11 -0.16 0.00	21.83 -0.22 0.00	23.85 -0.27 0.00	23.35 -0.31 0.00	23.12 -0.38 0.00	22.86 -0.35 0.00	22.25 -0.34 0.00	22.15 -0.36 0.00	22.33 -0.34 0.00	24.13 -0.34 0.00	26.97 -0.27 0.00	30.69 -0.40 0.00	27.62 -0.25 0.00	24.92 -0.33 0.00	23.66 -0.26 0.00	23.09 -0.42 0.00	20.94 -0.38 0.00	19.37 -0.32 0.00
NEG CENTRAL___INDECK 23768	23.67 0.30 0.00	21.55 0.19 0.00	20.90 0.45 0.00	19.96 0.14 0.00	19.94 0.28 0.00	20.75 0.23 0.00	22.60 0.33 0.00	22.23 0.18 0.00	24.24 0.12 0.00	23.70 0.05 0.00	23.42 -0.07 0.00	23.21 0.00 0.00	22.59 0.00 0.00	22.47 -0.04 0.00	22.67 0.00 0.00	24.44 -0.02 0.00	27.33 0.08 0.00	31.09 0.00 0.00	27.93 0.06 0.00	25.10 -0.15 0.00	23.88 -0.05 0.00	23.14 -0.38 0.00	21.17 -0.15 0.00	19.55 -0.14 0.00



NEG CENTRAL___SENECA 23627	23.32 -0.05 0.00	21.27 -0.09 0.00	20.35 -0.10 0.00	19.69 -0.14 0.00	19.57 -0.10 0.00	20.46 -0.06 0.00	22.25 -0.02 0.00	21.94 -0.11 0.00	23.95 -0.17 0.00	23.44 -0.21 0.00	23.21 -0.28 0.00	22.95 -0.26 0.00	22.34 -0.25 0.00	22.22 -0.29 0.00	22.42 -0.25 0.00	24.22 -0.24 0.00	27.08 -0.16 0.00	30.75 -0.34 0.00	27.71 -0.17 0.00	24.99 -0.25 0.00	23.73 -0.19 0.00	23.12 -0.40 0.00	20.94 -0.38 0.00	19.41 -0.28 0.00
NEG CENTRAL___STATE_STREET 24147	23.16 -0.21 0.00	21.14 -0.21 0.00	20.22 -0.22 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.09 -0.18 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.39 -0.26 0.00	23.21 -0.28 0.00	22.95 -0.26 0.00	22.32 -0.27 0.00	22.22 -0.29 0.00	22.39 -0.27 0.00	24.15 -0.32 0.00	26.95 -0.30 0.00	30.69 -0.40 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.14 -0.38 0.00	20.98 -0.34 0.00	19.39 -0.30 0.00
NEG MILLWOOD___DRP 24198	24.33 0.96 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.66 0.83 0.00	20.43 0.77 0.00	21.24 0.72 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.25 1.13 0.00	24.81 1.16 0.00	24.67 1.17 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.72 1.25 0.00	28.66 1.42 0.00	32.83 1.74 0.00	29.38 1.51 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.90 1.39 0.00	22.50 1.17 0.00	20.71 1.02 0.00
NEG NORTH_FLCN_SEA 23793	24.35 0.98 0.00	22.25 0.90 0.00	21.29 0.84 0.00	20.62 0.79 0.00	20.47 0.81 0.00	21.35 0.82 0.00	23.16 0.89 0.00	22.94 0.88 0.00	25.08 0.96 0.00	24.60 0.95 0.00	24.46 0.96 0.00	24.13 0.93 0.00	23.49 0.90 0.00	23.41 0.90 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.34 1.09 0.00	32.34 1.24 0.00	28.96 1.09 0.00	26.13 0.88 0.00	24.71 0.79 0.00	24.25 0.73 0.00	21.92 0.60 0.00	20.24 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	24.02 0.65 0.00	21.95 0.60 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.20 0.53 0.00	21.06 0.53 0.00	22.85 0.58 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.29 0.64 0.00	24.15 0.66 0.00	23.83 0.63 0.00	23.20 0.61 0.00	23.12 0.61 0.00	23.26 0.59 0.00	25.10 0.64 0.00	27.98 0.74 0.00	31.93 0.84 0.00	28.57 0.70 0.00	25.80 0.56 0.00	24.40 0.48 0.00	23.94 0.42 0.00	21.66 0.34 0.00	19.98 0.30 0.00
NEG NORTH___ALICE_FALLS 23915	24.42 1.05 0.00	22.29 0.94 0.00	21.33 0.88 0.00	20.66 0.83 0.00	20.51 0.85 0.00	21.39 0.86 0.00	23.23 0.96 0.00	23.02 0.97 0.00	25.18 1.06 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.20 1.00 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.05 1.17 0.00	26.23 0.98 0.00	24.79 0.86 0.00	24.29 0.78 0.00	21.96 0.64 0.00	20.26 0.57 0.00
NEG NORTH___LWR_SARANAC 23913	24.42 1.05 0.00	22.29 0.94 0.00	21.33 0.88 0.00	20.66 0.83 0.00	20.51 0.85 0.00	21.39 0.86 0.00	23.23 0.96 0.00	23.02 0.97 0.00	25.18 1.06 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.20 1.00 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.05 1.17 0.00	26.23 0.98 0.00	24.79 0.86 0.00	24.29 0.78 0.00	21.96 0.64 0.00	20.26 0.57 0.00
NEG NORTH___PLATTSBURG 23628	24.42 1.05 0.00	22.29 0.94 0.00	21.35 0.90 0.00	20.66 0.83 0.00	20.51 0.85 0.00	21.39 0.86 0.00	23.23 0.96 0.00	23.02 0.97 0.00	25.18 1.06 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.20 1.00 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.62 0.95 0.00	25.50 1.03 0.00	28.44 1.20 0.00	32.46 1.37 0.00	29.05 1.17 0.00	26.23 0.98 0.00	24.78 0.86 0.00	24.29 0.77 0.00	21.96 0.64 0.00	20.26 0.57 0.00
NEG WEST_LEA_LOCKPORT 23791	22.32 -1.05 0.00	20.37 -0.98 0.00	19.47 -0.98 0.00	18.83 -0.99 0.00	18.80 -0.87 0.00	19.64 -0.88 0.00	21.36 -0.91 0.00	20.80 -1.26 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.12 -1.40 0.00	21.28 -1.38 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.51 -2.58 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.60 -1.73 0.00	18.41 -1.28 0.00
NEG WEST___LANCASTER 23811	23.14 -0.23 0.00	21.10 -0.26 0.00	20.18 -0.27 0.00	19.51 -0.32 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.16 -0.11 0.00	21.57 -0.49 0.00	23.57 -0.55 0.00	23.01 -0.64 0.00	22.79 -0.70 0.00	22.63 -0.58 0.00	22.04 -0.54 0.00	21.93 -0.59 0.00	22.12 -0.54 0.00	23.81 -0.66 0.00	26.46 -0.79 0.00	29.79 -1.31 0.00	27.10 -0.78 0.00	24.39 -0.86 0.00	23.25 -0.67 0.00	22.51 -1.01 0.00	20.41 -0.92 0.00	19.16 -0.53 0.00
NEG_PENN_ALLEGHNY 23528	23.42 0.05 0.00	21.37 0.02 0.00	20.53 0.08 0.00	19.83 0.00 0.00	19.71 0.04 0.00	20.57 0.04 0.00	22.34 0.07 0.00	22.05 0.00 0.00	24.10 -0.02 0.00	23.61 -0.05 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.54 -0.05 0.00	22.44 -0.07 0.00	22.62 -0.05 0.00	24.42 -0.05 0.00	27.22 -0.03 0.00	31.06 -0.03 0.00	27.88 0.00 0.00	25.22 -0.03 0.00	23.92 0.00 0.00	23.40 -0.12 0.00	21.26 -0.06 0.00	19.67 -0.02 0.00
NEG___GEN_MONROE 24207	22.53 -0.84 0.00	20.54 -0.81 0.00	19.65 -0.80 0.00	19.07 -0.75 0.00	18.98 -0.69 0.00	19.87 -0.66 0.00	21.60 -0.67 0.00	21.26 -0.79 0.00	23.11 -1.01 0.00	22.59 -1.06 0.00	22.34 -1.15 0.00	22.12 -1.09 0.00	21.55 -1.04 0.00	21.48 -1.04 0.00	21.65 -1.02 0.00	23.37 -1.10 0.00	26.05 -1.20 0.00	29.41 -1.68 0.00	26.59 -1.28 0.00	23.86 -1.39 0.00	22.78 -1.15 0.00	22.13 -1.39 0.00	20.09 -1.24 0.00	18.74 -0.95 0.00
NEPA___ENERGY 23901	22.88 -0.49 0.00	20.88 -0.47 0.00	19.98 -0.47 0.00	19.31 -0.52 0.00	19.24 -0.43 0.00	20.11 -0.41 0.00	21.91 -0.36 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.78 -0.88 0.00	22.53 -0.96 0.00	22.39 -0.81 0.00	21.84 -0.75 0.00	21.70 -0.81 0.00	21.90 -0.77 0.00	23.56 -0.91 0.00	26.18 -1.06 0.00	29.48 -1.62 0.00	26.79 -1.09 0.00	24.11 -1.14 0.00	22.97 -0.96 0.00	22.22 -1.29 0.00	20.13 -1.19 0.00	18.90 -0.79 0.00
NEVERSINK___HYD 23608	24.45 1.08 0.00	22.32 0.96 0.00	21.31 0.86 0.00	20.74 0.91 0.00	20.51 0.85 0.00	21.37 0.84 0.00	23.20 0.94 0.00	23.07 1.02 0.00	25.33 1.21 0.00	24.84 1.18 0.00	24.69 1.20 0.00	24.37 1.16 0.00	23.74 1.15 0.00	23.68 1.17 0.00	23.84 1.18 0.00	25.81 1.34 0.00	28.83 1.58 0.00	32.90 1.80 0.00	29.52 1.64 0.00	26.79 1.54 0.00	25.38 1.46 0.00	24.95 1.43 0.00	22.52 1.19 0.00	20.75 1.06 0.00
NEWKRMKL_115KV_TB1 55635	23.67 0.30 0.00	21.65 0.30 0.00	20.78 0.33 0.00	20.18 0.36 0.00	20.02 0.35 0.00	20.89 0.37 0.00	22.65 0.38 0.00	22.43 0.37 0.00	24.46 0.34 0.00	23.98 0.33 0.00	23.80 0.31 0.00	23.53 0.32 0.00	22.90 0.32 0.00	22.83 0.32 0.00	22.98 0.32 0.00	24.81 0.34 0.00	27.52 0.27 0.00	31.50 0.40 0.00	28.18 0.31 0.00	25.60 0.35 0.00	24.28 0.36 0.00	23.96 0.45 0.00	21.73 0.41 0.00	20.06 0.37 0.00

NEWTON___FALLS_HYD 23847	23.00 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.15 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.23 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.66 -0.66 0.00	19.04 -0.65 0.00
NGRID_A1_DSASP 323792	21.90 -1.47 0.00	19.99 -1.37 0.00	19.61 -0.84 0.00	18.52 -1.31 0.00	18.61 -1.06 0.00	19.29 -1.23 0.00	20.93 -1.34 0.00	20.36 -1.70 0.00	22.21 -1.91 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.85 -1.81 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	28.23 -2.86 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.53 -1.79 0.00	18.17 -1.52 0.00
NGRID_A2_DSASP 323793	21.90 -1.47 0.00	19.99 -1.37 0.00	19.61 -0.84 0.00	18.52 -1.31 0.00	18.61 -1.06 0.00	19.29 -1.23 0.00	20.93 -1.34 0.00	20.36 -1.70 0.00	22.21 -1.91 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.85 -1.81 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	28.23 -2.86 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.53 -1.79 0.00	18.17 -1.52 0.00
NGRID_A4_DSASP 323807	21.90 -1.47 0.00	19.99 -1.37 0.00	19.61 -0.84 0.00	18.52 -1.31 0.00	18.61 -1.06 0.00	19.29 -1.23 0.00	20.93 -1.34 0.00	20.36 -1.70 0.00	22.21 -1.91 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.85 -1.81 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	28.23 -2.86 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.53 -1.79 0.00	18.17 -1.52 0.00
NIAGARA_115E_LBMP 323715	21.92 -1.45 0.00	19.99 -1.37 0.00	19.59 -0.86 0.00	18.66 -1.17 0.00	18.59 -1.08 0.00	19.29 -1.23 0.00	21.00 -1.27 0.00	20.42 -1.63 0.00	22.29 -1.83 0.00	21.76 -1.89 0.00	21.54 -1.95 0.00	21.40 -1.81 0.00	20.85 -1.74 0.00	20.73 -1.78 0.00	20.94 -1.72 0.00	22.51 -1.96 0.00	24.98 -2.26 0.00	28.36 -2.74 0.00	25.56 -2.31 0.00	22.92 -2.32 0.00	21.91 -2.01 0.00	21.17 -2.35 0.00	19.57 -1.75 0.00	18.23 -1.46 0.00
NIAGARA_115W_LBMP 323714	21.85 -1.52 0.00	19.94 -1.41 0.00	19.57 -0.88 0.00	18.46 -1.37 0.00	18.57 -1.10 0.00	19.25 -1.27 0.00	20.87 -1.40 0.00	20.29 -1.77 0.00	22.14 -1.98 0.00	21.62 -2.03 0.00	21.40 -2.09 0.00	21.26 -1.95 0.00	20.71 -1.87 0.00	20.60 -1.91 0.00	20.81 -1.86 0.00	22.36 -2.10 0.00	24.82 -2.42 0.00	28.14 -2.95 0.00	25.37 -2.51 0.00	22.77 -2.47 0.00	21.79 -2.13 0.00	21.02 -2.49 0.00	19.47 -1.86 0.00	18.13 -1.56 0.00
NIAGARA_230_LBMP 323716	22.11 -1.26 0.00	20.18 -1.17 0.00	19.75 -0.70 0.00	18.75 -1.07 0.00	18.76 -0.90 0.00	19.48 -1.05 0.00	21.18 -1.09 0.00	20.62 -1.43 0.00	22.50 -1.62 0.00	21.97 -1.68 0.00	21.76 -1.74 0.00	21.61 -1.60 0.00	21.03 -1.56 0.00	20.94 -1.58 0.00	21.12 -1.54 0.00	22.73 -1.74 0.00	25.23 -2.02 0.00	28.60 -2.49 0.00	25.81 -2.06 0.00	23.15 -2.10 0.00	22.13 -1.79 0.00	21.38 -2.14 0.00	19.79 -1.54 0.00	18.41 -1.28 0.00
NIAGARA___115KV_198_GIBSON 55903	21.76 -1.61 0.00	19.88 -1.47 0.00	19.10 -1.35 0.00	18.50 -1.33 0.00	18.33 -1.34 0.00	19.25 -1.27 0.00	20.87 -1.40 0.00	20.29 -1.76 0.00	22.14 -1.98 0.00	21.62 -2.03 0.00	21.40 -2.09 0.00	21.26 -1.95 0.00	20.71 -1.87 0.00	20.60 -1.91 0.00	20.76 -1.90 0.00	22.36 -2.10 0.00	24.82 -2.42 0.00	27.77 -3.33 0.00	25.37 -2.51 0.00	22.77 -2.47 0.00	21.79 -2.13 0.00	21.02 -2.49 0.00	19.13 -2.20 0.00	18.00 -1.69 0.00
NIAGARA____ 23760	22.11 -1.26 0.00	20.18 -1.17 0.00	19.75 -0.70 0.00	18.75 -1.07 0.00	18.76 -0.90 0.00	19.48 -1.05 0.00	21.18 -1.09 0.00	20.62 -1.43 0.00	22.50 -1.62 0.00	21.97 -1.68 0.00	21.76 -1.74 0.00	21.61 -1.60 0.00	21.03 -1.56 0.00	20.94 -1.58 0.00	21.12 -1.54 0.00	22.73 -1.74 0.00	25.23 -2.02 0.00	28.60 -2.49 0.00	25.81 -2.06 0.00	23.15 -2.10 0.00	22.13 -1.79 0.00	21.38 -2.14 0.00	19.79 -1.54 0.00	18.41 -1.28 0.00
NINE_MILE_1 23575	22.64 -0.72 0.00	20.67 -0.68 0.00	19.84 -0.61 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.58 -0.69 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.62 -0.70 0.00	19.04 -0.65 0.00
NINE_MILE_2 23744	22.64 -0.72 0.00	20.67 -0.68 0.00	19.84 -0.61 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.58 -0.69 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.36 -0.88 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.62 -0.70 0.00	19.04 -0.65 0.00
NM_CAPITAL___DRP 24208	23.72 0.35 0.00	21.67 0.32 0.00	20.80 0.35 0.00	20.18 0.36 0.00	20.02 0.35 0.00	20.91 0.39 0.00	22.65 0.38 0.00	22.43 0.37 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.59 0.50 0.00	28.24 0.36 0.00	25.68 0.43 0.00	24.31 0.38 0.00	24.01 0.49 0.00	21.77 0.45 0.00	20.10 0.41 0.00
NM_CENTRAL___DRP 24181	23.04 -0.33 0.00	21.03 -0.32 0.00	20.12 -0.33 0.00	19.51 -0.32 0.00	19.37 -0.30 0.00	20.24 -0.29 0.00	21.96 -0.31 0.00	21.72 -0.33 0.00	23.73 -0.39 0.00	23.25 -0.40 0.00	23.07 -0.42 0.00	22.79 -0.42 0.00	22.18 -0.41 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.03 -0.44 0.00	26.81 -0.44 0.00	30.53 -0.56 0.00	27.43 -0.45 0.00	24.79 -0.45 0.00	23.52 -0.41 0.00	23.07 -0.45 0.00	20.94 -0.38 0.00	19.35 -0.33 0.00
NM_FRONTIER___DRP 24179	21.76 -1.61 0.00	19.88 -1.47 0.00	19.10 -1.35 0.00	18.50 -1.33 0.00	18.33 -1.34 0.00	19.25 -1.27 0.00	20.87 -1.40 0.00	20.29 -1.76 0.00	22.14 -1.98 0.00	21.62 -2.03 0.00	21.40 -2.09 0.00	21.26 -1.95 0.00	20.71 -1.87 0.00	20.60 -1.91 0.00	20.76 -1.90 0.00	22.36 -2.10 0.00	24.82 -2.42 0.00	27.77 -3.33 0.00	25.37 -2.51 0.00	22.77 -2.47 0.00	21.79 -2.13 0.00	21.02 -2.49 0.00	19.13 -2.20 0.00	18.00 -1.69 0.00
NM_ST_REGIS___HYD 24053	23.39 0.02 0.00	21.35 0.00 0.00	20.45 0.00 0.00	19.81 -0.02 0.00	19.67 0.00 0.00	20.50 -0.02 0.00	22.22 -0.04 0.00	22.08 0.02 0.00	24.14 0.02 0.00	23.70 0.05 0.00	23.56 0.07 0.00	23.21 0.00 0.00	22.59 0.00 0.00	22.51 0.00 0.00	22.64 -0.02 0.00	24.44 -0.02 0.00	27.27 0.03 0.00	31.12 0.03 0.00	27.85 -0.03 0.00	25.17 -0.08 0.00	23.80 -0.12 0.00	23.35 -0.16 0.00	21.11 -0.21 0.00	19.47 -0.22 0.00

NORTHPORT___1 23551	33.64 1.33 -8.94	26.14 1.30 -3.48	21.79 1.21 -0.13	21.09 1.27 0.00	20.87 1.20 0.00	21.76 1.23 0.00	23.65 1.38 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.84 1.69 -4.65	30.05 1.69 -5.15	29.78 1.65 -5.54	30.65 1.64 -6.50	32.66 1.63 -8.36	34.14 1.71 -7.96	35.50 1.85 -6.40	39.88 2.12 -6.67	35.89 1.92 -6.09	34.71 1.89 -7.57	33.35 1.80 -7.63	33.35 1.81 -8.02	28.50 1.60 -5.58	24.92 1.48 -3.76
NORTHPORT___2 23552	33.64 1.33 -8.94	26.14 1.30 -3.48	21.79 1.21 -0.13	21.09 1.27 0.00	20.87 1.20 0.00	21.76 1.23 0.00	23.65 1.38 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.84 1.69 -4.65	30.05 1.69 -5.15	29.78 1.65 -5.54	30.65 1.64 -6.50	32.66 1.63 -8.36	34.14 1.71 -7.96	35.50 1.85 -6.40	39.88 2.12 -6.67	35.89 1.92 -6.09	34.71 1.89 -7.57	33.35 1.80 -7.63	33.35 1.81 -8.02	28.50 1.60 -5.58	24.92 1.48 -3.76
NORTHPORT___3 23553	33.45 1.14 -8.94	25.90 1.07 -3.48	21.52 0.94 -0.13	20.82 0.99 0.00	20.61 0.94 0.00	21.51 0.99 0.00	23.38 1.11 0.00	25.16 1.19 -1.92	29.67 1.37 -4.17	30.50 1.42 -5.42	29.60 1.46 -4.65	29.80 1.44 -5.15	29.55 1.42 -5.54	30.43 1.42 -6.50	32.46 1.43 -8.36	33.97 1.54 -7.96	35.36 1.72 -6.40	39.78 2.02 -6.67	35.81 1.84 -6.09	34.58 1.77 -7.57	33.23 1.67 -7.63	33.21 1.67 -8.02	28.35 1.45 -5.58	24.75 1.30 -3.76
NORTHPORT___4 23650	33.45 1.14 -8.94	25.90 1.07 -3.48	21.52 0.94 -0.13	20.82 0.99 0.00	20.61 0.94 0.00	21.51 0.99 0.00	23.38 1.11 0.00	25.16 1.19 -1.92	29.67 1.37 -4.17	30.50 1.42 -5.42	29.60 1.46 -4.65	29.80 1.44 -5.15	29.55 1.42 -5.54	30.43 1.42 -6.50	32.46 1.43 -8.36	33.97 1.54 -7.96	35.36 1.72 -6.40	39.78 2.02 -6.67	35.81 1.84 -6.09	34.58 1.77 -7.57	33.23 1.67 -7.63	33.21 1.67 -8.02	28.35 1.45 -5.58	24.75 1.30 -3.76
NORTHPORT___IC 23718	33.64 1.33 -8.94	26.14 1.30 -3.48	21.79 1.21 -0.13	21.09 1.27 0.00	20.87 1.20 0.00	21.76 1.23 0.00	23.65 1.38 0.00	25.40 1.43 -1.92	29.91 1.62 -4.17	30.71 1.63 -5.42	29.84 1.69 -4.65	30.05 1.69 -5.15	29.78 1.65 -5.54	30.65 1.64 -6.50	32.66 1.63 -8.36	34.14 1.71 -7.96	35.50 1.85 -6.40	39.88 2.12 -6.67	35.89 1.92 -6.09	34.71 1.89 -7.57	33.35 1.80 -7.63	33.35 1.81 -8.02	28.50 1.60 -5.58	24.92 1.48 -3.76
NORTH___COUNTRY_ESR 323785	23.93 0.56 0.00	21.87 0.51 0.00	20.94 0.49 0.00	20.28 0.46 0.00	20.14 0.47 0.00	21.00 0.47 0.00	22.76 0.49 0.00	22.56 0.51 0.00	24.68 0.56 0.00	24.20 0.54 0.00	24.06 0.56 0.00	23.74 0.53 0.00	23.11 0.52 0.00	23.03 0.52 0.00	23.16 0.50 0.00	25.01 0.54 0.00	27.87 0.63 0.00	31.78 0.68 0.00	28.46 0.59 0.00	25.70 0.45 0.00	24.31 0.38 0.00	23.87 0.35 0.00	21.58 0.26 0.00	19.93 0.24 0.00
NPX_GEN_1385_PROXY 323591	33.15 0.84 -8.94	25.88 1.05 -3.48	21.77 1.19 -0.13	21.05 1.23 0.00	20.83 1.16 0.00	21.65 1.13 0.00	23.49 1.22 0.00	25.32 1.35 -1.92	29.57 1.28 -4.17	30.33 1.25 -5.42	29.53 1.39 -4.65	29.82 1.46 -5.15	29.53 1.40 -5.54	30.34 1.33 -6.50	32.30 1.27 -8.36	33.80 1.37 -7.96	35.39 1.75 -6.40	39.54 1.77 -6.67	35.56 1.59 -6.09	34.18 1.36 -7.57	32.90 1.34 -7.63	32.90 1.36 -8.02	28.05 1.15 -5.58	24.72 1.28 -3.76
NPX_GEN_CSC 323557	34.08 1.78 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.39 1.57 0.00	21.16 1.49 0.00	22.08 1.56 0.00	23.98 1.71 0.00	25.56 1.59 -1.92	30.34 2.05 -4.17	31.13 2.06 -5.42	30.21 2.07 -4.65	30.38 2.02 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.03 2.00 -8.36	34.61 2.18 -7.96	35.93 2.29 -6.40	40.53 2.77 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.35 1.80 -7.63	33.40 1.86 -8.02	28.65 1.75 -5.58	25.04 1.59 -3.76
NSINS_S_GLNS_FALLS 23858	24.47 1.10 0.00	22.34 0.98 0.00	21.39 0.94 0.00	20.76 0.93 0.00	20.59 0.92 0.00	21.53 1.01 0.00	23.29 1.02 0.00	23.07 1.01 0.00	25.33 1.21 0.00	24.81 1.16 0.00	24.60 1.10 0.00	24.25 1.04 0.00	23.58 0.99 0.00	23.48 0.97 0.00	23.66 1.00 0.00	25.67 1.20 0.00	28.66 1.42 0.00	32.77 1.68 0.00	29.38 1.51 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.43 1.11 0.00	20.65 0.96 0.00
NUCOR_STEEL___DRP 24197	23.21 -0.16 0.00	21.18 -0.17 0.00	20.27 -0.18 0.00	19.65 -0.18 0.00	19.51 -0.16 0.00	20.38 -0.14 0.00	22.13 -0.13 0.00	21.90 -0.15 0.00	23.93 -0.19 0.00	23.42 -0.24 0.00	23.24 -0.26 0.00	22.95 -0.26 0.00	22.34 -0.25 0.00	22.24 -0.27 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	27.03 -0.22 0.00	30.75 -0.34 0.00	27.65 -0.22 0.00	24.99 -0.25 0.00	23.71 -0.22 0.00	23.21 -0.31 0.00	21.05 -0.28 0.00	19.45 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	23.42 0.05 0.00	21.35 0.00 0.00	20.45 0.00 0.00	19.81 -0.02 0.00	19.67 0.00 0.00	20.54 0.02 0.00	22.31 0.04 0.00	22.19 0.13 0.00	24.27 0.15 0.00	23.77 0.12 0.00	23.57 0.07 0.00	23.18 -0.02 0.00	22.54 -0.05 0.00	22.47 -0.04 0.00	22.62 -0.05 0.00	24.25 -0.22 0.00	27.00 -0.25 0.00	30.69 -0.41 0.00	27.49 -0.39 0.00	24.84 -0.40 0.00	23.49 -0.43 0.00	23.05 -0.47 0.00	20.83 -0.49 0.00	19.20 -0.49 0.00
NYISO_LBMP_REFERENCE 24008	23.37 0.00 0.00	21.35 0.00 0.00	20.45 0.00 0.00	19.83 0.00 0.00	19.67 0.00 0.00	20.52 0.00 0.00	22.27 0.00 0.00	22.05 0.00 0.00	24.12 0.00 0.00	23.65 0.00 0.00	23.49 0.00 0.00	23.21 0.00 0.00	22.59 0.00 0.00	22.51 0.00 0.00	22.67 0.00 0.00	24.47 0.00 0.00	27.25 0.00 0.00	31.09 0.00 0.00	27.88 0.00 0.00	25.25 0.00 0.00	23.92 0.00 0.00	23.52 0.00 0.00	21.32 0.00 0.00	19.69 0.00 0.00
NYPA_BRENTWD___GT 24164	33.92 1.61 -8.94	26.35 1.52 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.85 1.58 0.00	25.60 1.63 -1.92	30.15 1.86 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.88 1.87 -6.50	32.91 1.88 -8.36	34.44 2.01 -7.96	35.85 2.21 -6.40	40.34 2.58 -6.67	36.28 2.31 -6.09	35.04 2.22 -7.57	33.61 2.06 -7.63	33.61 2.07 -8.02	28.74 1.83 -5.58	25.12 1.67 -3.76
NYPA_GOWANUS___GT5 24156	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01
NYPA_GOWANUS___GT6 24157	24.43 1.05 -0.01	22.34 0.98 -0.01	21.30 0.84 -0.01	20.76 0.93 -0.01	20.56 0.89 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.31 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	32.96 1.87 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.76 1.43 -0.01	20.96 1.26 -0.01

NYPA_HARLEM__RVR__GT1 24160	24.27 0.89 -0.01	22.26 0.90 -0.01	21.23 0.78 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.00 0.73 0.00	22.88 0.84 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.52 1.28 0.01	32.58 1.49 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.85 1.34 0.01	22.61 1.28 -0.01	20.88 1.18 -0.01
NYPA_HARLEM__RVR__GT2 24161	24.27 0.89 -0.01	22.26 0.90 -0.01	21.23 0.78 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.00 0.73 0.00	22.88 0.84 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.52 1.28 0.01	32.58 1.49 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.85 1.34 0.01	22.61 1.28 -0.01	20.88 1.18 -0.01
NYPA_KENT____GT 24152	24.36 0.98 -0.01	22.28 0.92 -0.01	21.23 0.78 -0.01	20.70 0.87 -0.01	20.50 0.83 -0.01	21.30 0.78 0.00	23.16 0.89 0.00	23.05 0.99 0.00	25.23 1.11 0.00	24.84 1.18 0.00	24.74 1.24 0.00	24.46 1.25 0.00	23.85 1.26 0.00	23.75 1.24 0.00	23.89 1.22 0.00	25.76 1.30 0.00	28.72 1.47 0.00	32.83 1.74 0.00	29.49 1.62 0.00	26.87 1.59 -0.03	25.46 1.53 0.00	25.04 1.53 0.00	22.70 1.37 -0.01	20.92 1.22 -0.01
NYPA_POUCH1____GT 24155	24.40 1.03 -0.01	22.32 0.96 -0.01	21.28 0.82 -0.01	20.75 0.91 -0.01	20.54 0.86 -0.01	21.32 0.80 0.00	23.18 0.91 0.00	23.05 0.99 0.00	25.25 1.13 0.00	24.86 1.21 0.00	24.76 1.27 0.00	24.48 1.28 0.00	23.87 1.29 0.00	23.77 1.26 0.00	23.91 1.25 0.00	25.79 1.32 0.00	28.77 1.52 0.00	32.93 1.83 0.00	29.58 1.70 0.00	26.91 1.64 -0.02	25.53 1.60 0.00	25.12 1.60 0.00	22.74 1.41 -0.01	20.94 1.24 -0.01
NYPA_VERNON____GT2 24162	24.27 0.89 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.44 0.77 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.74 1.65 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
NYPA_VERNON____GT3 24163	24.27 0.89 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.44 0.77 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.74 1.65 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
NYPA__ASTORIA_CC1 323568	24.29 0.91 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.71 1.62 0.00	29.38 1.50 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
NYPA__ASTORIA_CC2 323569	24.29 0.91 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.09 0.82 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.71 1.62 0.00	29.38 1.50 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
NYPA__HOLTSVILL 23794	33.87 1.57 -8.94	26.31 1.47 -3.48	21.93 1.35 -0.13	21.23 1.41 0.00	20.99 1.32 0.00	21.90 1.38 0.00	23.80 1.54 0.00	25.49 1.52 -1.92	30.10 1.81 -4.17	30.92 1.85 -5.42	30.00 1.86 -4.65	30.19 1.83 -5.15	29.94 1.81 -5.54	30.81 1.80 -6.50	32.85 1.81 -8.36	34.36 1.93 -7.96	35.74 2.10 -6.40	40.25 2.49 -6.67	36.17 2.20 -6.09	34.91 2.09 -7.57	33.42 1.87 -7.63	33.44 1.90 -8.02	28.63 1.73 -5.58	25.02 1.58 -3.76
NYPA__HELLGATE_GT1 24158	24.27 0.89 -0.01	22.26 0.90 -0.01	21.23 0.78 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.00 0.73 0.00	22.88 0.84 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.52 1.28 0.01	32.58 1.49 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.85 1.34 0.01	22.61 1.28 -0.01	20.88 1.18 -0.01
NYPA__HELLGATE_GT2 24159	24.27 0.89 -0.01	22.26 0.90 -0.01	21.23 0.78 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.00 0.73 0.00	22.88 0.84 0.01	25.08 0.97 0.01	24.66 1.02 0.01	24.57 1.08 0.01	24.29 1.09 0.01	23.66 1.08 0.01	23.58 1.08 0.01	23.72 1.07 0.01	25.59 1.13 0.01	28.52 1.28 0.01	32.58 1.49 0.01	29.26 1.39 0.01	26.63 1.39 0.01	25.25 1.34 0.01	24.85 1.34 0.01	22.61 1.28 -0.01	20.88 1.18 -0.01
NYS_BARGE__HYD 23848	22.29 -1.07 0.00	20.33 -1.02 0.00	19.92 -0.53 0.00	18.93 -0.89 0.00	18.90 -0.77 0.00	19.62 -0.90 0.00	21.35 -0.91 0.00	20.77 -1.28 0.00	22.70 -1.42 0.00	22.16 -1.49 0.00	21.92 -1.57 0.00	21.79 -1.42 0.00	21.21 -1.38 0.00	21.09 -1.42 0.00	21.31 -1.36 0.00	22.93 -1.54 0.00	25.45 -1.80 0.00	28.89 -2.21 0.00	26.04 -1.84 0.00	23.35 -1.89 0.00	22.32 -1.60 0.00	21.54 -1.98 0.00	19.91 -1.41 0.00	18.53 -1.16 0.00
OAK_ORCHARD__HYD 24046	22.74 -0.63 0.00	20.73 -0.62 0.00	20.10 -0.35 0.00	19.23 -0.59 0.00	19.20 -0.47 0.00	19.97 -0.55 0.00	21.73 -0.53 0.00	21.37 -0.68 0.00	23.32 -0.80 0.00	22.82 -0.83 0.00	22.58 -0.92 0.00	22.37 -0.83 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.87 -0.79 0.00	23.59 -0.88 0.00	26.29 -0.95 0.00	29.91 -1.18 0.00	26.90 -0.98 0.00	24.19 -1.06 0.00	23.04 -0.88 0.00	22.41 -1.10 0.00	20.53 -0.79 0.00	19.00 -0.69 0.00
OAKDALE__35_KV_LOAD 356122	23.37 0.00 0.00	21.35 0.00 0.00	20.45 0.00 0.00	19.81 -0.02 0.00	19.67 0.00 0.00	20.54 0.02 0.00	22.31 0.04 0.00	22.01 -0.04 0.00	24.07 -0.05 0.00	23.58 -0.07 0.00	23.40 -0.09 0.00	23.14 -0.07 0.00	22.52 -0.07 0.00	22.42 -0.09 0.00	22.60 -0.07 0.00	24.40 -0.07 0.00	27.19 -0.05 0.00	30.94 -0.16 0.00	27.85 -0.03 0.00	25.17 -0.08 0.00	23.88 -0.05 0.00	23.38 -0.14 0.00	21.19 -0.13 0.00	19.63 -0.06 0.00
OCC_CHEM__DRP 24175	21.80 -1.57 0.00	19.92 -1.43 0.00	19.14 -1.31 0.00	18.54 -1.29 0.00	18.39 -1.28 0.00	19.29 -1.23 0.00	20.91 -1.36 0.00	20.36 -1.70 0.00	22.19 -1.93 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.83 -1.84 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	27.83 -3.26 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.19 -2.13 0.00	18.05 -1.63 0.00

OH_GEN_PROXY 24063	22.13 -1.24 0.00	20.20 -1.15 0.00	19.77 -0.67 0.00	18.75 -1.07 0.00	18.76 -0.90 0.00	19.50 -1.03 0.00	21.20 -1.07 0.00	20.66 -1.39 0.00	22.55 -1.57 0.00	22.02 -1.63 0.00	21.80 -1.69 0.00	21.65 -1.55 0.00	21.09 -1.49 0.00	20.98 -1.53 0.00	21.17 -1.50 0.00	22.78 -1.69 0.00	25.28 -1.96 0.00	28.70 -2.39 0.00	25.87 -2.01 0.00	23.23 -2.02 0.00	22.20 -1.72 0.00	21.45 -2.07 0.00	19.83 -1.49 0.00	18.43 -1.26 0.00
OLIN_CORP_DRP 24177	22.01 -1.36 0.00	20.09 -1.26 0.00	19.18 -1.27 0.00	18.56 -1.27 0.00	18.57 -1.10 0.00	19.35 -1.17 0.00	21.04 -1.22 0.00	20.47 -1.59 0.00	22.34 -1.78 0.00	21.83 -1.82 0.00	21.59 -1.90 0.00	21.47 -1.74 0.00	20.89 -1.69 0.00	20.78 -1.73 0.00	20.97 -1.70 0.00	22.58 -1.88 0.00	25.04 -2.21 0.00	28.05 -3.05 0.00	25.62 -2.26 0.00	22.97 -2.27 0.00	21.99 -1.94 0.00	21.21 -2.30 0.00	19.30 -2.03 0.00	18.15 -1.54 0.00
OLIN_CORP_DSASP 323712	21.90 -1.47 0.00	19.99 -1.37 0.00	19.61 -0.84 0.00	18.52 -1.31 0.00	18.61 -1.06 0.00	19.29 -1.23 0.00	20.93 -1.34 0.00	20.36 -1.70 0.00	22.21 -1.91 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.85 -1.81 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	28.23 -2.86 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.53 -1.79 0.00	18.17 -1.52 0.00
ONEIDA_HERK_LFGE 323681	23.74 0.37 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.10 0.28 0.00	19.94 0.28 0.00	20.83 0.31 0.00	22.60 0.33 0.00	22.47 0.42 0.00	24.55 0.43 0.00	24.08 0.43 0.00	23.89 0.40 0.00	23.53 0.32 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.96 0.29 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.37 0.28 0.00	28.13 0.25 0.00	25.42 0.18 0.00	24.07 0.14 0.00	23.61 0.09 0.00	21.39 0.06 0.00	19.73 0.04 0.00
ONEIDA___115KV_TB4 55905	23.95 0.58 0.00	21.87 0.51 0.00	20.92 0.47 0.00	20.28 0.46 0.00	20.12 0.45 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.27 0.61 0.00	24.08 0.59 0.00	23.74 0.53 0.00	23.08 0.50 0.00	22.98 0.47 0.00	23.17 0.50 0.00	25.01 0.54 0.00	27.87 0.63 0.00	31.68 0.59 0.00	28.41 0.53 0.00	25.70 0.45 0.00	24.33 0.41 0.00	23.87 0.35 0.00	21.62 0.30 0.00	20.02 0.33 0.00
ONONDAGA_REF_OCCRA 23987	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.07 -0.20 0.00	21.83 -0.22 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.19 -0.31 0.00	22.90 -0.30 0.00	22.29 -0.29 0.00	22.20 -0.32 0.00	22.37 -0.29 0.00	24.15 -0.32 0.00	26.95 -0.30 0.00	30.69 -0.40 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
ONONDAGA___COGEN 23986	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
ONTARIO___LFGE 23819	23.32 -0.05 0.00	21.27 -0.09 0.00	20.51 0.06 0.00	19.71 -0.12 0.00	19.63 -0.04 0.00	20.46 -0.06 0.00	22.25 -0.02 0.00	21.94 -0.11 0.00	23.95 -0.17 0.00	23.44 -0.21 0.00	23.21 -0.28 0.00	22.95 -0.25 0.00	22.34 -0.25 0.00	22.22 -0.29 0.00	22.44 -0.23 0.00	24.22 -0.24 0.00	27.08 -0.16 0.00	30.88 -0.22 0.00	27.74 -0.14 0.00	24.99 -0.25 0.00	23.73 -0.19 0.00	23.12 -0.40 0.00	21.04 -0.28 0.00	19.45 -0.24 0.00
ORANGEVILLE_WT_PWR 323706	22.88 -0.49 0.00	20.86 -0.49 0.00	20.31 -0.14 0.00	19.35 -0.48 0.00	19.33 -0.33 0.00	20.09 -0.43 0.00	21.84 -0.42 0.00	21.30 -0.75 0.00	23.25 -0.87 0.00	22.73 -0.92 0.00	22.46 -1.03 0.00	22.32 -0.88 0.00	21.75 -0.84 0.00	21.66 -0.86 0.00	21.87 -0.79 0.00	23.54 -0.93 0.00	26.16 -1.09 0.00	29.69 -1.40 0.00	26.68 -1.20 0.00	23.96 -1.29 0.00	22.80 -1.12 0.00	22.01 -1.51 0.00	20.19 -1.13 0.00	18.78 -0.91 0.00
ORANGEVILLE___ESR 323794	22.88 -0.49 0.00	20.86 -0.49 0.00	20.31 -0.14 0.00	19.35 -0.48 0.00	19.33 -0.33 0.00	20.09 -0.43 0.00	21.84 -0.42 0.00	21.30 -0.75 0.00	23.25 -0.87 0.00	22.73 -0.92 0.00	22.46 -1.03 0.00	22.32 -0.88 0.00	21.75 -0.84 0.00	21.66 -0.86 0.00	21.87 -0.79 0.00	23.54 -0.93 0.00	26.16 -1.09 0.00	29.69 -1.40 0.00	26.68 -1.20 0.00	23.96 -1.29 0.00	22.80 -1.12 0.00	22.01 -1.51 0.00	20.19 -1.13 0.00	18.78 -0.91 0.00
OSWEGATCHIE___HYD 24044	22.99 -0.37 0.00	20.97 -0.38 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.31 -0.35 0.00	20.16 -0.37 0.00	21.87 -0.40 0.00	21.74 -0.31 0.00	23.78 -0.34 0.00	23.30 -0.35 0.00	23.14 -0.35 0.00	22.79 -0.42 0.00	22.16 -0.43 0.00	22.08 -0.43 0.00	22.24 -0.43 0.00	23.93 -0.54 0.00	26.70 -0.54 0.00	30.41 -0.68 0.00	27.24 -0.64 0.00	24.62 -0.63 0.00	23.30 -0.62 0.00	22.83 -0.68 0.00	20.64 -0.68 0.00	19.04 -0.65 0.00
OSWEGO___5 23606	22.79 -0.58 0.00	20.82 -0.53 0.00	19.98 -0.47 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.01 -0.51 0.00	21.73 -0.53 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.99 -0.66 0.00	22.81 -0.68 0.00	22.56 -0.65 0.00	21.95 -0.63 0.00	21.86 -0.65 0.00	22.03 -0.63 0.00	23.78 -0.68 0.00	26.51 -0.73 0.00	30.22 -0.87 0.00	27.12 -0.75 0.00	24.51 -0.73 0.00	23.25 -0.67 0.00	22.81 -0.70 0.00	20.75 -0.57 0.00	19.18 -0.51 0.00
OSWEGO___6 23613	22.79 -0.58 0.00	20.82 -0.53 0.00	19.98 -0.47 0.00	19.31 -0.52 0.00	19.18 -0.49 0.00	20.01 -0.51 0.00	21.73 -0.53 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.99 -0.66 0.00	22.81 -0.68 0.00	22.56 -0.65 0.00	21.95 -0.63 0.00	21.86 -0.65 0.00	22.03 -0.63 0.00	23.78 -0.68 0.00	26.51 -0.73 0.00	30.22 -0.87 0.00	27.12 -0.75 0.00	24.51 -0.73 0.00	23.25 -0.67 0.00	22.81 -0.70 0.00	20.75 -0.57 0.00	19.18 -0.51 0.00
OUTOKUMPU-AB___DRP 24206	22.43 -0.93 0.00	20.48 -0.88 0.00	19.61 -0.84 0.00	18.99 -0.83 0.00	18.90 -0.77 0.00	19.79 -0.74 0.00	21.49 -0.78 0.00	20.93 -1.12 0.00	22.84 -1.28 0.00	22.31 -1.35 0.00	22.06 -1.43 0.00	21.93 -1.28 0.00	21.34 -1.24 0.00	21.25 -1.26 0.00	21.42 -1.25 0.00	23.07 -1.39 0.00	25.61 -1.63 0.00	28.70 -2.39 0.00	26.20 -1.67 0.00	23.53 -1.72 0.00	22.46 -1.46 0.00	21.68 -1.83 0.00	19.72 -1.60 0.00	18.53 -1.16 0.00
OXBOW___BTM 323836	22.18 -1.19 0.00	20.24 -1.11 0.00	19.43 -1.02 0.00	18.79 -1.03 0.00	18.68 -0.98 0.00	19.58 -0.94 0.00	21.24 -1.02 0.00	20.69 -1.37 0.00	22.58 -1.54 0.00	22.04 -1.61 0.00	21.80 -1.69 0.00	21.67 -1.53 0.00	21.10 -1.49 0.00	21.00 -1.51 0.00	21.17 -1.50 0.00	22.80 -1.66 0.00	25.31 -1.93 0.00	28.33 -2.77 0.00	25.87 -2.01 0.00	23.23 -2.02 0.00	22.20 -1.72 0.00	21.42 -2.09 0.00	19.49 -1.83 0.00	18.33 -1.36 0.00

OXBOW____ 24026	22.23 -1.14 0.00	20.29 -1.07 0.00	19.88 -0.57 0.00	18.79 -1.03 0.00	18.88 -0.79 0.00	19.58 -0.94 0.00	21.24 -1.02 0.00	20.69 -1.37 0.00	22.58 -1.54 0.00	22.04 -1.61 0.00	21.80 -1.69 0.00	21.67 -1.53 0.00	21.09 -1.49 0.00	21.00 -1.51 0.00	21.19 -1.47 0.00	22.80 -1.66 0.00	25.31 -1.93 0.00	28.70 -2.39 0.00	25.87 -2.01 0.00	23.23 -2.02 0.00	22.20 -1.72 0.00	21.42 -2.09 0.00	19.83 -1.49 0.00	18.45 -1.24 0.00
OXY_CHEM_DSASP 323612	21.80 -1.57 0.00	19.92 -1.43 0.00	19.14 -1.31 0.00	18.54 -1.29 0.00	18.39 -1.28 0.00	19.29 -1.23 0.00	20.91 -1.36 0.00	20.36 -1.70 0.00	22.19 -1.93 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.83 -1.84 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	27.83 -3.26 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.19 -2.13 0.00	18.05 -1.63 0.00
OZONE_PARK_ESR 323760	24.33 0.96 0.00	22.27 0.92 0.00	21.37 0.92 0.00	20.70 0.87 0.00	20.49 0.83 0.00	21.30 0.78 0.00	23.23 0.96 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.91 1.25 0.00	24.79 1.29 0.00	24.51 1.30 0.00	23.87 1.29 0.00	23.80 1.28 0.00	23.94 1.27 0.00	25.81 1.35 0.00	28.77 1.53 0.00	32.99 1.90 0.00	29.55 1.67 0.00	26.89 1.64 0.00	25.50 1.58 0.00	25.09 1.58 0.00	22.75 1.43 0.00	20.93 1.24 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.80 -1.57 0.00	19.92 -1.43 0.00	19.14 -1.31 0.00	18.54 -1.29 0.00	18.39 -1.28 0.00	19.29 -1.23 0.00	20.91 -1.36 0.00	20.36 -1.70 0.00	22.19 -1.93 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.83 -1.84 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	27.83 -3.26 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.19 -2.13 0.00	18.05 -1.63 0.00
PACKARD__115KV_DUPONT_184 80571	21.80 -1.57 0.00	19.92 -1.43 0.00	19.14 -1.31 0.00	18.54 -1.29 0.00	18.39 -1.28 0.00	19.29 -1.23 0.00	20.91 -1.36 0.00	20.36 -1.70 0.00	22.19 -1.93 0.00	21.69 -1.96 0.00	21.45 -2.04 0.00	21.33 -1.88 0.00	20.76 -1.83 0.00	20.67 -1.85 0.00	20.83 -1.84 0.00	22.44 -2.03 0.00	24.88 -2.37 0.00	27.83 -3.26 0.00	25.45 -2.43 0.00	22.82 -2.42 0.00	21.84 -2.08 0.00	21.07 -2.45 0.00	19.19 -2.13 0.00	18.05 -1.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.31 0.93 -0.01	22.26 0.90 -0.01	21.34 0.88 -0.01	20.69 0.85 -0.01	20.48 0.81 -0.01	21.24 0.72 0.00	23.00 0.73 0.00	22.87 0.82 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.24 1.32 0.00	24.83 1.32 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.80 1.43 -0.01	22.73 1.37 -0.01	21.83 1.37 -0.01	21.14 1.31 -0.01	20.93 1.26 -0.01	21.69 1.17 0.00	23.56 1.29 0.00	23.46 1.41 0.00	25.69 1.57 0.00	25.24 1.58 0.00	25.12 1.62 0.00	24.81 1.60 0.00	24.19 1.60 0.00	24.09 1.58 0.00	24.23 1.56 0.00	26.11 1.64 0.00	29.07 1.83 0.00	33.30 2.21 0.00	29.85 1.98 0.00	27.17 1.92 0.00	25.77 1.84 0.00	25.35 1.83 0.00	23.10 1.77 -0.01	21.29 1.59 -0.01
PATROON__115KV_TB1 80586	23.72 0.35 0.00	21.70 0.34 0.00	20.82 0.37 0.00	20.20 0.38 0.00	20.06 0.39 0.00	20.93 0.41 0.00	22.69 0.42 0.00	22.47 0.42 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.05 0.39 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.59 0.50 0.00	28.27 0.39 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.03 0.52 0.00	21.79 0.47 0.00	20.10 0.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.04 -0.33 0.00	21.03 -0.32 0.00	20.10 -0.35 0.00	19.45 -0.38 0.00	19.39 -0.28 0.00	20.28 -0.25 0.00	22.07 -0.20 0.00	21.50 -0.55 0.00	23.47 -0.65 0.00	22.94 -0.71 0.00	22.70 -0.80 0.00	22.56 -0.65 0.00	21.98 -0.61 0.00	21.84 -0.68 0.00	22.03 -0.63 0.00	23.73 -0.73 0.00	26.37 -0.87 0.00	29.63 -1.46 0.00	26.98 -0.89 0.00	24.29 -0.96 0.00	23.16 -0.77 0.00	22.39 -1.13 0.00	20.32 -1.00 0.00	19.06 -0.63 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.33 0.96 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.66 0.83 0.00	20.43 0.77 0.00	21.24 0.72 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.25 1.13 0.00	24.81 1.16 0.00	24.67 1.17 0.00	24.30 1.09 0.00	23.69 1.11 0.00	23.59 1.08 0.00	23.75 1.09 0.00	25.72 1.25 0.00	28.66 1.42 0.00	32.83 1.74 0.00	29.38 1.51 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.90 1.39 0.00	22.50 1.17 0.00	20.71 1.02 0.00
PEEKSKILL____ 23653	24.00 0.63 0.00	21.95 0.60 0.00	20.94 0.49 0.00	20.40 0.58 0.00	20.18 0.51 0.00	21.06 0.53 0.00	22.89 0.62 0.00	22.76 0.71 0.00	24.94 0.82 0.00	24.53 0.88 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.40 1.31 0.00	29.07 1.20 0.00	26.43 1.19 0.00	25.05 1.12 0.00	24.67 1.15 0.00	22.28 0.96 0.00	20.54 0.85 0.00
PGE MADISON__WINDPWR 24146	25.57 2.20 0.00	23.30 1.94 0.00	22.35 1.90 0.00	21.55 1.72 0.00	21.44 1.77 0.00	22.37 1.85 0.00	24.27 2.00 0.00	24.13 2.07 0.00	26.31 2.19 0.00	25.69 2.03 0.00	25.40 1.90 0.00	24.92 1.72 0.00	24.12 1.54 0.00	24.00 1.49 0.00	24.21 1.54 0.00	26.30 1.84 0.00	29.59 2.34 0.00	33.74 2.64 0.00	30.24 2.37 0.00	27.24 1.99 0.00	25.74 1.82 0.00	25.12 1.60 0.00	22.71 1.39 0.00	20.87 1.18 0.00
PIERCEFIELD__HYD 23852	23.18 -0.19 0.00	21.14 -0.21 0.00	20.24 -0.20 0.00	19.61 -0.22 0.00	19.47 -0.20 0.00	20.30 -0.23 0.00	22.00 -0.27 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.44 -0.21 0.00	23.31 -0.19 0.00	22.97 -0.23 0.00	22.36 -0.23 0.00	22.29 -0.23 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.78 -0.31 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.59 -0.33 0.00	23.14 -0.38 0.00	20.92 -0.41 0.00	19.30 -0.39 0.00
PINELAWN_CC_1 323563	33.78 1.47 -8.94	26.20 1.37 -3.48	21.83 1.25 -0.13	21.09 1.27 0.00	20.87 1.20 0.00	21.78 1.25 0.00	23.69 1.43 0.00	25.45 1.48 -1.92	29.98 1.69 -4.17	30.78 1.70 -5.42	29.91 1.76 -4.65	30.10 1.74 -5.15	29.84 1.72 -5.54	30.72 1.71 -6.50	32.73 1.70 -8.36	34.29 1.86 -7.96	35.69 2.04 -6.40	40.19 2.43 -6.67	36.14 2.18 -6.09	34.88 2.07 -7.57	33.49 1.94 -7.63	33.49 1.95 -8.02	28.63 1.73 -5.58	25.00 1.56 -3.76
PJM_GEN_HTP_PROXY 323702	24.09 0.73 0.00	22.06 0.70 0.00	21.02 0.57 0.00	20.50 0.67 0.00	20.28 0.61 0.00	21.12 0.60 0.00	23.00 0.73 0.00	22.89 0.84 0.00	25.06 0.94 0.00	24.65 0.99 0.00	24.53 1.03 0.00	24.25 1.05 0.00	23.63 1.04 0.00	23.55 1.04 0.00	23.69 1.02 0.00	25.57 1.10 0.00	28.44 1.20 0.00	32.56 1.46 0.00	29.21 1.34 0.00	26.58 1.34 0.00	25.21 1.29 0.00	24.83 1.32 0.00	22.45 1.13 0.00	20.69 1.00 0.00

PJM_GEN_KEystone 24065	21.17 -0.12 2.08	20.49 -0.11 0.76	19.61 0.00 0.84	18.81 -0.10 0.92	18.99 -0.06 0.62	19.93 -0.10 0.49	20.87 -0.04 1.35	21.90 -0.15 0.00	23.51 -0.14 0.47	23.44 -0.14 0.07	23.33 -0.16 0.00	23.08 -0.12 0.01	22.52 -0.07 0.00	22.40 -0.11 0.00	22.58 -0.09 0.00	23.20 -0.12 1.15	27.00 -0.16 0.08	30.91 -0.19 0.00	27.79 -0.08 0.00	25.17 -0.08 0.00	23.90 -0.02 0.00	23.40 -0.12 0.00	21.26 -0.06 0.00	19.69 0.00 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.31 1.00 -8.94	25.80 0.96 -3.48	21.42 0.84 -0.13	20.74 0.91 0.00	20.51 0.85 0.00	21.41 0.88 0.00	23.27 1.00 0.00	25.05 1.08 -1.92	29.55 1.25 -4.17	30.35 1.28 -5.42	29.46 1.31 -4.65	29.66 1.30 -5.15	29.42 1.29 -5.54	30.29 1.28 -6.50	32.32 1.29 -8.36	33.82 1.39 -7.96	35.17 1.52 -6.40	39.60 1.83 -6.67	35.64 1.67 -6.09	34.43 1.62 -7.57	33.09 1.53 -7.63	33.09 1.55 -8.02	28.25 1.34 -5.58	24.65 1.20 -3.76
PJM_GEN_VFT_PROXY 323633	23.95 0.58 0.00	21.95 0.60 0.00	20.92 0.47 0.00	20.40 0.58 0.00	20.18 0.51 0.00	21.02 0.49 0.00	22.89 0.62 0.00	22.78 0.73 0.00	24.96 0.84 0.00	24.55 0.90 0.00	24.44 0.94 0.00	24.14 0.93 0.00	23.53 0.95 0.00	23.46 0.95 0.00	23.60 0.93 0.00	25.45 0.98 0.00	28.34 1.09 0.00	32.43 1.34 0.00	29.10 1.23 0.00	26.48 1.24 0.00	25.12 1.20 0.00	24.74 1.22 0.00	22.37 1.04 0.00	20.61 0.93 0.00
PLATSBURG_115KV_PMLD1 355749	24.33 0.96 0.00	22.23 0.88 0.00	21.27 0.82 0.00	20.60 0.77 0.00	20.45 0.79 0.00	21.32 0.80 0.00	23.14 0.87 0.00	22.94 0.88 0.00	25.06 0.94 0.00	24.58 0.92 0.00	24.43 0.94 0.00	24.11 0.91 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.31 1.06 0.00	32.31 1.21 0.00	28.93 1.06 0.00	26.13 0.88 0.00	24.69 0.77 0.00	24.22 0.71 0.00	21.90 0.58 0.00	20.22 0.53 0.00
PLEASANTVLY___LBMP 24000	23.95 0.58 0.00	21.93 0.58 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.18 0.51 0.00	21.04 0.51 0.00	22.87 0.60 0.00	22.69 0.64 0.00	24.89 0.77 0.00	24.46 0.80 0.00	24.34 0.85 0.00	24.04 0.84 0.00	23.40 0.81 0.00	23.34 0.83 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.20 0.95 0.00	32.34 1.24 0.00	28.93 1.06 0.00	26.28 1.04 0.00	24.90 0.98 0.00	24.55 1.03 0.00	22.24 0.92 0.00	20.48 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.07 0.70 0.00	22.04 0.68 0.00	21.14 0.70 0.00	20.48 0.65 0.00	20.30 0.63 0.00	21.14 0.62 0.00	22.98 0.71 0.00	22.85 0.79 0.00	25.06 0.94 0.00	24.62 0.97 0.00	24.48 0.99 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.52 1.05 0.00	28.42 1.17 0.00	32.59 1.49 0.00	29.19 1.31 0.00	26.51 1.26 0.00	25.14 1.22 0.00	24.74 1.22 0.00	22.41 1.09 0.00	20.63 0.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.07 0.70 0.00	22.04 0.68 0.00	21.14 0.70 0.00	20.48 0.65 0.00	20.30 0.63 0.00	21.14 0.62 0.00	22.98 0.71 0.00	22.85 0.79 0.00	25.06 0.94 0.00	24.62 0.97 0.00	24.48 0.99 0.00	24.20 1.00 0.00	23.58 0.99 0.00	23.50 0.99 0.00	23.66 1.00 0.00	25.52 1.05 0.00	28.42 1.17 0.00	32.59 1.49 0.00	29.19 1.31 0.00	26.51 1.26 0.00	25.14 1.22 0.00	24.74 1.22 0.00	22.41 1.09 0.00	20.63 0.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.14 0.77 0.00	22.08 0.73 0.00	21.16 0.72 0.00	20.52 0.69 0.00	20.32 0.65 0.00	21.18 0.66 0.00	23.00 0.73 0.00	22.85 0.79 0.00	25.06 0.94 0.00	24.62 0.97 0.00	24.48 0.99 0.00	24.18 0.97 0.00	23.56 0.97 0.00	23.48 0.97 0.00	23.64 0.97 0.00	25.55 1.08 0.00	28.44 1.20 0.00	32.59 1.49 0.00	29.16 1.28 0.00	26.46 1.21 0.00	25.07 1.15 0.00	24.72 1.20 0.00	22.37 1.04 0.00	20.59 0.91 0.00
POLETTI_____ 23519	24.09 0.72 0.00	22.06 0.70 0.00	21.16 0.72 0.00	20.52 0.69 0.00	20.32 0.65 0.00	21.12 0.60 0.00	22.98 0.71 0.00	22.87 0.82 0.00	25.04 0.92 0.00	24.62 0.97 0.00	24.53 1.03 0.00	24.23 1.02 0.00	23.63 1.04 0.00	23.53 1.01 0.00	23.69 1.02 0.00	25.52 1.05 0.00	28.42 1.17 0.00	32.59 1.49 0.00	29.19 1.31 0.00	26.56 1.31 0.00	25.22 1.29 0.00	24.81 1.29 0.00	22.52 1.19 0.00	20.73 1.04 0.00
POMONA___ESR 323819	23.98 0.61 0.00	21.93 0.58 0.00	20.92 0.47 0.00	20.38 0.55 0.00	20.16 0.49 0.00	21.04 0.51 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.91 0.79 0.00	24.48 0.83 0.00	24.36 0.87 0.00	24.07 0.86 0.00	23.44 0.86 0.00	23.37 0.86 0.00	23.51 0.84 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.37 1.28 0.00	29.05 1.17 0.00	26.41 1.16 0.00	25.03 1.10 0.00	24.65 1.13 0.00	22.26 0.94 0.00	20.52 0.83 0.00
PORT_JEFF_3 23555	33.92 1.61 -8.94	26.35 1.52 -3.48	21.97 1.39 -0.13	21.25 1.43 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.85 1.58 0.00	25.54 1.57 -1.92	30.18 1.88 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.24 1.88 -5.15	29.98 1.85 -5.54	30.86 1.85 -6.50	32.89 1.86 -8.36	34.44 2.01 -7.96	35.83 2.18 -6.40	40.34 2.58 -6.67	36.25 2.29 -6.09	34.99 2.17 -7.57	33.49 1.94 -7.63	33.49 1.95 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
PORT_JEFF_4 23616	33.92 1.61 -8.94	26.35 1.52 -3.48	21.97 1.39 -0.13	21.25 1.43 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.85 1.58 0.00	25.54 1.57 -1.92	30.18 1.88 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.24 1.88 -5.15	29.98 1.85 -5.54	30.86 1.85 -6.50	32.89 1.86 -8.36	34.44 2.01 -7.96	35.83 2.18 -6.40	40.34 2.58 -6.67	36.25 2.29 -6.09	34.99 2.17 -7.57	33.49 1.94 -7.63	33.49 1.95 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
PORT_JEFF_IC 23713	33.94 1.64 -8.94	26.37 1.54 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.04 1.38 0.00	21.96 1.44 0.00	23.85 1.58 0.00	25.56 1.59 -1.92	30.20 1.91 -4.17	30.99 1.92 -5.42	30.09 1.95 -4.65	30.26 1.90 -5.15	30.03 1.90 -5.54	30.90 1.89 -6.50	32.91 1.88 -8.36	34.49 2.06 -7.96	35.85 2.21 -6.40	40.41 2.64 -6.67	36.28 2.31 -6.09	35.01 2.20 -7.57	33.52 1.96 -7.63	33.51 1.98 -8.02	28.69 1.79 -5.58	25.08 1.63 -3.76
PPL PILGRIM_ST_GT1 24216	33.92 1.61 -8.94	26.35 1.52 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.85 1.58 0.00	25.60 1.63 -1.92	30.15 1.86 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.88 1.87 -6.50	32.91 1.88 -8.36	34.44 2.01 -7.96	35.85 2.21 -6.40	40.34 2.58 -6.67	36.28 2.31 -6.09	35.04 2.22 -7.57	33.61 2.06 -7.63	33.61 2.07 -8.02	28.74 1.83 -5.58	25.12 1.67 -3.76
PPL PILGRIM_ST_GT2 24217	33.92 1.61 -8.94	26.35 1.52 -3.48	21.99 1.41 -0.13	21.27 1.45 0.00	21.02 1.36 0.00	21.94 1.42 0.00	23.85 1.58 0.00	25.60 1.63 -1.92	30.15 1.86 -4.17	30.97 1.89 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.88 1.87 -6.50	32.91 1.88 -8.36	34.44 2.01 -7.96	35.85 2.21 -6.40	40.34 2.58 -6.67	36.28 2.31 -6.09	35.04 2.22 -7.57	33.61 2.06 -7.63	33.61 2.07 -8.02	28.74 1.83 -5.58	25.12 1.67 -3.76

PPL_SHRM_GT3 24213	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.58 1.61 -1.92	30.37 2.07 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.40 2.04 -5.15	30.14 2.01 -5.54	31.01 2.00 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.96 2.31 -6.40	40.56 2.80 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
PPL_SHRM_GT4 24214	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.58 1.61 -1.92	30.37 2.07 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.40 2.04 -5.15	30.14 2.01 -5.54	31.01 2.00 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.96 2.31 -6.40	40.56 2.80 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
PROJECT___ORANGE 1 24174	23.04 -0.33 0.00	21.03 -0.32 0.00	20.14 -0.31 0.00	19.53 -0.30 0.00	19.37 -0.30 0.00	20.24 -0.29 0.00	21.98 -0.29 0.00	21.74 -0.31 0.00	23.73 -0.39 0.00	23.25 -0.40 0.00	23.07 -0.42 0.00	22.81 -0.39 0.00	22.20 -0.38 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.05 -0.42 0.00	26.84 -0.41 0.00	30.57 -0.53 0.00	27.43 -0.45 0.00	24.82 -0.43 0.00	23.54 -0.38 0.00	23.07 -0.45 0.00	20.94 -0.38 0.00	19.37 -0.32 0.00
PROJECT___ORANGE 2 24166	23.04 -0.33 0.00	21.03 -0.32 0.00	20.14 -0.31 0.00	19.53 -0.30 0.00	19.37 -0.30 0.00	20.24 -0.29 0.00	21.98 -0.29 0.00	21.74 -0.31 0.00	23.73 -0.39 0.00	23.25 -0.40 0.00	23.07 -0.42 0.00	22.81 -0.39 0.00	22.20 -0.38 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.05 -0.42 0.00	26.84 -0.41 0.00	30.57 -0.53 0.00	27.43 -0.45 0.00	24.82 -0.43 0.00	23.54 -0.38 0.00	23.07 -0.45 0.00	20.94 -0.38 0.00	19.37 -0.32 0.00
PUCKETT___SOLAR 323809	23.93 0.56 0.00	21.84 0.49 0.00	20.98 0.53 0.00	20.24 0.42 0.00	20.12 0.45 0.00	21.00 0.47 0.00	22.80 0.53 0.00	22.56 0.51 0.00	24.65 0.53 0.00	24.13 0.47 0.00	23.89 0.40 0.00	23.58 0.37 0.00	22.93 0.34 0.00	22.83 0.32 0.00	23.03 0.36 0.00	24.91 0.44 0.00	27.84 0.60 0.00	31.78 0.68 0.00	28.52 0.64 0.00	25.75 0.50 0.00	24.43 0.50 0.00	23.87 0.35 0.00	21.66 0.34 0.00	20.02 0.33 0.00
PYRITES___HYD 24023	23.56 0.19 0.00	21.48 0.13 0.00	20.57 0.12 0.00	19.92 0.10 0.00	19.79 0.12 0.00	20.63 0.10 0.00	22.36 0.09 0.00	22.23 0.18 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.73 0.23 0.00	23.37 0.16 0.00	22.74 0.16 0.00	22.67 0.16 0.00	22.80 0.14 0.00	24.62 0.15 0.00	27.49 0.25 0.00	31.37 0.28 0.00	28.10 0.22 0.00	25.40 0.15 0.00	24.04 0.12 0.00	23.56 0.05 0.00	21.30 -0.02 0.00	19.63 -0.06 0.00
QUAKERRD_115KV_BK1 80622	22.27 -1.10 0.00	20.33 -1.02 0.00	19.45 -1.00 0.00	18.83 -0.99 0.00	18.72 -0.94 0.00	19.58 -0.94 0.00	21.29 -0.98 0.00	20.97 -1.08 0.00	22.89 -1.23 0.00	22.40 -1.25 0.00	22.20 -1.29 0.00	21.95 -1.25 0.00	21.39 -1.20 0.00	21.30 -1.22 0.00	21.47 -1.20 0.00	23.17 -1.30 0.00	25.83 -1.42 0.00	29.23 -1.87 0.00	26.43 -1.45 0.00	23.81 -1.44 0.00	22.63 -1.29 0.00	22.06 -1.46 0.00	20.02 -1.30 0.00	18.59 -1.10 0.00
QUENSBRY_115KV_TB8 356137	24.51 1.15 0.00	22.38 1.02 0.00	21.43 0.98 0.00	20.78 0.95 0.00	20.63 0.96 0.00	21.57 1.05 0.00	23.32 1.05 0.00	23.11 1.06 0.00	25.35 1.23 0.00	24.84 1.18 0.00	24.65 1.15 0.00	24.30 1.09 0.00	23.60 1.02 0.00	23.50 0.99 0.00	23.71 1.04 0.00	25.69 1.22 0.00	28.72 1.47 0.00	32.83 1.74 0.00	29.44 1.56 0.00	26.66 1.41 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.47 1.15 0.00	20.67 0.98 0.00
RAMAPO___LBMP 323565	23.88 0.51 0.00	21.87 0.51 0.00	20.96 0.51 0.00	20.32 0.50 0.00	20.12 0.45 0.00	20.96 0.43 0.00	22.80 0.53 0.00	22.65 0.60 0.00	24.84 0.72 0.00	24.41 0.76 0.00	24.27 0.78 0.00	23.97 0.77 0.00	23.38 0.79 0.00	23.28 0.77 0.00	23.44 0.77 0.00	25.30 0.83 0.00	28.17 0.93 0.00	32.31 1.21 0.00	28.93 1.06 0.00	26.33 1.09 0.00	24.93 1.00 0.00	24.55 1.03 0.00	22.24 0.92 0.00	20.46 0.77 0.00
RANKINE____ 23646	22.79 -0.58 0.00	20.80 -0.56 0.00	19.90 -0.55 0.00	19.25 -0.57 0.00	19.18 -0.49 0.00	20.05 -0.47 0.00	21.82 -0.45 0.00	21.26 -0.79 0.00	23.20 -0.92 0.00	22.68 -0.97 0.00	22.44 -1.06 0.00	22.30 -0.91 0.00	21.71 -0.88 0.00	21.61 -0.90 0.00	21.81 -0.86 0.00	23.47 -1.00 0.00	26.05 -1.20 0.00	29.23 -1.87 0.00	26.65 -1.23 0.00	23.93 -1.31 0.00	22.85 -1.08 0.00	22.06 -1.46 0.00	20.04 -1.28 0.00	18.80 -0.89 0.00
RAVENSWOOD_GT2_1 24244	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT2_2 24245	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT2_3 24246	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.71 1.62 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.56 1.24 0.00	20.75 1.06 0.00
RAVENSWOOD_GT2_4 24247	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.56 0.73 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.71 1.62 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.56 1.24 0.00	20.75 1.06 0.00
RAVENSWOOD_GT3_1 24248	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00



RAVENSWOOD_GT3_2 24249	24.14 0.77 0.00	22.10 0.75 0.00	21.21 0.76 0.00	20.54 0.71 0.00	20.36 0.69 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT3_3 24250	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.58 0.75 0.00	20.38 0.71 0.00	21.18 0.66 0.00	23.07 0.80 0.00	22.94 0.88 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.60 1.10 0.00	24.32 1.11 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.74 1.65 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.58 1.26 0.00	20.77 1.08 0.00
RAVENSWOOD_GT3_4 24251	24.16 0.79 0.00	22.12 0.77 0.00	21.23 0.78 0.00	20.58 0.75 0.00	20.38 0.71 0.00	21.18 0.66 0.00	23.07 0.80 0.00	22.94 0.88 0.00	25.13 1.01 0.00	24.72 1.06 0.00	24.60 1.10 0.00	24.32 1.11 0.00	23.69 1.11 0.00	23.62 1.10 0.00	23.75 1.09 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.74 1.65 0.00	29.30 1.42 0.00	26.66 1.41 0.00	25.29 1.36 0.00	24.88 1.36 0.00	22.58 1.26 0.00	20.77 1.08 0.00
RAVENSWOOD_GT_1 23729	24.29 0.91 -0.01	22.24 0.88 -0.01	21.32 0.86 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.41 1.53 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.97 1.46 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
RAVENSWOOD_GT_10 24258	24.14 0.77 0.00	22.10 0.75 0.00	21.20 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT_11 24259	24.14 0.77 0.00	22.10 0.75 0.00	21.20 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT_4 24252	24.11 0.75 0.01	22.07 0.73 0.01	21.16 0.72 0.01	20.51 0.69 0.01	20.31 0.65 0.01	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.51 1.19 0.01	20.73 1.04 0.01
RAVENSWOOD_GT_5 24254	24.11 0.75 0.01	22.07 0.73 0.01	21.16 0.72 0.01	20.51 0.69 0.01	20.31 0.65 0.01	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.51 1.19 0.01	20.73 1.04 0.01
RAVENSWOOD_GT_6 24253	24.11 0.75 0.01	22.07 0.73 0.01	21.16 0.72 0.01	20.51 0.69 0.01	20.31 0.65 0.01	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.51 1.19 0.01	20.73 1.04 0.01
RAVENSWOOD_GT_7 24255	24.11 0.75 0.01	22.07 0.73 0.01	21.16 0.72 0.01	20.51 0.69 0.01	20.31 0.65 0.01	21.14 0.62 0.00	23.03 0.76 0.00	22.89 0.84 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.25 1.04 0.00	23.65 1.06 0.00	23.55 1.04 0.00	23.71 1.04 0.00	25.57 1.10 0.00	28.47 1.23 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.22 1.29 0.00	24.83 1.32 0.00	22.51 1.19 0.01	20.73 1.04 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.14 0.77 0.00	22.10 0.75 0.00	21.20 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD_GT_9 24257	24.14 0.77 0.00	22.10 0.75 0.00	21.20 0.76 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RAVENSWOOD___1 23533	24.27 0.89 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.44 0.77 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.74 1.65 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
RAVENSWOOD___2 23534	24.27 0.89 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.44 0.77 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.74 1.65 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
RAVENSWOOD___3 23535	24.14 0.77 0.00	22.10 0.75 0.00	21.06 0.61 0.00	20.54 0.71 0.00	20.32 0.65 0.00	21.16 0.64 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.59 1.49 0.00	29.27 1.39 0.00	26.63 1.39 0.00	25.26 1.34 0.00	24.86 1.34 0.00	22.49 1.17 0.00	20.73 1.04 0.00

RAVENSWOOD___4 23820	24.27 0.89 -0.01	22.24 0.88 -0.01	21.19 0.74 -0.01	20.67 0.83 -0.01	20.44 0.77 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.74 1.65 0.00	29.41 1.53 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.98 1.46 0.00	22.63 1.30 -0.01	20.86 1.16 -0.01
RCPI_TRUST___DRP 24196	24.12 0.75 0.00	22.08 0.73 0.00	21.19 0.74 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.14 0.62 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.11 0.99 0.00	24.67 1.02 0.00	24.58 1.08 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.50 1.25 0.00	32.68 1.59 0.00	29.27 1.39 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.75 1.06 0.00
RED___ROCHESTER 323720	22.88 -0.49 0.00	20.84 -0.51 0.00	20.20 -0.24 0.00	19.33 -0.49 0.00	19.27 -0.39 0.00	20.07 -0.45 0.00	21.84 -0.42 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.77 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.45 -0.79 0.00	30.13 -0.96 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.66 -0.66 0.00	19.08 -0.61 0.00
REGAN___SOLAR 323812	25.45 2.08 0.00	23.19 1.84 0.00	22.17 1.72 0.00	21.43 1.61 0.00	21.32 1.65 0.00	22.23 1.70 0.00	24.09 1.83 0.00	23.86 1.81 0.00	26.27 2.15 0.00	25.69 2.03 0.00	25.49 2.00 0.00	25.11 1.90 0.00	24.39 1.81 0.00	24.22 1.71 0.00	24.46 1.79 0.00	26.55 2.08 0.00	29.72 2.48 0.00	33.92 2.83 0.00	30.53 2.65 0.00	27.60 2.35 0.00	26.24 2.32 0.00	25.80 2.28 0.00	23.28 1.96 0.00	21.34 1.65 0.00
RENSSELAER___COGEN 23796	23.65 0.28 0.00	21.63 0.28 0.00	20.70 0.25 0.00	20.14 0.32 0.00	19.96 0.30 0.00	20.85 0.33 0.00	22.60 0.33 0.00	22.38 0.33 0.00	24.41 0.29 0.00	23.96 0.31 0.00	23.78 0.28 0.00	23.51 0.30 0.00	22.86 0.27 0.00	22.80 0.29 0.00	22.96 0.29 0.00	24.76 0.29 0.00	27.49 0.24 0.00	31.40 0.31 0.00	28.15 0.28 0.00	25.57 0.33 0.00	24.23 0.31 0.00	23.92 0.40 0.00	21.66 0.34 0.00	20.02 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.50 2.13 0.00	23.25 1.90 0.00	22.25 1.80 0.00	21.57 1.74 0.00	21.44 1.77 0.00	22.43 1.91 0.00	24.27 2.00 0.00	24.06 2.01 0.00	26.46 2.34 0.00	25.88 2.22 0.00	25.61 2.11 0.00	25.23 2.02 0.00	24.53 1.94 0.00	24.38 1.87 0.00	24.62 1.95 0.00	26.77 2.30 0.00	30.00 2.75 0.00	34.30 3.20 0.00	30.75 2.87 0.00	27.82 2.58 0.00	26.41 2.49 0.00	25.94 2.42 0.00	23.41 2.09 0.00	21.52 1.83 0.00
REVERE_CPPR_DRP 24186	24.09 0.72 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.24 0.57 0.00	21.14 0.62 0.00	22.94 0.67 0.00	22.78 0.73 0.00	24.92 0.80 0.00	24.41 0.76 0.00	24.22 0.73 0.00	23.86 0.65 0.00	23.17 0.59 0.00	23.10 0.59 0.00	23.28 0.61 0.00	25.10 0.64 0.00	28.04 0.79 0.00	31.87 0.78 0.00	28.57 0.70 0.00	25.83 0.58 0.00	24.45 0.53 0.00	23.99 0.47 0.00	21.71 0.38 0.00	20.06 0.37 0.00
REYNOLDS_115KV_TB3 80639	23.74 0.37 0.00	21.72 0.36 0.00	20.80 0.35 0.00	20.20 0.38 0.00	20.04 0.37 0.00	20.93 0.41 0.00	22.67 0.40 0.00	22.45 0.40 0.00	24.55 0.43 0.00	24.10 0.45 0.00	23.94 0.45 0.00	23.65 0.44 0.00	22.99 0.41 0.00	22.94 0.43 0.00	23.10 0.43 0.00	24.93 0.46 0.00	27.68 0.44 0.00	31.68 0.59 0.00	28.32 0.45 0.00	25.75 0.50 0.00	24.35 0.43 0.00	24.06 0.54 0.00	21.81 0.49 0.00	20.12 0.43 0.00
RIVERBAY____ 323610	24.80 1.43 -0.01	22.73 1.37 -0.01	21.83 1.37 -0.01	21.14 1.31 -0.01	20.93 1.26 -0.01	21.69 1.17 0.00	23.56 1.29 0.00	23.46 1.41 0.00	25.69 1.57 0.00	25.24 1.58 0.00	25.12 1.62 0.00	24.81 1.60 0.00	24.19 1.60 0.00	24.09 1.58 0.00	24.23 1.56 0.00	26.11 1.64 0.00	29.07 1.83 0.00	33.30 2.21 0.00	29.85 1.98 0.00	27.17 1.92 0.00	25.77 1.84 0.00	25.35 1.83 0.00	23.10 1.77 -0.01	21.29 1.59 -0.01
RIVERSDE_115KV_TB3 55908	23.72 0.35 0.00	21.67 0.32 0.00	20.80 0.35 0.00	20.18 0.36 0.00	20.02 0.35 0.00	20.91 0.39 0.00	22.65 0.38 0.00	22.43 0.37 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.59 0.50 0.00	28.24 0.36 0.00	25.68 0.43 0.00	24.31 0.38 0.00	24.01 0.49 0.00	21.77 0.45 0.00	20.10 0.41 0.00
ROARING___BROOK_WT_PWR 323790	23.37 0.00 0.00	21.35 0.00 0.00	20.43 -0.02 0.00	19.81 -0.02 0.00	19.65 -0.02 0.00	20.48 -0.04 0.00	22.20 -0.07 0.00	21.99 -0.07 0.00	24.05 -0.07 0.00	23.56 -0.09 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.56 -0.02 0.00	22.49 -0.02 0.00	22.62 -0.05 0.00	24.37 -0.10 0.00	27.06 -0.19 0.00	30.78 -0.31 0.00	27.51 -0.36 0.00	24.87 -0.38 0.00	23.52 -0.41 0.00	23.14 -0.38 0.00	20.96 -0.36 0.00	19.37 -0.32 0.00
ROCHESRG_115KV_T4 355643	22.65 -0.72 0.00	20.65 -0.70 0.00	19.75 -0.70 0.00	19.13 -0.69 0.00	19.02 -0.65 0.00	19.91 -0.62 0.00	21.64 -0.62 0.00	21.28 -0.77 0.00	23.23 -0.89 0.00	22.71 -0.95 0.00	22.48 -1.01 0.00	22.28 -0.93 0.00	21.68 -0.90 0.00	21.59 -0.92 0.00	21.76 -0.91 0.00	23.49 -0.98 0.00	26.16 -1.09 0.00	29.54 -1.55 0.00	26.76 -1.12 0.00	24.09 -1.16 0.00	22.94 -0.98 0.00	22.32 -1.20 0.00	20.26 -1.07 0.00	18.84 -0.85 0.00
ROCHESTER_9_IC 23652	22.76 -0.61 0.00	20.76 -0.60 0.00	19.86 -0.59 0.00	19.23 -0.59 0.00	19.12 -0.55 0.00	19.99 -0.53 0.00	21.76 -0.51 0.00	21.39 -0.66 0.00	23.35 -0.77 0.00	22.85 -0.80 0.00	22.60 -0.89 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.70 -0.81 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	29.73 -1.37 0.00	26.93 -0.95 0.00	24.21 -1.04 0.00	23.06 -0.86 0.00	22.43 -1.08 0.00	20.36 -0.96 0.00	18.94 -0.75 0.00
ROCKVIEW_13_KV_LD 356306	24.14 0.77 0.00	22.10 0.75 0.00	21.19 0.74 0.00	20.54 0.71 0.00	20.34 0.67 0.00	21.18 0.66 0.00	23.05 0.78 0.00	22.91 0.86 0.00	25.13 1.01 0.00	24.69 1.04 0.00	24.58 1.08 0.00	24.30 1.09 0.00	23.67 1.08 0.00	23.59 1.08 0.00	23.73 1.07 0.00	25.62 1.15 0.00	28.53 1.28 0.00	32.71 1.62 0.00	29.30 1.42 0.00	26.64 1.39 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.52 1.19 0.00	20.71 1.02 0.00
ROME____115KV_TB2 80656	24.09 0.72 0.00	21.97 0.62 0.00	21.02 0.57 0.00	20.38 0.56 0.00	20.24 0.57 0.00	21.14 0.62 0.00	22.94 0.67 0.00	22.78 0.73 0.00	24.92 0.80 0.00	24.41 0.76 0.00	24.22 0.73 0.00	23.86 0.65 0.00	23.17 0.59 0.00	23.10 0.59 0.00	23.28 0.61 0.00	25.10 0.64 0.00	28.04 0.79 0.00	31.87 0.78 0.00	28.57 0.70 0.00	25.83 0.58 0.00	24.45 0.53 0.00	23.99 0.47 0.00	21.71 0.38 0.00	20.06 0.37 0.00

ROSETON___1 23587	23.93 0.56 0.00	21.89 0.53 0.00	20.90 0.45 0.00	20.34 0.51 0.00	20.14 0.47 0.00	21.02 0.49 0.00	22.85 0.58 0.00	22.67 0.62 0.00	24.87 0.75 0.00	24.43 0.78 0.00	24.29 0.80 0.00	24.00 0.79 0.00	23.38 0.79 0.00	23.30 0.79 0.00	23.46 0.79 0.00	25.32 0.86 0.00	28.17 0.93 0.00	32.21 1.12 0.00	28.91 1.03 0.00	26.26 1.01 0.00	24.88 0.96 0.00	24.53 1.01 0.00	22.15 0.83 0.00	20.44 0.75 0.00
ROSETON___2 23588	23.93 0.56 0.00	21.89 0.53 0.00	20.90 0.45 0.00	20.34 0.51 0.00	20.14 0.47 0.00	21.02 0.49 0.00	22.85 0.58 0.00	22.67 0.62 0.00	24.87 0.75 0.00	24.43 0.78 0.00	24.29 0.80 0.00	24.00 0.79 0.00	23.38 0.79 0.00	23.30 0.79 0.00	23.46 0.79 0.00	25.32 0.86 0.00	28.17 0.93 0.00	32.21 1.12 0.00	28.91 1.03 0.00	26.26 1.01 0.00	24.88 0.96 0.00	24.53 1.01 0.00	22.15 0.83 0.00	20.44 0.75 0.00
ROTTTRDAM_115KV_TB3 80664	23.88 0.51 0.00	21.82 0.47 0.00	20.90 0.45 0.00	20.28 0.46 0.00	20.10 0.43 0.00	21.00 0.47 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.72 0.60 0.00	24.24 0.59 0.00	24.08 0.59 0.00	23.79 0.58 0.00	23.13 0.54 0.00	23.05 0.54 0.00	23.23 0.57 0.00	25.10 0.64 0.00	27.95 0.71 0.00	31.96 0.87 0.00	28.63 0.75 0.00	25.95 0.71 0.00	24.57 0.65 0.00	24.20 0.68 0.00	21.92 0.60 0.00	20.22 0.53 0.00
RUSSELL___1 23602	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
RUSSELL___2 23532	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
RUSSELL___3 23549	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
RUSSELL___4 23556	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
RUSSELL___STATION 23914	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
S SALMON___HYD 24043	22.76 -0.61 0.00	20.78 -0.58 0.00	19.92 -0.53 0.00	19.27 -0.55 0.00	19.14 -0.53 0.00	19.99 -0.53 0.00	21.71 -0.56 0.00	21.52 -0.53 0.00	23.52 -0.60 0.00	23.04 -0.62 0.00	22.84 -0.66 0.00	22.53 -0.67 0.00	21.91 -0.68 0.00	21.84 -0.67 0.00	22.01 -0.66 0.00	23.76 -0.71 0.00	26.54 -0.71 0.00	30.26 -0.84 0.00	27.12 -0.75 0.00	24.51 -0.73 0.00	23.23 -0.69 0.00	22.76 -0.75 0.00	20.66 -0.66 0.00	19.06 -0.63 0.00
S.PERRY__115KV_TB1 80734	23.67 0.30 0.00	21.55 0.19 0.00	20.59 0.14 0.00	19.92 0.10 0.00	19.84 0.18 0.00	20.75 0.23 0.00	22.60 0.33 0.00	22.23 0.18 0.00	24.24 0.12 0.00	23.70 0.05 0.00	23.42 -0.07 0.00	23.21 0.00 0.00	22.59 0.00 0.00	22.47 -0.05 0.00	22.67 0.00 0.00	24.44 -0.02 0.00	27.33 0.08 0.00	30.84 -0.25 0.00	27.93 0.06 0.00	25.10 -0.15 0.00	23.88 -0.05 0.00	23.14 -0.38 0.00	20.96 -0.36 0.00	19.47 -0.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.46 -0.91 0.00	20.52 -0.83 0.00	19.63 -0.82 0.00	18.99 -0.83 0.00	18.92 -0.75 0.00	19.79 -0.74 0.00	21.53 -0.73 0.00	20.95 -1.10 0.00	22.89 -1.23 0.00	22.35 -1.30 0.00	22.11 -1.39 0.00	21.98 -1.23 0.00	21.39 -1.20 0.00	21.30 -1.22 0.00	21.49 -1.18 0.00	23.12 -1.35 0.00	25.67 -1.58 0.00	28.76 -2.33 0.00	26.26 -1.62 0.00	23.58 -1.67 0.00	22.51 -1.41 0.00	21.75 -1.76 0.00	19.77 -1.56 0.00	18.57 -1.12 0.00
SAWYER___23_KV_LOAD 55526	22.46 -0.91 0.00	20.52 -0.83 0.00	19.63 -0.82 0.00	18.99 -0.83 0.00	18.92 -0.75 0.00	19.79 -0.74 0.00	21.53 -0.73 0.00	20.95 -1.10 0.00	22.89 -1.23 0.00	22.35 -1.30 0.00	22.11 -1.39 0.00	21.98 -1.23 0.00	21.39 -1.20 0.00	21.30 -1.22 0.00	21.49 -1.18 0.00	23.12 -1.35 0.00	25.67 -1.58 0.00	28.76 -2.33 0.00	26.26 -1.62 0.00	23.58 -1.67 0.00	22.51 -1.41 0.00	21.75 -1.76 0.00	19.77 -1.56 0.00	18.57 -1.12 0.00
SELKIRK___I 23801	23.88 0.51 0.00	21.84 0.49 0.00	20.90 0.45 0.00	20.30 0.48 0.00	20.14 0.47 0.00	21.04 0.51 0.00	22.78 0.51 0.00	22.56 0.51 0.00	24.65 0.53 0.00	24.17 0.52 0.00	23.99 0.49 0.00	23.69 0.49 0.00	23.06 0.48 0.00	22.99 0.47 0.00	23.14 0.48 0.00	25.01 0.54 0.00	27.79 0.54 0.00	31.75 0.65 0.00	28.46 0.59 0.00	25.83 0.58 0.00	24.47 0.55 0.00	24.15 0.64 0.00	21.86 0.53 0.00	20.18 0.49 0.00
SELKIRK___II 23799	23.70 0.33 0.00	21.67 0.32 0.00	20.74 0.29 0.00	20.16 0.34 0.00	19.98 0.31 0.00	20.87 0.35 0.00	22.62 0.36 0.00	22.43 0.37 0.00	24.50 0.38 0.00	24.03 0.38 0.00	23.87 0.37 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.03 0.36 0.00	24.86 0.39 0.00	27.63 0.38 0.00	31.56 0.47 0.00	28.29 0.42 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.01 0.49 0.00	21.73 0.40 0.00	20.06 0.37 0.00
SENECA OSWGO___HYD 24041	22.81 -0.56 0.00	20.82 -0.53 0.00	19.98 -0.47 0.00	19.31 -0.52 0.00	19.20 -0.47 0.00	20.03 -0.49 0.00	21.73 -0.53 0.00	21.52 -0.53 0.00	23.49 -0.63 0.00	23.02 -0.64 0.00	22.84 -0.66 0.00	22.58 -0.63 0.00	21.95 -0.63 0.00	21.88 -0.63 0.00	22.06 -0.61 0.00	23.81 -0.66 0.00	26.54 -0.71 0.00	30.28 -0.81 0.00	27.15 -0.72 0.00	24.57 -0.68 0.00	23.30 -0.62 0.00	22.86 -0.66 0.00	20.77 -0.55 0.00	19.18 -0.51 0.00

SENECA___115KV_TB3 355854	22.83 -0.54 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.27 -0.56 0.00	19.22 -0.45 0.00	20.09 -0.43 0.00	21.87 -0.40 0.00	21.28 -0.77 0.00	23.25 -0.87 0.00	22.71 -0.95 0.00	22.48 -1.01 0.00	22.32 -0.88 0.00	21.75 -0.84 0.00	21.63 -0.88 0.00	21.83 -0.84 0.00	23.51 -0.95 0.00	26.10 -1.14 0.00	29.29 -1.80 0.00	26.68 -1.20 0.00	23.98 -1.26 0.00	22.90 -1.03 0.00	22.11 -1.41 0.00	20.06 -1.26 0.00	18.84 -0.85 0.00
SENECA___ENERGY 23797	22.95 -0.42 0.00	20.93 -0.43 0.00	20.14 -0.31 0.00	19.41 -0.42 0.00	19.31 -0.35 0.00	20.16 -0.37 0.00	21.91 -0.36 0.00	21.63 -0.42 0.00	23.64 -0.48 0.00	23.13 -0.52 0.00	22.91 -0.59 0.00	22.65 -0.56 0.00	22.04 -0.54 0.00	21.97 -0.54 0.00	22.15 -0.52 0.00	23.91 -0.56 0.00	26.81 -0.44 0.00	30.59 -0.50 0.00	27.46 -0.42 0.00	24.77 -0.48 0.00	23.52 -0.41 0.00	22.95 -0.56 0.00	20.87 -0.45 0.00	19.27 -0.41 0.00
SHOEMAKER___GT 23640	23.86 0.49 0.00	21.82 0.47 0.00	20.84 0.39 0.00	20.26 0.44 0.00	20.06 0.39 0.00	20.93 0.41 0.00	22.74 0.47 0.00	22.58 0.53 0.00	24.75 0.63 0.00	24.29 0.64 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.24 0.66 0.00	23.17 0.65 0.00	23.32 0.66 0.00	25.20 0.73 0.00	28.06 0.82 0.00	32.06 0.96 0.00	28.79 0.92 0.00	26.13 0.88 0.00	24.76 0.84 0.00	24.39 0.87 0.00	22.05 0.73 0.00	20.32 0.63 0.00
SHOEMAKR_138KV_BK 111 55601	23.86 0.49 0.00	21.80 0.45 0.00	20.90 0.45 0.00	20.26 0.44 0.00	20.08 0.41 0.00	20.91 0.39 0.00	22.74 0.47 0.00	22.56 0.51 0.00	24.75 0.63 0.00	24.29 0.64 0.00	24.15 0.66 0.00	23.86 0.65 0.00	23.24 0.66 0.00	23.16 0.65 0.00	23.32 0.66 0.00	25.20 0.73 0.00	28.06 0.82 0.00	32.12 1.03 0.00	28.80 0.92 0.00	26.13 0.88 0.00	24.76 0.84 0.00	24.39 0.87 0.00	22.07 0.75 0.00	20.34 0.65 0.00
SHOREHAM_IC_1 23715	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.58 1.61 -1.92	30.37 2.07 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.40 2.04 -5.15	30.14 2.01 -5.54	31.01 2.00 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.96 2.31 -6.40	40.56 2.80 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
SHOREHAM_IC_2 23716	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.58 1.61 -1.92	30.37 2.07 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.40 2.04 -5.15	30.14 2.01 -5.54	31.01 2.00 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.96 2.31 -6.40	40.56 2.80 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.40 1.84 -7.63	33.42 1.88 -8.02	28.67 1.77 -5.58	25.06 1.61 -3.76
SISSONVILLE____ 23735	23.18 -0.19 0.00	21.14 -0.21 0.00	20.24 -0.20 0.00	19.61 -0.22 0.00	19.47 -0.20 0.00	20.30 -0.23 0.00	22.00 -0.27 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.44 -0.21 0.00	23.31 -0.19 0.00	22.97 -0.23 0.00	22.36 -0.23 0.00	22.29 -0.23 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.78 -0.31 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.59 -0.33 0.00	23.14 -0.38 0.00	20.92 -0.41 0.00	19.30 -0.39 0.00
SITHE_IND_GS1 24169	22.64 -0.72 0.00	20.69 -0.66 0.00	19.86 -0.59 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.60 -0.67 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.64 -0.68 0.00	19.06 -0.63 0.00
SITHE_IND_GS2 24170	22.64 -0.72 0.00	20.69 -0.66 0.00	19.86 -0.59 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.60 -0.67 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.64 -0.68 0.00	19.06 -0.63 0.00
SITHE_IND_GS3 24171	22.64 -0.72 0.00	20.69 -0.66 0.00	19.86 -0.59 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.60 -0.67 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.64 -0.68 0.00	19.06 -0.63 0.00
SITHE_IND_GS4 24172	22.64 -0.72 0.00	20.69 -0.66 0.00	19.86 -0.59 0.00	19.19 -0.64 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.60 -0.67 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.82 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	30.00 -1.09 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.64 -0.68 0.00	19.06 -0.63 0.00
SITHE___BATAVIA 24024	22.86 -0.51 0.00	20.82 -0.53 0.00	20.33 -0.12 0.00	19.35 -0.48 0.00	19.31 -0.35 0.00	20.07 -0.45 0.00	21.87 -0.40 0.00	21.39 -0.66 0.00	23.35 -0.77 0.00	22.82 -0.83 0.00	22.55 -0.94 0.00	22.37 -0.83 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.90 -0.77 0.00	23.59 -0.88 0.00	26.27 -0.98 0.00	29.85 -1.24 0.00	26.87 -1.00 0.00	24.14 -1.11 0.00	23.01 -0.91 0.00	22.27 -1.25 0.00	20.49 -0.83 0.00	19.00 -0.69 0.00
SITHE___INDEPEND 23800	22.65 -0.72 0.00	20.69 -0.66 0.00	19.79 -0.65 0.00	19.19 -0.63 0.00	19.06 -0.61 0.00	19.89 -0.64 0.00	21.60 -0.67 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.83 -0.83 0.00	22.67 -0.82 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.72 -0.79 0.00	21.87 -0.79 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	29.97 -1.12 0.00	26.93 -0.95 0.00	24.34 -0.91 0.00	23.09 -0.84 0.00	22.67 -0.85 0.00	20.60 -0.72 0.00	19.04 -0.65 0.00
SITHE___MASSENA 23902	23.70 0.33 0.00	21.65 0.30 0.00	20.71 0.27 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.77 0.25 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.41 0.29 0.00	23.94 0.28 0.00	23.80 0.30 0.00	23.49 0.28 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.70 0.19 0.00	21.47 0.15 0.00	19.83 0.14 0.00
SITHE___OGDNSBRG 24021	23.74 0.37 0.00	21.67 0.32 0.00	20.76 0.31 0.00	20.10 0.28 0.00	19.96 0.30 0.00	20.79 0.27 0.00	22.56 0.29 0.00	22.41 0.35 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.92 0.42 0.00	23.55 0.35 0.00	22.93 0.34 0.00	22.85 0.34 0.00	22.98 0.32 0.00	24.84 0.37 0.00	27.71 0.46 0.00	31.62 0.53 0.00	28.32 0.45 0.00	25.60 0.35 0.00	24.23 0.31 0.00	23.78 0.26 0.00	21.49 0.17 0.00	19.83 0.14 0.00

SITHE___STERLING 23777	23.95 0.58 0.00	21.87 0.51 0.00	20.94 0.49 0.00	20.28 0.46 0.00	20.14 0.47 0.00	21.04 0.51 0.00	22.83 0.56 0.00	22.65 0.60 0.00	24.77 0.65 0.00	24.27 0.61 0.00	24.08 0.59 0.00	23.74 0.53 0.00	23.08 0.50 0.00	22.99 0.47 0.00	23.16 0.50 0.00	25.01 0.54 0.00	27.87 0.63 0.00	31.72 0.62 0.00	28.40 0.53 0.00	25.70 0.45 0.00	24.33 0.41 0.00	23.87 0.35 0.00	21.64 0.32 0.00	20.04 0.35 0.00
SLEIGHT__34_KV_TB1 80719	22.76 -0.61 0.00	20.76 -0.60 0.00	19.86 -0.59 0.00	19.23 -0.59 0.00	19.12 -0.55 0.00	19.99 -0.53 0.00	21.73 -0.53 0.00	21.46 -0.60 0.00	23.42 -0.70 0.00	22.92 -0.73 0.00	22.72 -0.78 0.00	22.46 -0.74 0.00	21.86 -0.72 0.00	21.77 -0.74 0.00	21.94 -0.73 0.00	23.69 -0.78 0.00	26.46 -0.79 0.00	29.97 -1.12 0.00	27.04 -0.84 0.00	24.39 -0.86 0.00	23.18 -0.74 0.00	22.60 -0.92 0.00	20.49 -0.83 0.00	19.00 -0.69 0.00
SOUTH CAIRO___GT 23612	24.65 1.28 0.00	22.51 1.15 0.00	21.55 1.10 0.00	20.93 1.11 0.00	20.75 1.08 0.00	21.65 1.13 0.00	23.43 1.16 0.00	23.20 1.15 0.00	25.35 1.23 0.00	24.79 1.14 0.00	24.58 1.08 0.00	24.25 1.05 0.00	23.60 1.02 0.00	23.55 1.04 0.00	23.73 1.07 0.00	25.74 1.27 0.00	28.69 1.44 0.00	32.77 1.68 0.00	29.38 1.50 0.00	26.61 1.36 0.00	25.24 1.31 0.00	24.88 1.36 0.00	22.43 1.11 0.00	20.73 1.04 0.00
SOUTH HAMPTN___IC 23720	34.41 2.10 -8.94	26.78 1.94 -3.48	22.38 1.80 -0.13	21.65 1.82 0.00	21.42 1.75 0.00	22.35 1.83 0.00	24.27 2.00 0.00	25.89 1.92 -1.92	30.63 2.34 -4.17	31.44 2.37 -5.42	30.49 2.35 -4.65	30.66 2.30 -5.15	30.39 2.26 -5.54	31.26 2.25 -6.50	33.32 2.29 -8.36	34.93 2.50 -7.96	36.32 2.67 -6.40	41.00 3.23 -6.67	36.78 2.81 -6.09	35.44 2.63 -7.57	33.78 2.23 -7.63	33.80 2.26 -8.02	28.99 2.09 -5.58	25.34 1.89 -3.76
SOUTHDOW_115KV_TB1 355954	23.72 0.35 0.00	21.63 0.28 0.00	20.63 0.18 0.00	19.96 0.14 0.00	19.90 0.24 0.00	20.79 0.27 0.00	22.67 0.40 0.00	22.12 0.07 0.00	24.17 0.05 0.00	23.61 -0.05 0.00	23.33 -0.16 0.00	23.21 0.00 0.00	22.61 0.02 0.00	22.49 -0.02 0.00	22.71 0.05 0.00	24.40 -0.07 0.00	27.03 -0.22 0.00	30.38 -0.72 0.00	27.57 -0.31 0.00	24.77 -0.48 0.00	23.57 -0.36 0.00	22.74 -0.78 0.00	20.58 -0.75 0.00	19.33 -0.35 0.00
SOUTHOLD_69_KV_BK 2 55809	34.79 2.48 -8.94	27.12 2.28 -3.48	22.79 2.21 -0.13	21.95 2.12 0.00	21.71 2.05 0.00	22.60 2.07 0.00	24.63 2.36 0.00	26.26 2.29 -1.92	31.04 2.75 -4.17	31.82 2.74 -5.42	30.87 2.73 -4.65	31.03 2.67 -5.15	30.75 2.62 -5.54	31.67 2.66 -6.50	33.71 2.67 -8.36	35.34 2.91 -7.96	36.86 3.21 -6.40	41.65 3.89 -6.67	37.31 3.35 -6.09	35.89 3.08 -7.57	34.24 2.68 -7.63	34.22 2.68 -8.02	29.37 2.47 -5.58	25.67 2.22 -3.76
SOUTHOLD___IC 23719	34.78 2.48 -8.94	27.12 2.29 -3.48	22.69 2.11 -0.13	21.95 2.12 0.00	21.71 2.05 0.00	22.68 2.15 0.00	24.63 2.36 0.00	26.26 2.29 -1.92	31.04 2.75 -4.17	31.82 2.74 -5.42	30.87 2.72 -4.65	31.02 2.67 -5.15	30.75 2.62 -5.54	31.64 2.63 -6.50	33.70 2.67 -8.36	35.34 2.91 -7.96	36.80 3.16 -6.40	41.59 3.82 -6.67	37.31 3.34 -6.09	35.89 3.08 -7.57	34.24 2.68 -7.63	34.22 2.68 -8.02	29.35 2.45 -5.58	25.67 2.22 -3.76
SOUTH_FORK_WT_PWR 323839	34.83 2.52 -8.94	27.16 2.33 -3.48	22.73 2.15 -0.13	21.99 2.16 0.00	21.75 2.08 0.00	22.72 2.20 0.00	24.67 2.41 0.00	26.31 2.34 -1.92	31.09 2.80 -4.17	31.87 2.79 -5.42	30.92 2.77 -4.65	31.05 2.69 -5.15	30.77 2.64 -5.54	31.67 2.66 -6.50	33.73 2.70 -8.36	35.39 2.96 -7.96	36.83 3.19 -6.40	41.65 3.89 -6.67	37.37 3.40 -6.09	35.94 3.13 -7.57	34.26 2.70 -7.63	34.24 2.70 -8.02	29.39 2.49 -5.58	25.71 2.26 -3.76
SPIERFLS_115KV_TB 1 80737	24.37 1.00 0.00	22.25 0.90 0.00	21.31 0.86 0.00	20.68 0.85 0.00	20.51 0.85 0.00	21.45 0.92 0.00	23.20 0.94 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.69 1.04 0.00	24.50 1.01 0.00	24.16 0.95 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.55 1.08 0.00	28.55 1.31 0.00	32.65 1.55 0.00	29.24 1.37 0.00	26.48 1.24 0.00	25.10 1.17 0.00	24.72 1.20 0.00	22.35 1.02 0.00	20.58 0.89 0.00
ST LAWRENCE____ 23600	23.46 0.09 0.00	21.42 0.06 0.00	20.51 0.06 0.00	19.88 0.06 0.00	19.73 0.06 0.00	20.57 0.04 0.00	22.27 0.00 0.00	22.08 0.02 0.00	24.14 0.02 0.00	23.68 0.02 0.00	23.54 0.05 0.00	23.25 0.05 0.00	22.63 0.05 0.00	22.56 0.05 0.00	22.69 0.02 0.00	24.49 0.02 0.00	27.27 0.03 0.00	31.12 0.03 0.00	27.88 0.00 0.00	25.22 -0.03 0.00	23.92 0.00 0.00	23.49 -0.02 0.00	21.28 -0.04 0.00	19.67 -0.02 0.00
STATE_CA_115KV_115_LB 55624	23.72 0.35 0.00	21.70 0.34 0.00	20.82 0.37 0.00	20.22 0.40 0.00	20.06 0.39 0.00	20.93 0.41 0.00	22.69 0.42 0.00	22.47 0.42 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.05 0.39 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.59 0.50 0.00	28.27 0.39 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.03 0.52 0.00	21.79 0.47 0.00	20.12 0.43 0.00
STATE_ST_34_KV_LOAD 55959	23.16 -0.21 0.00	21.14 -0.21 0.00	20.22 -0.22 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.34 -0.18 0.00	22.09 -0.18 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.39 -0.26 0.00	23.21 -0.28 0.00	22.95 -0.26 0.00	22.32 -0.27 0.00	22.22 -0.29 0.00	22.39 -0.27 0.00	24.15 -0.32 0.00	26.95 -0.30 0.00	30.69 -0.40 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.14 -0.38 0.00	20.98 -0.34 0.00	19.39 -0.30 0.00
STATION 5_MISC_HYD 23604	22.76 -0.61 0.00	20.76 -0.60 0.00	20.12 -0.33 0.00	19.25 -0.58 0.00	19.22 -0.45 0.00	19.99 -0.53 0.00	21.76 -0.51 0.00	21.39 -0.66 0.00	23.35 -0.77 0.00	22.85 -0.80 0.00	22.60 -0.89 0.00	22.39 -0.81 0.00	21.80 -0.79 0.00	21.70 -0.81 0.00	21.90 -0.77 0.00	23.61 -0.86 0.00	26.32 -0.93 0.00	29.98 -1.12 0.00	26.93 -0.95 0.00	24.21 -1.04 0.00	23.06 -0.86 0.00	22.44 -1.08 0.00	20.56 -0.77 0.00	19.02 -0.67 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.04 -0.33 0.00	20.99 -0.36 0.00	20.08 -0.37 0.00	19.45 -0.38 0.00	19.33 -0.33 0.00	20.22 -0.31 0.00	22.00 -0.27 0.00	21.70 -0.35 0.00	23.69 -0.43 0.00	23.18 -0.47 0.00	22.95 -0.54 0.00	22.70 -0.51 0.00	22.09 -0.50 0.00	21.99 -0.52 0.00	22.19 -0.48 0.00	23.95 -0.51 0.00	26.76 -0.49 0.00	30.32 -0.78 0.00	27.37 -0.50 0.00	24.67 -0.58 0.00	23.45 -0.48 0.00	22.83 -0.68 0.00	20.70 -0.62 0.00	19.20 -0.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.67 -0.70 0.00	20.67 -0.68 0.00	19.75 -0.70 0.00	19.15 -0.67 0.00	19.04 -0.63 0.00	19.91 -0.62 0.00	21.64 -0.62 0.00	21.33 -0.73 0.00	23.28 -0.84 0.00	22.78 -0.88 0.00	22.53 -0.96 0.00	22.32 -0.88 0.00	21.73 -0.86 0.00	21.63 -0.88 0.00	21.81 -0.86 0.00	23.54 -0.93 0.00	26.26 -0.98 0.00	29.66 -1.43 0.00	26.84 -1.03 0.00	24.16 -1.09 0.00	23.01 -0.91 0.00	22.39 -1.13 0.00	20.32 -1.00 0.00	18.88 -0.81 0.00

STA_56___34_KV_BUS2 355983	22.67 -0.70 0.00	20.67 -0.68 0.00	19.75 -0.70 0.00	19.15 -0.67 0.00	19.04 -0.63 0.00	19.91 -0.62 0.00	21.64 -0.62 0.00	21.33 -0.73 0.00	23.28 -0.84 0.00	22.78 -0.88 0.00	22.53 -0.96 0.00	22.32 -0.88 0.00	21.73 -0.86 0.00	21.63 -0.88 0.00	21.81 -0.86 0.00	23.54 -0.93 0.00	26.26 -0.98 0.00	29.66 -1.43 0.00	26.84 -1.03 0.00	24.16 -1.09 0.00	23.01 -0.91 0.00	22.39 -1.13 0.00	20.32 -1.00 0.00	18.88 -0.81 0.00
STA_67___115KV_BK2 355882	22.72 -0.65 0.00	20.71 -0.64 0.00	19.82 -0.63 0.00	19.19 -0.63 0.00	19.08 -0.59 0.00	19.97 -0.55 0.00	21.71 -0.56 0.00	21.35 -0.71 0.00	23.30 -0.82 0.00	22.80 -0.85 0.00	22.58 -0.92 0.00	22.35 -0.86 0.00	21.75 -0.84 0.00	21.68 -0.83 0.00	21.83 -0.84 0.00	23.56 -0.91 0.00	26.26 -0.98 0.00	29.66 -1.43 0.00	26.87 -1.00 0.00	24.16 -1.09 0.00	23.01 -0.91 0.00	22.39 -1.13 0.00	20.32 -1.00 0.00	18.90 -0.79 0.00
STA_7___115KV_9TRANS 80674	22.86 -0.51 0.00	20.84 -0.51 0.00	19.92 -0.53 0.00	19.29 -0.54 0.00	19.20 -0.47 0.00	20.07 -0.45 0.00	21.82 -0.45 0.00	21.48 -0.57 0.00	23.44 -0.68 0.00	22.94 -0.71 0.00	22.72 -0.78 0.00	22.49 -0.72 0.00	21.89 -0.70 0.00	21.81 -0.70 0.00	21.99 -0.68 0.00	23.71 -0.76 0.00	26.46 -0.79 0.00	29.88 -1.21 0.00	27.07 -0.81 0.00	24.34 -0.91 0.00	23.18 -0.74 0.00	22.53 -0.99 0.00	20.45 -0.87 0.00	19.02 -0.67 0.00
STA_82___115KV_TB1 80780	22.72 -0.65 0.00	20.73 -0.62 0.00	19.82 -0.63 0.00	19.19 -0.63 0.00	19.10 -0.57 0.00	19.97 -0.55 0.00	21.71 -0.56 0.00	21.37 -0.68 0.00	23.30 -0.82 0.00	22.80 -0.85 0.00	22.58 -0.92 0.00	22.35 -0.86 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.85 -0.82 0.00	23.59 -0.88 0.00	26.29 -0.95 0.00	29.66 -1.43 0.00	26.87 -1.00 0.00	24.19 -1.06 0.00	23.04 -0.89 0.00	22.39 -1.13 0.00	20.34 -0.98 0.00	18.92 -0.77 0.00
STEEL___WIND 323596	22.81 -0.56 0.00	20.82 -0.53 0.00	20.33 -0.12 0.00	19.31 -0.52 0.00	19.31 -0.35 0.00	20.07 -0.45 0.00	21.84 -0.42 0.00	21.26 -0.79 0.00	23.23 -0.89 0.00	22.68 -0.97 0.00	22.46 -1.03 0.00	22.30 -0.91 0.00	21.73 -0.86 0.00	21.61 -0.90 0.00	21.83 -0.84 0.00	23.49 -0.98 0.00	26.07 -1.17 0.00	29.60 -1.49 0.00	26.68 -1.20 0.00	23.96 -1.29 0.00	22.87 -1.05 0.00	22.08 -1.44 0.00	20.34 -0.98 0.00	18.94 -0.75 0.00
STEPHTWN_115KV_BK_2 55603	23.93 0.56 0.00	21.87 0.51 0.00	20.96 0.51 0.00	20.36 0.54 0.00	20.20 0.53 0.00	21.10 0.57 0.00	22.91 0.65 0.00	22.71 0.66 0.00	24.82 0.70 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.86 0.65 0.00	23.20 0.61 0.00	23.12 0.61 0.00	23.30 0.63 0.00	25.13 0.66 0.00	27.93 0.68 0.00	31.96 0.87 0.00	28.63 0.75 0.00	26.00 0.76 0.00	24.62 0.69 0.00	24.29 0.78 0.00	22.01 0.68 0.00	20.30 0.61 0.00
STEBUBEN_REC_LFGE 323667	23.74 0.37 0.00	21.65 0.30 0.00	20.69 0.25 0.00	20.00 0.18 0.00	19.92 0.26 0.00	20.83 0.31 0.00	22.62 0.36 0.00	22.16 0.11 0.00	24.22 0.10 0.00	23.65 0.00 0.00	23.40 -0.09 0.00	23.21 0.00 0.00	22.59 0.00 0.00	22.47 -0.05 0.00	22.67 0.00 0.00	24.44 -0.02 0.00	27.25 0.00 0.00	30.72 -0.37 0.00	27.76 -0.11 0.00	24.97 -0.28 0.00	23.71 -0.22 0.00	22.93 -0.59 0.00	20.77 -0.55 0.00	19.35 -0.33 0.00
STILLWATER___SOLAR 323814	24.23 0.87 0.00	22.14 0.79 0.00	21.16 0.72 0.00	20.56 0.73 0.00	20.40 0.73 0.00	21.35 0.82 0.00	23.11 0.85 0.00	22.87 0.82 0.00	25.11 0.99 0.00	24.60 0.95 0.00	24.41 0.92 0.00	24.09 0.88 0.00	23.42 0.84 0.00	23.35 0.83 0.00	23.53 0.86 0.00	25.47 1.00 0.00	28.39 1.14 0.00	32.43 1.34 0.00	29.07 1.20 0.00	26.36 1.11 0.00	24.95 1.03 0.00	24.60 1.08 0.00	22.22 0.90 0.00	20.50 0.81 0.00
STONY___BROOK 24151	33.92 1.61 -8.94	26.33 1.49 -3.48	21.95 1.37 -0.13	21.23 1.41 0.00	21.01 1.34 0.00	21.92 1.40 0.00	23.83 1.56 0.00	25.56 1.59 -1.92	30.18 1.88 -4.17	30.99 1.92 -5.42	30.07 1.93 -4.65	30.26 1.90 -5.15	30.00 1.87 -5.54	30.90 1.89 -6.50	32.91 1.88 -8.36	34.49 2.06 -7.96	35.88 2.23 -6.40	40.44 2.67 -6.67	36.31 2.34 -6.09	35.01 2.20 -7.57	33.54 1.98 -7.63	33.54 2.00 -8.02	28.71 1.81 -5.58	25.08 1.63 -3.76
STURGEON_POOL_HYD 23609	24.02 0.65 0.00	21.95 0.60 0.00	21.04 0.59 0.00	20.40 0.57 0.00	20.20 0.53 0.00	21.02 0.49 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.92 0.80 0.00	24.48 0.83 0.00	24.36 0.87 0.00	24.04 0.84 0.00	23.44 0.86 0.00	23.37 0.86 0.00	23.53 0.86 0.00	25.42 0.95 0.00	28.31 1.06 0.00	32.43 1.34 0.00	29.05 1.17 0.00	26.38 1.14 0.00	24.98 1.05 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.52 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.91 0.54 0.00	21.87 0.51 0.00	20.96 0.51 0.00	20.32 0.50 0.00	20.12 0.45 0.00	20.98 0.45 0.00	22.80 0.53 0.00	22.63 0.57 0.00	24.82 0.70 0.00	24.39 0.73 0.00	24.25 0.75 0.00	23.95 0.74 0.00	23.33 0.75 0.00	23.25 0.74 0.00	23.41 0.75 0.00	25.28 0.81 0.00	28.14 0.90 0.00	32.24 1.15 0.00	28.91 1.03 0.00	26.26 1.01 0.00	24.88 0.96 0.00	24.50 0.99 0.00	22.18 0.85 0.00	20.42 0.73 0.00
SWANROAD_115KV_TB1 355699	22.01 -1.36 0.00	20.11 -1.24 0.00	19.18 -1.27 0.00	18.56 -1.27 0.00	18.57 -1.10 0.00	19.35 -1.17 0.00	21.04 -1.22 0.00	20.47 -1.59 0.00	22.36 -1.76 0.00	21.83 -1.82 0.00	21.59 -1.90 0.00	21.47 -1.74 0.00	20.89 -1.69 0.00	20.80 -1.71 0.00	20.97 -1.70 0.00	22.58 -1.88 0.00	25.07 -2.18 0.00	28.05 -3.05 0.00	25.62 -2.26 0.00	23.00 -2.25 0.00	21.99 -1.94 0.00	21.21 -2.30 0.00	19.30 -2.03 0.00	18.15 -1.54 0.00
SYNERGY___BIOGAS 323694	22.86 -0.51 0.00	20.82 -0.53 0.00	20.33 -0.12 0.00	19.35 -0.48 0.00	19.31 -0.35 0.00	20.07 -0.45 0.00	21.87 -0.40 0.00	21.39 -0.66 0.00	23.35 -0.77 0.00	22.82 -0.83 0.00	22.55 -0.94 0.00	22.37 -0.83 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.90 -0.77 0.00	23.59 -0.88 0.00	26.27 -0.98 0.00	29.85 -1.24 0.00	26.87 -1.00 0.00	24.14 -1.11 0.00	23.01 -0.91 0.00	22.27 -1.25 0.00	20.49 -0.83 0.00	19.00 -0.69 0.00
SYRACUSE___ENERGY_ST1 323597	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	23.14 -0.23 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.59 -0.24 0.00	19.45 -0.22 0.00	20.32 -0.21 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.88 -0.32 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.35 -0.32 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.69 -0.40 0.00	27.54 -0.33 0.00	24.92 -0.33 0.00	23.64 -0.29 0.00	23.16 -0.35 0.00	21.02 -0.30 0.00	19.43 -0.26 0.00

SYRACUSE___POWER 24017	23.11 -0.26 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.57 -0.26 0.00	19.43 -0.24 0.00	20.30 -0.23 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.90 -0.30 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.37 -0.29 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.66 -0.44 0.00	27.54 -0.33 0.00	24.89 -0.35 0.00	23.61 -0.31 0.00	23.16 -0.35 0.00	21.00 -0.32 0.00	19.43 -0.26 0.00
TALLMAN___138KV_BK151 55660	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.89 0.77 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.40 1.31 0.00	29.02 1.14 0.00	26.38 1.14 0.00	25.00 1.08 0.00	24.62 1.11 0.00	22.28 0.96 0.00	20.52 0.83 0.00
TEALLAVE_115KV_TB7 355573	23.04 -0.33 0.00	21.03 -0.32 0.00	20.12 -0.33 0.00	19.51 -0.32 0.00	19.37 -0.30 0.00	20.24 -0.29 0.00	21.96 -0.31 0.00	21.72 -0.33 0.00	23.73 -0.39 0.00	23.25 -0.40 0.00	23.07 -0.42 0.00	22.79 -0.42 0.00	22.18 -0.41 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.03 -0.44 0.00	26.81 -0.44 0.00	30.53 -0.56 0.00	27.43 -0.45 0.00	24.79 -0.45 0.00	23.52 -0.41 0.00	23.07 -0.45 0.00	20.94 -0.38 0.00	19.35 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	22.58 -0.79 0.00	20.58 -0.77 0.00	19.65 -0.80 0.00	19.01 -0.81 0.00	19.00 -0.67 0.00	19.83 -0.70 0.00	21.58 -0.69 0.00	21.06 -0.99 0.00	22.99 -1.13 0.00	22.47 -1.18 0.00	22.23 -1.27 0.00	22.05 -1.16 0.00	21.48 -1.11 0.00	21.36 -1.15 0.00	21.56 -1.11 0.00	23.22 -1.25 0.00	25.83 -1.42 0.00	28.95 -2.15 0.00	26.40 -1.48 0.00	23.71 -1.54 0.00	22.63 -1.29 0.00	21.87 -1.65 0.00	19.87 -1.45 0.00	18.63 -1.06 0.00
TEMPLE___115KV_TB 2 55572	23.04 -0.33 0.00	21.03 -0.32 0.00	20.14 -0.31 0.00	19.53 -0.30 0.00	19.37 -0.30 0.00	20.24 -0.29 0.00	21.98 -0.29 0.00	21.74 -0.31 0.00	23.73 -0.39 0.00	23.25 -0.40 0.00	23.07 -0.42 0.00	22.81 -0.39 0.00	22.20 -0.38 0.00	22.11 -0.41 0.00	22.28 -0.39 0.00	24.05 -0.42 0.00	26.84 -0.41 0.00	30.57 -0.53 0.00	27.43 -0.45 0.00	24.82 -0.43 0.00	23.54 -0.38 0.00	23.07 -0.45 0.00	20.94 -0.38 0.00	19.37 -0.32 0.00
TIANA___69_KV_BK 1 55817	34.32 2.01 -8.94	26.69 1.86 -3.48	22.40 1.82 -0.13	21.57 1.74 0.00	21.36 1.69 0.00	22.19 1.66 0.00	24.18 1.92 0.00	25.80 1.83 -1.92	30.56 2.27 -4.17	31.35 2.27 -5.42	30.42 2.28 -4.65	30.56 2.20 -5.15	30.32 2.19 -5.54	31.22 2.21 -6.50	33.25 2.22 -8.36	34.83 2.40 -7.96	36.26 2.62 -6.40	40.94 3.17 -6.67	36.64 2.68 -6.09	35.34 2.52 -7.57	33.69 2.13 -7.63	33.70 2.16 -8.02	28.95 2.05 -5.58	25.28 1.83 -3.76
TILDEN___115KV_TB1 80814	23.11 -0.26 0.00	21.12 -0.23 0.00	20.20 -0.25 0.00	19.57 -0.26 0.00	19.43 -0.24 0.00	20.30 -0.23 0.00	22.05 -0.22 0.00	21.81 -0.24 0.00	23.83 -0.29 0.00	23.35 -0.31 0.00	23.17 -0.33 0.00	22.90 -0.30 0.00	22.27 -0.32 0.00	22.20 -0.32 0.00	22.37 -0.29 0.00	24.13 -0.34 0.00	26.92 -0.33 0.00	30.66 -0.44 0.00	27.54 -0.33 0.00	24.89 -0.35 0.00	23.61 -0.31 0.00	23.16 -0.35 0.00	21.00 -0.32 0.00	19.43 -0.26 0.00
TRIGEN___CC 323695	33.41 1.10 -8.94	25.88 1.05 -3.48	21.60 1.02 -0.13	20.80 0.97 0.00	20.59 0.92 0.00	21.43 0.90 0.00	23.36 1.09 0.00	25.14 1.17 -1.92	29.62 1.33 -4.17	30.43 1.35 -5.42	29.53 1.39 -4.65	29.73 1.37 -5.15	29.51 1.38 -5.54	30.36 1.35 -6.50	32.39 1.36 -8.36	33.90 1.47 -7.96	35.28 1.63 -6.40	39.78 2.02 -6.67	35.75 1.78 -6.09	34.53 1.72 -7.57	33.18 1.63 -7.63	33.18 1.65 -8.02	28.37 1.47 -5.58	24.75 1.30 -3.76
TRINITY___115KV___4 BK 55933	23.67 0.30 0.00	21.65 0.30 0.00	20.76 0.31 0.00	20.16 0.34 0.00	20.00 0.33 0.00	20.87 0.35 0.00	22.62 0.36 0.00	22.41 0.35 0.00	24.43 0.31 0.00	23.98 0.33 0.00	23.80 0.31 0.00	23.53 0.32 0.00	22.88 0.29 0.00	22.83 0.32 0.00	22.98 0.32 0.00	24.79 0.32 0.00	27.52 0.27 0.00	31.50 0.40 0.00	28.18 0.31 0.00	25.60 0.35 0.00	24.26 0.33 0.00	23.96 0.45 0.00	21.73 0.41 0.00	20.06 0.37 0.00
UNION___PROCESSING_DRP 323587	22.74 -0.63 0.00	20.73 -0.62 0.00	19.84 -0.61 0.00	19.21 -0.61 0.00	19.10 -0.57 0.00	19.97 -0.55 0.00	21.73 -0.53 0.00	21.37 -0.68 0.00	23.32 -0.80 0.00	22.83 -0.83 0.00	22.58 -0.92 0.00	22.37 -0.84 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.85 -0.82 0.00	23.59 -0.88 0.00	26.29 -0.95 0.00	29.69 -1.40 0.00	26.90 -0.98 0.00	24.19 -1.06 0.00	23.04 -0.89 0.00	22.41 -1.11 0.00	20.34 -0.98 0.00	18.92 -0.77 0.00
UPPER HUDSON___HYD 24058	24.37 1.00 0.00	22.25 0.90 0.00	21.29 0.84 0.00	20.68 0.85 0.00	20.51 0.85 0.00	21.45 0.92 0.00	23.20 0.94 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.69 1.04 0.00	24.50 1.01 0.00	24.16 0.95 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.54 1.08 0.00	28.55 1.31 0.00	32.62 1.52 0.00	29.24 1.37 0.00	26.48 1.24 0.00	25.10 1.17 0.00	24.72 1.20 0.00	22.30 0.98 0.00	20.55 0.87 0.00
UPPER RAQUET___HYD 24056	23.18 -0.19 0.00	21.14 -0.21 0.00	20.24 -0.20 0.00	19.61 -0.22 0.00	19.47 -0.20 0.00	20.30 -0.23 0.00	22.00 -0.27 0.00	21.85 -0.20 0.00	23.90 -0.22 0.00	23.44 -0.21 0.00	23.31 -0.19 0.00	22.97 -0.23 0.00	22.36 -0.23 0.00	22.29 -0.23 0.00	22.42 -0.25 0.00	24.20 -0.27 0.00	26.97 -0.27 0.00	30.78 -0.31 0.00	27.57 -0.31 0.00	24.92 -0.33 0.00	23.59 -0.33 0.00	23.14 -0.38 0.00	20.92 -0.41 0.00	19.30 -0.39 0.00
VALLEY44_115KV_TB2 355964	23.16 -0.21 0.00	21.12 -0.23 0.00	20.22 -0.22 0.00	19.55 -0.28 0.00	19.47 -0.20 0.00	20.38 -0.14 0.00	22.18 -0.09 0.00	21.63 -0.42 0.00	23.61 -0.51 0.00	23.09 -0.57 0.00	22.86 -0.63 0.00	22.70 -0.51 0.00	22.11 -0.47 0.00	21.97 -0.54 0.00	22.17 -0.50 0.00	23.86 -0.61 0.00	26.51 -0.74 0.00	29.94 -1.15 0.00	27.21 -0.67 0.00	24.51 -0.73 0.00	23.35 -0.57 0.00	22.62 -0.89 0.00	20.49 -0.83 0.00	19.22 -0.47 0.00
VALLEY___115KV_TB 1-4 80826	23.65 0.28 0.00	21.61 0.26 0.00	20.67 0.22 0.00	20.04 0.22 0.00	19.86 0.20 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.25 0.20 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.83 0.16 0.00	24.62 0.15 0.00	27.35 0.11 0.00	31.19 0.09 0.00	27.93 0.06 0.00	25.32 0.08 0.00	23.92 0.00 0.00	23.56 0.05 0.00	21.32 0.00 0.00	19.67 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.61 1.24 0.00	22.46 1.11 0.00	21.49 1.04 0.00	20.84 1.01 0.00	20.67 1.00 0.00	21.59 1.07 0.00	23.45 1.18 0.00	23.27 1.21 0.00	25.49 1.37 0.00	25.00 1.35 0.00	24.79 1.29 0.00	24.41 1.21 0.00	23.72 1.13 0.00	23.62 1.13 0.00	23.80 1.13 0.00	25.77 1.30 0.00	28.80 1.55 0.00	32.93 1.83 0.00	29.55 1.67 0.00	26.74 1.49 0.00	25.34 1.41 0.00	24.86 1.34 0.00	22.47 1.15 0.00	20.71 1.02 0.00

VISCHER___FERRY HYD 24020	23.93 0.56 0.00	21.87 0.51 0.00	20.90 0.45 0.00	20.32 0.50 0.00	20.12 0.45 0.00	21.08 0.55 0.00	22.83 0.56 0.00	22.58 0.53 0.00	24.79 0.67 0.00	24.34 0.69 0.00	24.15 0.66 0.00	23.85 0.65 0.00	23.20 0.61 0.00	23.14 0.63 0.00	23.30 0.63 0.00	25.18 0.71 0.00	28.01 0.76 0.00	32.00 0.90 0.00	28.68 0.81 0.00	26.00 0.76 0.00	24.59 0.67 0.00	24.29 0.77 0.00	21.94 0.62 0.00	20.24 0.55 0.00
V_A_10_SYNC_DSASP 323832	22.23 -1.14 0.00	20.29 -1.07 0.00	19.79 -0.66 0.00	18.83 -0.99 0.00	18.82 -0.85 0.00	19.58 -0.94 0.00	21.29 -0.98 0.00	20.82 -1.23 0.00	22.72 -1.40 0.00	22.21 -1.44 0.00	21.97 -1.53 0.00	21.79 -1.42 0.00	21.23 -1.35 0.00	21.14 -1.37 0.00	21.33 -1.34 0.00	22.95 -1.52 0.00	25.53 -1.72 0.00	28.98 -2.12 0.00	26.09 -1.78 0.00	23.45 -1.79 0.00	22.39 -1.53 0.00	21.68 -1.83 0.00	19.98 -1.34 0.00	18.55 -1.14 0.00
V_CMM_10_SYNC_DSASP 323787	23.53 0.16 0.00	21.50 0.15 0.00	20.57 0.12 0.00	19.94 0.12 0.00	19.79 0.12 0.00	20.63 0.10 0.00	22.36 0.09 0.00	22.16 0.11 0.00	24.22 0.10 0.00	23.77 0.12 0.00	23.64 0.14 0.00	23.32 0.12 0.00	22.70 0.11 0.00	22.63 0.11 0.00	22.76 0.09 0.00	24.57 0.10 0.00	27.38 0.14 0.00	31.22 0.12 0.00	27.99 0.11 0.00	25.32 0.08 0.00	24.00 0.07 0.00	23.56 0.05 0.00	21.34 0.02 0.00	19.73 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	24.33 0.96 0.00	22.23 0.88 0.00	21.29 0.84 0.00	20.62 0.79 0.00	20.46 0.79 0.00	21.32 0.80 0.00	23.14 0.87 0.00	22.94 0.88 0.00	25.06 0.94 0.00	24.57 0.92 0.00	24.44 0.94 0.00	24.11 0.90 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.31 1.06 0.00	32.31 1.21 0.00	28.93 1.06 0.00	26.13 0.88 0.00	24.69 0.77 0.00	24.22 0.70 0.00	21.90 0.58 0.00	20.22 0.53 0.00
V_D_10_SYNC_DSASP 323841	23.70 0.33 0.00	21.65 0.30 0.00	20.71 0.27 0.00	20.08 0.26 0.00	19.92 0.26 0.00	20.77 0.25 0.00	22.51 0.25 0.00	22.32 0.27 0.00	24.41 0.29 0.00	23.94 0.28 0.00	23.80 0.30 0.00	23.49 0.28 0.00	22.86 0.27 0.00	22.78 0.27 0.00	22.92 0.25 0.00	24.74 0.27 0.00	27.57 0.33 0.00	31.47 0.37 0.00	28.18 0.31 0.00	25.50 0.25 0.00	24.16 0.24 0.00	23.70 0.19 0.00	21.47 0.15 0.00	19.85 0.16 0.00
V_E_10_SYNC_DSASP 323830	25.57 2.20 0.00	23.30 1.94 0.00	22.35 1.90 0.00	21.55 1.72 0.00	21.44 1.77 0.00	22.37 1.85 0.00	24.27 2.00 0.00	24.13 2.07 0.00	26.31 2.19 0.00	25.69 2.03 0.00	25.40 1.90 0.00	24.92 1.72 0.00	24.12 1.54 0.00	24.00 1.49 0.00	24.21 1.54 0.00	26.30 1.84 0.00	29.59 2.34 0.00	33.74 2.64 0.00	30.24 2.37 0.00	27.24 1.99 0.00	25.74 1.82 0.00	25.12 1.60 0.00	22.71 1.39 0.00	20.87 1.18 0.00
V_F_30_NSYNC___DSASP 323816	24.28 0.91 0.00	22.16 0.81 0.00	21.21 0.76 0.00	20.60 0.77 0.00	20.42 0.75 0.00	21.37 0.84 0.00	23.14 0.87 0.00	22.89 0.84 0.00	25.13 1.01 0.00	24.65 0.99 0.00	24.46 0.96 0.00	24.14 0.93 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.55 0.88 0.00	25.50 1.03 0.00	28.42 1.17 0.00	32.49 1.40 0.00	29.13 1.26 0.00	26.38 1.14 0.00	25.00 1.08 0.00	24.65 1.13 0.00	22.26 0.94 0.00	20.52 0.83 0.00
V_F_30_SYNC_DSASP 323786	23.72 0.35 0.00	21.70 0.34 0.00	20.82 0.37 0.00	20.20 0.38 0.00	20.06 0.39 0.00	20.93 0.41 0.00	22.69 0.42 0.00	22.47 0.42 0.00	24.51 0.39 0.00	24.06 0.40 0.00	23.87 0.38 0.00	23.58 0.37 0.00	22.95 0.36 0.00	22.89 0.38 0.00	23.05 0.39 0.00	24.86 0.39 0.00	27.60 0.35 0.00	31.59 0.50 0.00	28.27 0.39 0.00	25.68 0.43 0.00	24.33 0.41 0.00	24.03 0.52 0.00	21.79 0.47 0.00	20.10 0.41 0.00
V_XM_10_SYNC_DSASP 323789	24.33 0.96 0.00	22.23 0.88 0.00	21.29 0.84 0.00	20.62 0.79 0.00	20.46 0.79 0.00	21.32 0.80 0.00	23.14 0.87 0.00	22.94 0.88 0.00	25.06 0.94 0.00	24.57 0.92 0.00	24.44 0.94 0.00	24.11 0.90 0.00	23.47 0.88 0.00	23.39 0.88 0.00	23.53 0.86 0.00	25.40 0.93 0.00	28.31 1.06 0.00	32.31 1.21 0.00	28.93 1.06 0.00	26.13 0.88 0.00	24.69 0.77 0.00	24.22 0.70 0.00	21.90 0.58 0.00	20.22 0.53 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.02 0.65 0.00	21.97 0.62 0.00	21.06 0.61 0.00	20.42 0.59 0.00	20.22 0.55 0.00	21.06 0.53 0.00	22.91 0.65 0.00	22.76 0.71 0.00	24.96 0.84 0.00	24.53 0.88 0.00	24.39 0.89 0.00	24.09 0.88 0.00	23.49 0.90 0.00	23.41 0.90 0.00	23.55 0.88 0.00	25.45 0.98 0.00	28.34 1.09 0.00	32.49 1.40 0.00	29.10 1.23 0.00	26.48 1.24 0.00	25.07 1.15 0.00	24.69 1.18 0.00	22.35 1.02 0.00	20.58 0.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.12 0.75 0.00	22.08 0.73 0.00	21.19 0.74 0.00	20.52 0.69 0.00	20.32 0.65 0.00	21.14 0.62 0.00	23.03 0.76 0.00	22.91 0.86 0.00	25.08 0.96 0.00	24.67 1.02 0.00	24.55 1.06 0.00	24.27 1.07 0.00	23.65 1.06 0.00	23.57 1.06 0.00	23.73 1.07 0.00	25.59 1.13 0.00	28.47 1.23 0.00	32.68 1.59 0.00	29.24 1.37 0.00	26.61 1.36 0.00	25.24 1.32 0.00	24.86 1.34 0.00	22.54 1.22 0.00	20.73 1.04 0.00
W50THST__13_KV_LOAD 356117	24.21 0.84 0.00	22.16 0.81 0.00	21.27 0.82 0.00	20.60 0.77 0.00	20.40 0.73 0.00	21.22 0.70 0.00	23.11 0.85 0.00	23.00 0.95 0.00	25.21 1.09 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.37 1.16 0.00	23.74 1.15 0.00	23.66 1.15 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.38 1.51 0.00	26.74 1.49 0.00	25.34 1.41 0.00	24.95 1.43 0.00	22.62 1.30 0.00	20.81 1.12 0.00
WADING RIVER_IC_1 23522	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.56 1.59 -1.92	30.34 2.05 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.38 2.02 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.93 2.29 -6.40	40.53 2.77 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.35 1.80 -7.63	33.40 1.86 -8.02	28.65 1.75 -5.58	25.04 1.59 -3.76
WADING RIVER_IC_2 23547	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.56 1.59 -1.92	30.34 2.05 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.38 2.02 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.93 2.29 -6.40	40.53 2.77 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.35 1.80 -7.63	33.40 1.86 -8.02	28.65 1.75 -5.58	25.04 1.59 -3.76
WADING RIVER_IC_3 23601	34.11 1.80 -8.94	26.50 1.67 -3.48	22.11 1.53 -0.13	21.41 1.59 0.00	21.18 1.51 0.00	22.10 1.58 0.00	24.01 1.74 0.00	25.56 1.59 -1.92	30.34 2.05 -4.17	31.16 2.08 -5.42	30.23 2.09 -4.65	30.38 2.02 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.05 2.02 -8.36	34.61 2.18 -7.96	35.93 2.29 -6.40	40.53 2.77 -6.67	36.34 2.37 -6.09	35.06 2.25 -7.57	33.35 1.80 -7.63	33.40 1.86 -8.02	28.65 1.75 -5.58	25.04 1.59 -3.76



WALDENNY_12_KV_BK2 80841	22.76 -0.61 0.00	20.78 -0.58 0.00	19.86 -0.59 0.00	19.21 -0.61 0.00	19.18 -0.49 0.00	20.03 -0.49 0.00	21.80 -0.47 0.00	21.24 -0.82 0.00	23.18 -0.94 0.00	22.64 -1.02 0.00	22.41 -1.08 0.00	22.25 -0.95 0.00	21.68 -0.90 0.00	21.57 -0.95 0.00	21.76 -0.91 0.00	23.44 -1.03 0.00	26.02 -1.23 0.00	29.20 -1.90 0.00	26.62 -1.25 0.00	23.91 -1.34 0.00	22.82 -1.10 0.00	22.04 -1.48 0.00	20.02 -1.30 0.00	18.78 -0.91 0.00
WALDEN___HYDRO 24148	23.98 0.61 0.00	21.93 0.58 0.00	20.92 0.47 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.04 0.51 0.00	22.87 0.60 0.00	22.71 0.66 0.00	24.91 0.79 0.00	24.48 0.83 0.00	24.34 0.84 0.00	24.02 0.81 0.00	23.40 0.81 0.00	23.32 0.81 0.00	23.48 0.81 0.00	25.40 0.93 0.00	28.28 1.04 0.00	32.31 1.21 0.00	29.02 1.14 0.00	26.36 1.11 0.00	24.98 1.05 0.00	24.58 1.06 0.00	22.20 0.87 0.00	20.46 0.77 0.00
WARRENSBURG___ 23737	24.37 1.00 0.00	22.25 0.90 0.00	21.29 0.84 0.00	20.68 0.85 0.00	20.51 0.85 0.00	21.45 0.92 0.00	23.20 0.94 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.69 1.04 0.00	24.50 1.01 0.00	24.16 0.95 0.00	23.49 0.90 0.00	23.39 0.88 0.00	23.57 0.91 0.00	25.54 1.08 0.00	28.55 1.31 0.00	32.62 1.52 0.00	29.24 1.37 0.00	26.48 1.24 0.00	25.10 1.17 0.00	24.72 1.20 0.00	22.30 0.98 0.00	20.55 0.87 0.00
WATERSIDE___6 8 9 23538	24.29 0.91 -0.01	22.24 0.88 -0.01	21.32 0.86 -0.01	20.67 0.83 -0.01	20.46 0.79 -0.01	21.26 0.74 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.18 1.06 0.00	24.77 1.11 0.00	24.67 1.17 0.00	24.39 1.18 0.00	23.76 1.17 0.00	23.68 1.17 0.00	23.82 1.16 0.00	25.69 1.22 0.00	28.61 1.36 0.00	32.80 1.71 0.00	29.41 1.53 0.00	26.74 1.49 0.00	25.36 1.44 0.00	24.97 1.46 0.00	22.67 1.34 -0.01	20.88 1.18 -0.01
WATKINRD_115KV_LN8_ILLION 55919	23.60 0.23 0.00	21.55 0.19 0.00	20.63 0.18 0.00	20.00 0.18 0.00	19.83 0.16 0.00	20.71 0.18 0.00	22.45 0.18 0.00	22.25 0.20 0.00	24.34 0.22 0.00	23.87 0.21 0.00	23.71 0.21 0.00	23.41 0.21 0.00	22.79 0.20 0.00	22.71 0.20 0.00	22.85 0.18 0.00	24.66 0.20 0.00	27.44 0.19 0.00	31.28 0.19 0.00	28.04 0.17 0.00	25.40 0.15 0.00	24.02 0.10 0.00	23.63 0.12 0.00	21.41 0.09 0.00	19.77 0.08 0.00
WATSON___69_KV_BK 1 55734	34.13 1.82 -8.94	26.52 1.69 -3.48	22.24 1.66 -0.13	21.41 1.59 0.00	21.20 1.53 0.00	22.04 1.52 0.00	24.03 1.76 0.00	25.76 1.79 -1.92	30.37 2.07 -4.17	31.16 2.08 -5.42	30.24 2.09 -4.65	30.45 2.09 -5.15	30.18 2.06 -5.54	31.06 2.05 -6.50	33.09 2.06 -8.36	34.66 2.23 -7.96	36.10 2.45 -6.40	40.72 2.95 -6.67	36.56 2.59 -6.09	35.24 2.42 -7.57	33.81 2.25 -7.63	33.77 2.23 -8.02	28.95 2.05 -5.58	25.28 1.83 -3.76
WDELAWARE___HYD 323627	24.42 1.05 0.00	22.32 0.96 0.00	21.31 0.86 0.00	20.72 0.89 0.00	20.49 0.83 0.00	21.37 0.84 0.00	23.20 0.94 0.00	23.07 1.02 0.00	25.30 1.18 0.00	24.84 1.18 0.00	24.69 1.20 0.00	24.37 1.16 0.00	23.74 1.15 0.00	23.66 1.15 0.00	23.82 1.16 0.00	25.81 1.34 0.00	28.80 1.55 0.00	32.90 1.80 0.00	29.52 1.64 0.00	26.76 1.51 0.00	25.36 1.44 0.00	24.95 1.43 0.00	22.52 1.19 0.00	20.75 1.06 0.00
WEST BABYLON___IC 23714	33.99 1.68 -8.94	26.41 1.58 -3.48	22.11 1.53 -0.13	21.29 1.47 0.00	21.06 1.40 0.00	21.92 1.40 0.00	23.89 1.63 0.00	25.65 1.68 -1.92	30.22 1.93 -4.17	31.02 1.94 -5.42	30.12 1.97 -4.65	30.31 1.95 -5.15	30.05 1.92 -5.54	30.93 1.91 -6.50	32.96 1.93 -8.36	34.51 2.08 -7.96	35.96 2.32 -6.40	40.56 2.80 -6.67	36.42 2.45 -6.09	35.14 2.32 -7.57	33.71 2.15 -7.63	33.70 2.16 -8.02	28.86 1.96 -5.58	25.20 1.75 -3.76
WEST CANADA___HYD 24049	23.44 0.07 0.00	21.42 0.06 0.00	20.49 0.04 0.00	19.88 0.06 0.00	19.71 0.04 0.00	20.59 0.06 0.00	22.34 0.07 0.00	22.12 0.07 0.00	24.19 0.07 0.00	23.72 0.07 0.00	23.57 0.07 0.00	23.28 0.07 0.00	22.65 0.07 0.00	22.58 0.07 0.00	22.73 0.07 0.00	24.54 0.07 0.00	27.33 0.08 0.00	31.16 0.06 0.00	27.93 0.06 0.00	25.30 0.05 0.00	23.97 0.05 0.00	23.56 0.05 0.00	21.37 0.04 0.00	19.73 0.04 0.00
WESTERN_NY_WIND 24143	22.86 -0.51 0.00	20.82 -0.53 0.00	19.88 -0.57 0.00	19.25 -0.57 0.00	19.22 -0.45 0.00	20.05 -0.47 0.00	21.82 -0.45 0.00	21.35 -0.71 0.00	23.32 -0.80 0.00	22.78 -0.88 0.00	22.53 -0.96 0.00	22.35 -0.86 0.00	21.75 -0.84 0.00	21.66 -0.86 0.00	21.83 -0.84 0.00	23.54 -0.93 0.00	26.24 -1.01 0.00	29.45 -1.65 0.00	26.82 -1.06 0.00	24.09 -1.16 0.00	22.99 -0.93 0.00	22.22 -1.29 0.00	20.17 -1.15 0.00	18.86 -0.83 0.00
WESTOVER___LESR 323668	23.42 0.05 0.00	21.40 0.04 0.00	20.47 0.02 0.00	19.83 0.00 0.00	19.71 0.04 0.00	20.59 0.06 0.00	22.36 0.09 0.00	22.05 0.00 0.00	24.12 0.00 0.00	23.61 -0.05 0.00	23.42 -0.07 0.00	23.16 -0.05 0.00	22.54 -0.05 0.00	22.44 -0.07 0.00	22.62 -0.05 0.00	24.42 -0.05 0.00	27.25 0.00 0.00	31.00 -0.09 0.00	27.90 0.03 0.00	25.22 -0.03 0.00	23.92 0.00 0.00	23.40 -0.12 0.00	21.22 -0.11 0.00	19.65 -0.04 0.00
WETHRSFD_WT_PWR 323626	22.90 -0.47 0.00	20.88 -0.47 0.00	20.31 -0.14 0.00	19.37 -0.46 0.00	19.33 -0.33 0.00	20.11 -0.41 0.00	21.87 -0.40 0.00	21.33 -0.73 0.00	23.28 -0.84 0.00	22.75 -0.90 0.00	22.48 -1.01 0.00	22.35 -0.86 0.00	21.77 -0.81 0.00	21.68 -0.83 0.00	21.90 -0.77 0.00	23.56 -0.90 0.00	26.18 -1.06 0.00	29.73 -1.37 0.00	26.71 -1.17 0.00	23.99 -1.26 0.00	22.82 -1.10 0.00	22.04 -1.48 0.00	20.21 -1.11 0.00	18.78 -0.91 0.00
WHAVSTOR_138KV_BK127 55557	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.38 1.14 0.00	25.00 1.08 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.52 0.83 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.93 0.56 0.00	21.91 0.56 0.00	21.00 0.55 0.00	20.36 0.54 0.00	20.16 0.49 0.00	21.00 0.47 0.00	22.85 0.58 0.00	22.69 0.64 0.00	24.87 0.75 0.00	24.46 0.80 0.00	24.32 0.82 0.00	24.02 0.81 0.00	23.42 0.84 0.00	23.32 0.81 0.00	23.48 0.82 0.00	25.35 0.88 0.00	28.23 0.98 0.00	32.37 1.27 0.00	28.99 1.12 0.00	26.38 1.14 0.00	25.00 1.08 0.00	24.60 1.08 0.00	22.28 0.96 0.00	20.52 0.83 0.00
WHITEHAL_115KV_TB1 80871	24.87 1.50 0.00	22.68 1.32 0.00	21.72 1.27 0.00	21.07 1.25 0.00	20.91 1.24 0.00	21.88 1.35 0.00	23.67 1.40 0.00	23.44 1.39 0.00	25.76 1.64 0.00	25.21 1.56 0.00	25.00 1.50 0.00	24.62 1.42 0.00	23.94 1.36 0.00	23.82 1.31 0.00	24.05 1.38 0.00	26.08 1.61 0.00	29.18 1.93 0.00	33.36 2.27 0.00	29.91 2.03 0.00	27.06 1.82 0.00	25.67 1.75 0.00	25.26 1.74 0.00	22.82 1.49 0.00	20.99 1.30 0.00

WHITEPLN_13_KV_LOAD 356215	24.23 0.86 0.00	22.16 0.81 0.00	21.27 0.82 0.00	20.62 0.79 0.00	20.42 0.75 0.00	21.24 0.72 0.00	23.11 0.85 0.00	22.98 0.93 0.00	25.21 1.09 0.00	24.77 1.11 0.00	24.65 1.15 0.00	24.37 1.16 0.00	23.74 1.15 0.00	23.66 1.15 0.00	23.82 1.16 0.00	25.72 1.25 0.00	28.64 1.39 0.00	32.83 1.74 0.00	29.41 1.53 0.00	26.74 1.49 0.00	25.34 1.41 0.00	24.93 1.41 0.00	22.56 1.24 0.00	20.77 1.08 0.00
WM_FLOYD_69_KV_BK2 356380	34.08 1.78 -8.94	26.48 1.64 -3.48	22.20 1.62 -0.13	21.39 1.57 0.00	21.16 1.49 0.00	22.00 1.48 0.00	23.96 1.69 0.00	25.63 1.65 -1.92	30.32 2.03 -4.17	31.11 2.03 -5.42	30.19 2.04 -4.65	30.35 2.00 -5.15	30.12 1.99 -5.54	30.99 1.98 -6.50	33.03 1.99 -8.36	34.58 2.15 -7.96	35.99 2.34 -6.40	40.59 2.83 -6.67	36.37 2.40 -6.09	35.09 2.27 -7.57	33.49 1.94 -7.63	33.51 1.98 -8.02	28.78 1.88 -5.58	25.12 1.67 -3.76
WOODARD__115KV_TB2 355635	23.00 -0.37 0.00	20.99 -0.36 0.00	20.10 -0.35 0.00	19.47 -0.36 0.00	19.33 -0.33 0.00	20.20 -0.33 0.00	21.93 -0.33 0.00	21.70 -0.35 0.00	23.69 -0.43 0.00	23.20 -0.45 0.00	23.02 -0.47 0.00	22.77 -0.44 0.00	22.13 -0.45 0.00	22.06 -0.45 0.00	22.24 -0.43 0.00	24.00 -0.46 0.00	26.76 -0.49 0.00	30.47 -0.62 0.00	27.37 -0.50 0.00	24.77 -0.48 0.00	23.49 -0.43 0.00	23.02 -0.49 0.00	20.90 -0.43 0.00	19.33 -0.35 0.00
YORK___WARBASSE 23770	24.43 1.05 -0.01	22.34 0.98 -0.01	21.44 0.98 -0.01	20.78 0.95 -0.01	20.58 0.90 -0.01	21.35 0.82 0.00	23.20 0.94 0.00	23.09 1.04 0.00	25.30 1.18 0.00	24.88 1.23 0.00	24.81 1.32 0.00	24.53 1.32 0.00	23.92 1.33 0.00	23.82 1.31 0.00	23.96 1.29 0.00	25.84 1.37 0.00	28.80 1.55 0.00	33.05 1.96 0.00	29.60 1.73 0.00	26.96 1.69 -0.02	25.55 1.63 0.00	25.14 1.62 0.00	22.80 1.47 -0.01	20.98 1.28 -0.01