

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										03/15/2024		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	19.52	19.04	18.02	17.34	18.02	19.48	23.66	27.61	26.54	25.14	24.59	24.79	23.79	22.72	22.29	21.70	24.24	26.32	28.97	30.84	28.34	24.39	22.73	21.07				
		0.35	0.32	0.27	0.26	0.20	0.25	0.75	1.01	1.07	0.97	0.95	1.02	0.94	0.87	0.88	0.91	1.13	1.18	1.40	1.36	1.14	0.85	0.90	0.77				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.65	19.10	18.05	17.37	18.05	19.69	23.68	27.61	26.57	25.14	24.59	24.79	23.90	22.72	22.29	21.68	24.24	26.32	28.94	30.84	28.34	24.39	22.75	21.11				
		0.48	0.37	0.30	0.29	0.23	0.46	0.78	1.01	1.10	0.97	0.95	1.02	1.05	0.87	0.88	0.89	1.13	1.18	1.38	1.36	1.14	0.85	0.92	0.81				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.65	19.10	18.05	17.37	18.05	19.69	23.68	27.61	26.57	25.14	24.59	24.79	23.90	22.72	22.29	21.68	24.24	26.32	28.94	30.84	28.34	24.39	22.75	21.11				
		0.48	0.37	0.30	0.29	0.23	0.46	0.78	1.01	1.10	0.97	0.95	1.02	1.05	0.87	0.88	0.89	1.13	1.18	1.38	1.36	1.14	0.85	0.92	0.81				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.81	19.36	18.30	17.61	18.36	19.81	23.82	27.80	26.74	25.33	24.78	24.81	23.92	22.77	22.24	21.56	24.05	26.17	28.78	30.72	28.40	24.56	22.73	21.05				
		0.63	0.64	0.55	0.53	0.53	0.58	0.92	1.20	1.27	1.16	1.13	1.05	1.07	0.92	0.83	0.77	0.95	1.03	1.21	1.24	1.20	1.01	0.90	0.75				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.86	19.40	18.35	17.65	18.43	19.83	23.94	27.93	26.87	25.48	24.89	24.93	23.99	22.88	22.33	21.64	24.15	26.28	28.89	30.87	28.56	24.68	22.86	21.11				
		0.69	0.67	0.60	0.56	0.61	0.60	1.03	1.33	1.40	1.30	1.25	1.16	1.14	1.03	0.92	0.85	1.04	1.13	1.32	1.39	1.36	1.13	1.03	0.81				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.81	19.36	18.30	17.61	18.36	19.81	23.82	27.80	26.74	25.33	24.78	24.81	23.92	22.77	22.24	21.56	24.05	26.17	28.78	30.72	28.40	24.56	22.73	21.05				
		0.63	0.64	0.55	0.53	0.53	0.58	0.92	1.20	1.27	1.16	1.13	1.05	1.07	0.92	0.83	0.77	0.95	1.03	1.21	1.24	1.20	1.01	0.90	0.75				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.50	19.00	18.07	17.41	18.11	19.50	23.43	27.18	26.18	24.82	24.19	24.29	23.31	22.33	21.88	21.22	23.64	25.80	28.20	29.99	27.64	23.99	22.16	20.54				
		0.33	0.28	0.32	0.32	0.28	0.27	0.53	0.58	0.71	0.65	0.54	0.52	0.46	0.48	0.47	0.44	0.53	0.65	0.63	0.50	0.43	0.45	0.33	0.24				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	19.58	19.12	18.11	17.43	18.16	19.63	23.43	27.24	26.21	24.85	24.26	24.36	23.47	22.39	21.92	21.26	23.71	25.75	28.22	30.10	27.75	24.04	22.27	20.69				
		0.40	0.39	0.36	0.34	0.34	0.40	0.53	0.64	0.74	0.68	0.61	0.59	0.62	0.55	0.51	0.48	0.60	0.60	0.66	0.62	0.54	0.49	0.44	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.19	18.76	17.77	17.10	17.86	19.29	22.95	26.65	25.52	24.24	23.76	23.86	22.92	21.94	21.49	20.85	23.20	25.17	27.62	29.63	27.28	23.64	21.88	20.36				
		0.02	0.04	0.02	0.02	0.04	0.06	0.05	0.05	0.05	0.07	0.12	0.10	0.07	0.09	0.09	0.06	0.09	0.03	0.06	0.15	0.08	0.09	0.04	0.06				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.73	19.27	18.27	17.58	18.32	19.73	23.64	27.45	26.34	24.97	24.35	24.46	23.51	22.46	21.99	21.35	23.78	25.90	28.42	30.34	28.02	24.28	22.49	20.87				
		0.56	0.54	0.52	0.50	0.50	0.50	0.73	0.85	0.87	0.80	0.71	0.69	0.66	0.61	0.58	0.56	0.67	0.75	0.86	0.86	0.82	0.73	0.65	0.57				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_2_SOLAR	323834	19.73	19.27	18.27	17.58	18.32	19.73	23.62	27.45	26.31	24.94	24.35	24.43	23.49	22.46	21.99	21.33	23.78	25.90	28.42	30.34	28.02	24.25	22.49	20.87				
		0.56	0.54	0.52	0.50	0.50	0.50	0.71	0.85	0.84	0.77	0.71	0.66	0.64	0.61	0.58	0.54	0.67	0.75	0.86	0.86	0.82	0.71	0.65	0.57				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___1	23571	19.58	19.12	18.11	17.43	18.16	19.63	23.43	27.24	26.21	24.85	24.26	24.36	23.47	22.39	21.92	21.26	23.71	25.75	28.22	30.10	27.75	24.04	22.27	20.69				
		0.40	0.39	0.36	0.34	0.34	0.40	0.53	0.64	0.74	0.68	0.61	0.59	0.62	0.55	0.51	0.48	0.60	0.60	0.66	0.62	0.54	0.49	0.44	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.47 0.62 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.71 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
ALBANY___3 23573	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.47 0.62 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.71 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
ALBANY___4 23574	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.47 0.62 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.71 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
ALBANY___LFGE 323615	19.67 0.50 0.00	19.19 0.47 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.25 0.43 0.00	19.67 0.44 0.00	23.57 0.66 0.00	27.42 0.83 0.00	26.36 0.89 0.00	25.02 0.85 0.00	24.45 0.80 0.00	24.53 0.76 0.00	23.58 0.73 0.00	22.55 0.70 0.00	22.07 0.66 0.00	21.41 0.62 0.00	23.84 0.74 0.00	25.92 0.78 0.00	28.39 0.83 0.00	30.28 0.80 0.00	27.94 0.73 0.00	24.18 0.64 0.00	22.40 0.57 0.00	20.79 0.49 0.00
ALCOA_PA_115KV_PL-6C 55860	19.23 0.06 0.00	18.80 0.07 0.00	17.82 0.07 0.00	17.14 0.05 0.00	17.89 0.07 0.00	19.33 0.10 0.00	23.00 0.09 0.00	26.73 0.13 0.00	25.60 0.13 0.00	24.29 0.12 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.96 0.11 0.00	21.98 0.13 0.00	21.54 0.13 0.00	20.89 0.10 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.72 0.24 0.00	27.37 0.16 0.00	23.71 0.16 0.00	21.95 0.11 0.00	20.42 0.12 0.00
ALCOA_RYNLDS___DRP 24188	19.23 0.06 0.00	18.80 0.07 0.00	17.82 0.07 0.00	17.14 0.05 0.00	17.89 0.07 0.00	19.33 0.10 0.00	23.00 0.09 0.00	26.73 0.13 0.00	25.60 0.13 0.00	24.29 0.12 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.96 0.11 0.00	21.98 0.13 0.00	21.54 0.13 0.00	20.89 0.10 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.72 0.24 0.00	27.37 0.16 0.00	23.71 0.16 0.00	21.95 0.11 0.00	20.42 0.12 0.00
ALCOA___DSASP 323711	19.23 0.06 0.00	18.80 0.08 0.00	17.82 0.07 0.00	17.14 0.05 0.00	17.89 0.07 0.00	19.33 0.10 0.00	23.00 0.09 0.00	26.73 0.13 0.00	25.57 0.10 0.00	24.29 0.12 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.97 0.11 0.00	21.98 0.13 0.00	21.54 0.13 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.66 0.18 0.00	27.37 0.16 0.00	23.71 0.17 0.00	21.95 0.11 0.00	20.42 0.12 0.00
ALLEGHENY___COGEN 23514	19.86 0.69 0.00	19.47 0.75 0.00	18.35 0.60 0.00	17.70 0.61 0.00	18.52 0.69 0.00	20.10 0.87 0.00	23.62 0.71 0.00	27.40 0.80 0.00	25.80 0.33 0.00	24.36 0.19 0.00	23.64 0.00 0.00	23.74 -0.02 0.00	22.85 0.00 0.00	21.78 -0.07 0.00	21.39 -0.02 0.00	20.85 0.06 0.00	23.17 0.07 0.00	25.34 0.20 0.00	28.00 0.44 0.00	30.31 0.82 0.00	28.24 1.03 0.00	24.42 0.87 0.00	22.62 0.78 0.00	21.11 0.81 0.00
ALTAMONT_115KV_TB 2 55880	19.44 0.27 0.00	18.99 0.26 0.00	17.98 0.23 0.00	17.31 0.22 0.00	18.04 0.21 0.00	19.50 0.27 0.00	23.29 0.39 0.00	27.05 0.45 0.00	25.98 0.51 0.00	24.63 0.46 0.00	24.04 0.40 0.00	24.17 0.40 0.00	23.26 0.41 0.00	22.22 0.37 0.00	21.77 0.36 0.00	21.14 0.35 0.00	23.52 0.42 0.00	25.62 0.48 0.00	28.09 0.52 0.00	29.99 0.50 0.00	27.64 0.44 0.00	23.92 0.38 0.00	22.19 0.35 0.00	20.60 0.30 0.00
ALTONA_WT_PWR 323606	19.77 0.60 0.00	19.32 0.60 0.00	18.30 0.55 0.00	17.60 0.51 0.00	18.39 0.57 0.00	19.85 0.62 0.00	23.62 0.71 0.00	27.16 0.56 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.47 0.83 0.00	24.48 0.71 0.00	23.28 0.43 0.00	22.31 0.46 0.00	21.81 0.41 0.00	21.14 0.35 0.00	23.59 0.49 0.00	25.57 0.43 0.00	28.14 0.58 0.00	30.13 0.65 0.00	27.85 0.65 0.00	24.11 0.56 0.00	22.27 0.44 0.00	20.77 0.47 0.00
AMERICAN_REF_FUEL 24010	18.14 -1.04 0.00	17.90 -0.82 0.00	16.88 -0.87 0.00	16.25 -0.84 0.00	17.06 -0.77 0.00	18.60 -0.63 0.00	21.07 -1.83 0.00	23.89 -2.71 0.00	22.72 -2.75 0.00	21.63 -2.54 0.00	21.02 -2.63 0.00	21.13 -2.64 0.00	20.66 -2.19 0.00	19.77 -2.08 0.00	19.44 -1.97 0.00	18.87 -1.91 0.00	20.59 -2.52 0.00	22.33 -2.82 0.00	24.50 -3.06 0.00	26.27 -3.21 0.00	24.59 -2.61 0.00	21.29 -2.26 0.00	19.96 -1.88 0.00	18.92 -1.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.10 -0.08 0.00	18.84 0.11 0.00	17.86 0.11 0.00	17.17 0.09 0.00	18.07 0.25 0.00	19.69 0.46 0.00	22.58 -0.32 0.00	25.56 -1.04 0.00	24.22 -1.25 0.00	23.08 -1.09 0.00	22.44 -1.20 0.00	22.53 -1.24 0.00	21.96 -0.89 0.00	21.02 -0.83 0.00	20.66 -0.75 0.00	20.06 -0.73 0.00	21.83 -1.27 0.00	23.78 -1.36 0.00	26.16 -1.40 0.00	28.13 -1.36 0.00	26.25 -0.95 0.00	22.68 -0.87 0.00	21.16 -0.68 0.00	20.12 -0.18 0.00
ARTHUR KILL_GT_1 23520	19.60 0.42 0.00	19.08 0.35 0.00	18.05 0.30 0.00	17.34 0.26 0.00	18.04 0.21 0.00	19.42 0.19 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.29 0.81 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.58 0.81 0.00	23.60 0.75 0.00	22.57 0.72 0.00	22.11 0.71 0.00	21.58 0.79 0.00	24.21 1.11 0.00	26.25 1.11 0.00	28.89 1.32 0.00	30.51 1.03 0.01	28.29 1.09 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.21 0.91 0.00
ARTHUR_KILL_2 23512	19.54 0.36 0.00	19.04 0.32 0.00	18.00 0.25 0.00	17.29 0.21 0.00	17.98 0.16 0.00	19.37 0.14 0.00	23.45 0.55 0.00	27.34 0.74 0.00	26.23 0.76 0.00	24.82 0.65 0.00	24.30 0.66 0.00	24.51 0.74 0.00	23.56 0.71 0.00	22.50 0.65 0.00	22.05 0.64 0.00	21.51 0.73 0.00	24.15 1.04 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.42 0.94 0.01	28.21 1.01 0.00	24.28 0.73 0.00	22.73 0.90 0.00	21.15 0.85 0.00
ARTHUR_KILL_3 23513	19.33 0.15 0.00	18.86 0.13 0.00	17.86 0.11 0.00	17.19 0.10 0.00	17.84 0.02 0.00	19.27 0.04 0.00	23.43 0.53 0.00	27.32 0.72 0.00	26.23 0.76 0.00	24.87 0.70 0.00	24.33 0.69 0.00	24.51 0.74 0.00	23.54 0.68 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.47 0.68 0.00	23.98 0.88 0.00	26.02 0.88 0.00	28.64 1.07 0.00	30.52 1.03 0.00	28.02 0.82 0.00	24.16 0.61 0.00	22.54 0.70 0.00	20.89 0.59 0.00

ARTHUR_KILL_COGEN 323718	19.60 0.42 0.00	19.08 0.35 0.00	18.05 0.30 0.00	17.34 0.26 0.00	18.04 0.21 0.00	19.42 0.19 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.29 0.81 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.58 0.81 0.00	23.60 0.75 0.00	22.57 0.72 0.00	22.11 0.71 0.00	21.58 0.79 0.00	24.21 1.11 0.00	26.25 1.11 0.00	28.89 1.32 0.00	30.51 1.03 0.01	28.29 1.09 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.21 0.91 0.00
ASHOKAN____ 23654	19.85 0.67 0.00	19.36 0.64 0.00	18.32 0.57 0.00	17.63 0.55 0.00	18.39 0.57 0.00	19.86 0.63 0.00	23.87 0.96 0.00	27.74 1.14 0.00	26.49 1.02 0.00	25.02 0.85 0.00	24.30 0.66 0.00	24.43 0.66 0.00	23.42 0.57 0.00	22.42 0.57 0.00	21.92 0.51 0.00	21.24 0.46 0.00	23.82 0.72 0.00	26.00 0.86 0.00	28.72 1.16 0.00	30.67 1.18 0.00	28.34 1.14 0.00	24.49 0.94 0.00	22.65 0.81 0.00	21.01 0.71 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.60 0.42 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.39 0.48 0.00	27.26 0.67 0.01	26.20 0.74 0.01	24.82 0.65 0.01	24.29 0.66 0.01	24.47 0.71 0.01	23.51 0.66 0.01	22.47 0.63 0.01	22.02 0.62 0.01	21.44 0.66 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	27.98 0.79 0.01	24.08 0.54 0.01	22.62 0.78 0.00	21.11 0.81 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.60 0.42 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.39 0.48 0.00	27.26 0.67 0.01	26.20 0.74 0.01	24.82 0.65 0.01	24.29 0.66 0.01	24.47 0.71 0.01	23.51 0.66 0.01	22.47 0.63 0.01	22.02 0.62 0.01	21.44 0.66 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	27.98 0.79 0.01	24.08 0.54 0.01	22.62 0.78 0.00	21.11 0.81 0.00
ASTORIA_GT2_1 24094	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT2_2 24095	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT2_3 24096	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT2_4 24097	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT3_1 24098	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT3_2 24099	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT3_3 24100	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT3_4 24101	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT4_1 24102	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT4_2 24103	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT4_3 24104	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00

ASTORIA_GT4_4 24105	19.71 0.54 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.41 0.50 0.00	27.26 0.66 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.09 0.54 0.00	22.62 0.79 0.00	21.13 0.83 0.00
ASTORIA_GT_1 23523	19.64 0.46 -0.01	19.15 0.43 0.00	18.11 0.35 0.00	17.39 0.31 0.00	18.09 0.27 0.00	19.46 0.23 0.00	23.43 0.53 0.00	27.31 0.72 0.01	26.25 0.79 0.01	24.87 0.70 0.01	24.34 0.71 0.01	24.54 0.78 0.01	23.57 0.73 0.01	22.52 0.68 0.01	22.07 0.66 0.01	21.49 0.71 0.01	24.04 0.95 0.01	26.07 0.93 0.01	28.66 1.10 0.01	30.51 1.03 0.01	28.06 0.87 0.01	24.13 0.59 0.01	22.67 0.83 0.00	21.15 0.85 0.00
ASTORIA_GT_10 24110	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA_GT_11 24225	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA_GT_12 24226	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA_GT_13 24227	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA_GT_5 24106	19.73 0.56 0.00	19.17 0.45 0.00	18.11 0.36 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.71 0.48 0.00	23.43 0.53 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.53 0.68 0.00	22.07 0.66 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.13 0.59 0.00	22.67 0.83 0.00	21.15 0.85 0.00
ASTORIA_GT_7 24107	19.73 0.56 0.00	19.17 0.45 0.00	18.11 0.36 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.71 0.48 0.00	23.43 0.53 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.53 0.68 0.00	22.07 0.66 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.13 0.59 0.00	22.67 0.83 0.00	21.15 0.85 0.00
ASTORIA_GT_8 24108	19.73 0.56 0.00	19.17 0.45 0.00	18.11 0.36 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.71 0.48 0.00	23.43 0.53 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.53 0.68 0.00	22.07 0.66 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.13 0.59 0.00	22.67 0.83 0.00	21.15 0.85 0.00
ASTORIA___2 24149	19.62 0.44 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.41 0.50 0.00	27.26 0.67 0.01	26.20 0.74 0.01	24.84 0.68 0.01	24.29 0.66 0.01	24.50 0.74 0.01	23.53 0.68 0.01	22.47 0.63 0.01	22.04 0.64 0.01	21.46 0.68 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	28.01 0.82 0.01	24.08 0.54 0.01	22.62 0.78 0.00	21.11 0.81 0.00
ASTORIA___3 23516	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.50 0.59 0.00	27.42 0.83 0.00	26.34 0.87 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.75 1.18 0.00	30.60 1.12 0.00	28.15 0.95 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA___4 23517	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
ASTORIA___5 23518	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.50 0.59 0.00	27.42 0.83 0.00	26.34 0.87 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.75 1.18 0.00	30.60 1.12 0.00	28.15 0.95 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
AST_ENERGY_2_CC3 323677	19.42 0.25 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.93 0.11 0.00	19.35 0.12 0.00	23.50 0.59 0.00	27.40 0.80 0.00	26.34 0.87 0.00	24.94 0.77 0.00	24.40 0.76 0.00	24.58 0.81 0.00	23.60 0.75 0.00	22.55 0.70 0.00	22.11 0.71 0.00	21.53 0.75 0.00	24.05 0.95 0.00	26.10 0.96 0.00	28.72 1.16 0.00	30.60 1.12 0.00	28.13 0.93 0.00	24.23 0.68 0.00	22.67 0.83 0.00	21.03 0.73 0.00
AST_ENERGY_2_CC4 323678	19.42 0.25 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.93 0.11 0.00	19.35 0.12 0.00	23.50 0.59 0.00	27.40 0.80 0.00	26.34 0.87 0.00	24.94 0.77 0.00	24.40 0.76 0.00	24.58 0.81 0.00	23.60 0.75 0.00	22.55 0.70 0.00	22.11 0.71 0.00	21.53 0.75 0.00	24.05 0.95 0.00	26.10 0.96 0.00	28.72 1.16 0.00	30.60 1.12 0.00	28.13 0.93 0.00	24.23 0.68 0.00	22.67 0.83 0.00	21.03 0.73 0.00

ATHENS_STG_1 23668	19.35 0.17 0.00	18.87 0.15 0.00	17.91 0.16 0.00	17.22 0.14 0.00	17.95 0.13 0.00	19.35 0.12 0.00	23.25 0.34 0.00	27.02 0.42 0.00	25.93 0.46 0.00	24.58 0.41 0.00	24.02 0.38 0.00	24.17 0.40 0.00	23.22 0.36 0.00	22.20 0.35 0.00	21.75 0.34 0.00	21.14 0.35 0.00	23.54 0.44 0.00	25.62 0.48 0.00	28.11 0.55 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.90 0.35 0.00	22.16 0.33 0.00	20.58 0.28 0.00
ATHENS_STG_2 23670	19.35 0.17 0.00	18.87 0.15 0.00	17.91 0.16 0.00	17.22 0.14 0.00	17.95 0.13 0.00	19.35 0.12 0.00	23.25 0.34 0.00	27.02 0.42 0.00	25.93 0.46 0.00	24.58 0.41 0.00	24.02 0.38 0.00	24.17 0.40 0.00	23.22 0.36 0.00	22.20 0.35 0.00	21.75 0.34 0.00	21.14 0.35 0.00	23.54 0.44 0.00	25.62 0.48 0.00	28.11 0.55 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.90 0.35 0.00	22.16 0.33 0.00	20.58 0.28 0.00
ATHENS_STG_3 23677	19.35 0.17 0.00	18.87 0.15 0.00	17.91 0.16 0.00	17.22 0.14 0.00	17.95 0.13 0.00	19.35 0.12 0.00	23.25 0.34 0.00	27.02 0.42 0.00	25.93 0.46 0.00	24.58 0.41 0.00	24.02 0.38 0.00	24.17 0.40 0.00	23.22 0.36 0.00	22.20 0.35 0.00	21.75 0.34 0.00	21.14 0.35 0.00	23.54 0.44 0.00	25.62 0.48 0.00	28.11 0.55 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.90 0.35 0.00	22.16 0.33 0.00	20.58 0.28 0.00
AUBURN___LFGE 323710	19.40 0.23 0.00	18.97 0.24 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.11 0.29 0.00	19.42 0.19 0.00	23.18 0.27 0.00	26.94 0.35 0.00	25.67 0.20 0.00	24.39 0.22 0.00	23.90 0.26 0.00	24.05 0.29 0.00	23.01 0.16 0.00	22.07 0.22 0.00	21.62 0.21 0.00	21.20 0.42 0.00	23.52 0.42 0.00	25.19 0.05 0.00	27.62 0.06 0.00	29.57 0.09 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.97 0.13 0.00	20.40 0.10 0.00
BABYLON_RES_REC 323704	19.94 0.77 0.00	19.38 0.65 0.00	18.39 0.64 0.00	17.63 0.55 0.00	18.41 0.59 0.00	19.87 0.63 -0.01	26.97 1.26 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.68 1.38 -2.14	24.93 1.28 -0.01	25.13 1.35 -0.01	23.96 1.10 -0.01	23.06 1.20 -0.01	23.53 1.22 -0.91	23.89 1.25 -1.86	24.49 1.39 0.00	26.65 1.51 0.00	29.05 1.49 0.00	31.13 1.65 0.00	28.51 1.31 0.00	25.33 1.32 -0.46	23.92 1.29 -0.79	22.03 1.16 -0.57
BABYLON__69_KV_BK2 356345	20.19 1.02 0.00	19.60 0.88 0.00	18.58 0.83 0.00	17.82 0.73 0.00	18.61 0.78 0.00	20.31 1.08 0.00	27.21 1.51 -2.80	29.14 1.84 -0.70	28.55 1.81 -1.27	27.94 1.64 -2.13	25.15 1.51 0.00	25.36 1.59 0.00	24.50 1.65 0.00	23.29 1.44 0.00	23.74 1.43 -0.90	24.07 1.43 -1.85	24.72 1.62 0.00	26.88 1.73 0.00	29.30 1.74 0.00	31.40 1.92 0.00	28.83 1.63 0.00	25.58 1.58 -0.46	24.15 1.53 -0.79	22.26 1.40 -0.56
BALL_HILL_WT_PWR 323825	18.95 -0.23 0.00	18.67 -0.06 0.00	17.63 -0.12 0.00	16.97 -0.12 0.00	17.82 0.00 0.00	19.40 0.17 0.00	22.22 -0.69 0.00	25.16 -1.44 0.00	23.84 -1.63 0.00	22.72 -1.45 0.00	22.08 -1.56 0.00	22.20 -1.57 0.00	21.64 -1.21 0.00	20.71 -1.14 0.00	20.36 -1.05 0.00	19.77 -1.02 0.00	21.53 -1.57 0.00	23.46 -1.68 0.00	25.77 -1.79 0.00	27.69 -1.80 0.00	25.84 -1.36 0.00	22.37 -1.18 0.00	20.90 -0.94 0.00	19.83 -0.47 0.00
BARON_WINDS___WT_PWR 323822	19.67 0.50 0.00	19.27 0.54 0.00	18.18 0.43 0.00	17.49 0.41 0.00	18.36 0.53 0.00	19.85 0.62 0.00	23.52 0.62 0.00	27.16 0.56 0.00	25.70 0.23 0.00	24.46 0.29 0.00	23.95 0.31 0.00	24.10 0.33 0.00	23.22 0.36 0.00	22.18 0.33 0.00	21.75 0.34 0.00	21.14 0.35 0.00	23.34 0.23 0.00	25.42 0.28 0.00	27.95 0.39 0.00	30.07 0.59 0.00	27.85 0.65 0.00	24.09 0.54 0.00	22.36 0.52 0.00	20.93 0.63 0.00
BARRETT_IC_1 23704	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_10 23701	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_11 23702	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_12 23703	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_2 23705	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_3 23706	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_4 23707	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57

BARRETT_IC_5 23708	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_6 23709	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_7 23710	19.81 0.63 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.49 0.41 0.00	18.23 0.41 0.00	19.88 0.65 0.00	26.69 0.98 -2.80	28.50 1.20 -0.70	27.99 1.25 -1.27	27.41 1.11 -2.13	24.68 1.04 0.00	24.86 1.09 0.00	24.02 1.17 0.00	22.83 0.98 0.00	23.31 1.01 -0.90	23.67 1.04 -1.85	24.26 1.16 0.00	26.32 1.18 0.00	28.78 1.21 0.00	30.75 1.27 0.00	28.29 1.09 0.00	25.02 1.01 -0.46	23.67 1.05 -0.79	21.82 0.95 -0.56
BARRETT_IC_8 23711	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT_IC_9 23700	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT___1 23545	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BARRETT___2 23546	19.73 0.56 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.68 0.44 -0.01	26.69 0.98 -2.80	28.51 1.20 -0.71	27.97 1.22 -1.28	27.42 1.11 -2.14	24.69 1.04 -0.01	24.87 1.09 -0.01	23.77 0.91 -0.01	22.84 0.98 -0.01	23.32 1.01 -0.91	23.68 1.04 -1.86	24.26 1.15 0.00	26.32 1.18 0.00	28.77 1.21 0.00	30.75 1.27 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.81 0.93 -0.57
BATAVIA__115KV_TB1 55881	18.60 -0.58 0.00	18.37 -0.36 0.00	17.50 -0.25 0.00	16.79 -0.29 0.00	17.66 -0.16 0.00	18.65 -0.58 0.00	22.06 -0.85 0.00	25.27 -1.33 0.00	23.97 -1.50 0.00	22.94 -1.23 0.00	22.27 -1.37 0.00	22.27 -1.50 0.00	21.16 -1.69 0.00	20.71 -1.14 0.00	20.32 -1.09 0.00	19.75 -1.04 0.00	21.56 -1.55 0.00	23.48 -1.66 0.00	25.74 -1.82 0.00	27.63 -1.86 0.00	25.84 -1.36 0.00	22.42 -1.13 0.00	20.92 -0.92 0.00	19.63 -0.67 0.00
BAYONEEC___CTG1 323682	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG10 323750	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG2 323683	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG3 323684	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG4 323685	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG5 323686	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG6 323687	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00

BAYONEEC___CTG7 323688	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG8 323689	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BAYONEEC___CTG9 323749	19.42 0.25 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.08 0.97 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
BEACON___LESR 323632	19.75 0.57 0.00	19.28 0.56 0.00	18.28 0.53 0.00	17.60 0.51 0.00	18.34 0.52 0.00	19.75 0.52 0.00	23.71 0.80 0.00	27.58 0.98 0.00	26.49 1.02 0.00	25.11 0.94 0.00	24.52 0.88 0.00	24.60 0.83 0.00	23.65 0.80 0.00	22.63 0.79 0.00	22.14 0.73 0.00	21.49 0.71 0.00	23.94 0.83 0.00	26.02 0.88 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.07 0.87 0.00	24.32 0.78 0.00	22.51 0.68 0.00	20.89 0.59 0.00
BEAVER RIVER___HYD 24048	18.95 -0.23 0.00	18.48 -0.24 0.00	17.50 -0.25 0.00	16.86 -0.22 0.00	17.63 -0.20 0.00	19.08 -0.15 0.00	22.68 -0.23 0.00	26.47 -0.13 0.00	25.19 -0.28 0.00	23.81 -0.36 0.00	23.26 -0.38 0.00	23.36 -0.40 0.00	22.42 -0.43 0.00	21.39 -0.46 0.00	20.96 -0.45 0.00	20.39 -0.40 0.00	22.76 -0.35 0.00	24.84 -0.30 0.00	27.23 -0.33 0.00	29.43 -0.06 0.00	27.09 -0.11 0.00	23.48 -0.07 0.00	21.73 -0.11 0.00	20.10 -0.20 0.00
BEEBEE_GT_13 23619	18.66 -0.52 0.00	18.35 -0.37 0.00	17.45 -0.30 0.00	16.76 -0.32 0.00	17.57 -0.25 0.00	18.69 -0.54 0.00	22.13 -0.78 0.00	25.59 -1.01 0.00	24.27 -1.20 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.72 -1.05 0.00	21.66 -1.19 0.00	21.02 -0.83 0.00	20.62 -0.79 0.00	20.02 -0.77 0.00	22.02 -1.09 0.00	23.94 -1.21 0.00	26.21 -1.35 0.00	28.13 -1.36 0.00	26.17 -1.03 0.00	22.68 -0.87 0.00	21.12 -0.72 0.00	19.71 -0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.71 0.54 0.00	19.14 0.41 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.71 0.48 0.00	23.64 0.73 0.00	27.61 1.01 0.00	26.54 1.07 0.00	25.11 0.94 0.00	24.59 0.95 0.00	24.79 1.02 0.00	23.92 1.07 0.00	22.74 0.90 0.00	22.29 0.88 0.00	21.70 0.91 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.84 1.36 0.00	28.45 1.25 0.00	24.44 0.89 0.00	22.84 1.00 0.00	21.25 0.95 0.00
BETHLEHEM___GRP 23843	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.47 0.62 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.71 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
BETHLEHEM___GS1 323560	19.56 0.38 0.00	19.08 0.35 0.00	18.11 0.35 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.58 0.35 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.18 0.71 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.40 0.55 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.70 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.50 0.00	22.27 0.44 0.00	20.67 0.37 0.00
BETHLEHEM___GS2 323561	19.56 0.38 0.00	19.08 0.35 0.00	18.11 0.35 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.58 0.35 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.18 0.71 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.40 0.55 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.70 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.50 0.00	22.27 0.44 0.00	20.67 0.37 0.00
BETHLEHEM___GS3 323562	19.56 0.38 0.00	19.08 0.35 0.00	18.11 0.35 0.00	17.43 0.34 0.00	18.16 0.34 0.00	19.58 0.35 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.18 0.71 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.36 0.59 0.00	23.40 0.55 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.26 0.48 0.00	23.70 0.60 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.50 0.00	22.27 0.44 0.00	20.67 0.37 0.00
BETHLEHEM___STEEL 23779	18.62 -0.56 0.00	18.39 -0.34 0.00	17.56 -0.20 0.00	16.81 -0.27 0.00	17.73 -0.09 0.00	18.69 -0.54 0.00	22.06 -0.85 0.00	24.98 -1.62 0.00	23.56 -1.91 0.00	22.60 -1.57 0.00	21.96 -1.68 0.00	22.08 -1.69 0.00	21.02 -1.83 0.00	20.60 -1.25 0.00	20.25 -1.16 0.00	19.68 -1.10 0.00	21.40 -1.71 0.00	23.31 -1.84 0.00	25.61 -1.96 0.00	27.33 -2.15 0.00	25.60 -1.60 0.00	22.23 -1.32 0.00	20.79 -1.05 0.00	19.61 -0.69 0.00
BETHLHEM_115KV_TB1 79974	19.60 0.42 0.00	19.14 0.41 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.65 0.42 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.21 0.74 0.00	24.87 0.70 0.00	24.28 0.64 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.42 0.57 0.00	21.94 0.54 0.00	21.28 0.50 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.20 0.63 0.00	30.07 0.59 0.00	27.75 0.54 0.00	24.02 0.47 0.00	22.25 0.41 0.00	20.66 0.37 0.00
BETHPAGE_CC_5 323564	19.90 0.73 0.00	19.36 0.64 0.00	18.37 0.62 0.00	17.61 0.53 0.00	18.39 0.57 0.00	19.85 0.62 -0.01	26.90 1.19 -2.80	28.77 1.46 -0.71	28.20 1.45 -1.28	27.64 1.33 -2.14	24.88 1.23 -0.01	25.08 1.31 -0.01	23.93 1.07 -0.01	23.04 1.18 -0.01	23.49 1.18 -0.91	23.85 1.21 -1.86	24.44 1.34 0.00	26.58 1.43 0.00	29.02 1.46 0.00	31.08 1.59 0.00	28.48 1.28 0.00	25.26 1.25 -0.46	23.85 1.22 -0.79	21.97 1.10 -0.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.68 -0.50 0.00	18.46 -0.26 0.00	17.63 -0.12 0.00	16.88 -0.21 0.00	17.80 -0.02 0.00	18.77 -0.46 0.00	22.17 -0.73 0.00	25.08 -1.52 0.00	23.66 -1.81 0.00	22.70 -1.47 0.00	22.06 -1.58 0.00	22.17 -1.59 0.00	21.11 -1.74 0.00	20.69 -1.16 0.00	20.34 -1.07 0.00	19.77 -1.02 0.00	21.49 -1.62 0.00	23.41 -1.73 0.00	25.72 -1.85 0.00	27.48 -2.00 0.00	25.73 -1.47 0.00	22.32 -1.22 0.00	20.88 -0.96 0.00	19.69 -0.61 0.00

BINGHAMTON___COGEN 23790	19.37 0.19 0.00	18.95 0.22 0.00	17.98 0.23 0.00	17.29 0.21 0.00	18.09 0.27 0.00	19.40 0.17 0.00	23.16 0.25 0.00	26.81 0.21 0.00	25.50 0.03 0.00	24.24 0.07 0.00	23.69 0.05 0.00	23.84 0.07 0.00	22.87 0.02 0.00	21.94 0.09 0.00	21.52 0.11 0.00	20.89 0.10 0.00	23.15 0.05 0.00	25.17 0.03 0.00	27.62 0.06 0.00	29.60 0.12 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.99 0.15 0.00	20.50 0.20 0.00
BIXINCNT_115KV_LOAD 355685	18.68 -0.50 0.00	18.52 -0.21 0.00	17.68 -0.07 0.00	16.90 -0.19 0.00	17.80 -0.02 0.00	18.92 -0.31 0.00	22.45 -0.46 0.00	25.43 -1.17 0.00	24.04 -1.43 0.00	23.04 -1.14 0.00	22.41 -1.23 0.00	22.58 -1.19 0.00	21.53 -1.33 0.00	21.02 -0.83 0.00	20.66 -0.75 0.00	20.04 -0.75 0.00	21.74 -1.36 0.00	23.79 -1.36 0.00	26.13 -1.43 0.00	27.92 -1.56 0.00	26.09 -1.12 0.00	22.65 -0.89 0.00	21.14 -0.70 0.00	19.93 -0.37 0.00
BLACK RIVER___HYD 24047	18.95 -0.23 0.00	18.48 -0.24 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.63 -0.20 0.00	19.10 -0.13 0.00	22.61 -0.30 0.00	26.44 -0.16 0.00	25.09 -0.38 0.00	23.71 -0.46 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.30 -0.55 0.00	21.24 -0.61 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.64 -0.46 0.00	24.79 -0.35 0.00	27.20 -0.36 0.00	29.48 0.00 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.79 -0.04 0.00	20.14 -0.16 0.00
BLACKRVR_115KV_TB2 79977	18.93 -0.25 0.00	18.46 -0.26 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.63 -0.20 0.00	19.06 -0.17 0.00	22.61 -0.30 0.00	26.44 -0.16 0.00	25.09 -0.38 0.00	23.71 -0.46 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.26 -0.59 0.00	21.24 -0.61 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.64 -0.46 0.00	24.79 -0.35 0.00	27.20 -0.36 0.00	29.48 0.00 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.79 -0.04 0.00	20.14 -0.16 0.00
BLISS_WT_PWR 323608	18.81 -0.36 0.00	18.61 -0.11 0.00	17.61 -0.14 0.00	16.88 -0.20 0.00	17.73 -0.09 0.00	19.46 0.23 0.00	22.38 -0.53 0.00	25.38 -1.22 0.00	24.14 -1.33 0.00	23.04 -1.14 0.00	22.39 -1.25 0.00	22.58 -1.19 0.00	21.98 -0.87 0.00	21.02 -0.83 0.00	20.64 -0.77 0.00	20.04 -0.75 0.00	21.76 -1.34 0.00	23.76 -1.38 0.00	26.13 -1.43 0.00	28.04 -1.44 0.00	26.14 -1.06 0.00	22.63 -0.92 0.00	21.12 -0.72 0.00	20.02 -0.28 0.00
BLUESTONE___WT_PWR 323821	20.32 1.15 0.00	19.83 1.10 0.00	18.74 0.99 0.00	18.04 0.96 0.00	18.89 1.07 0.00	20.48 1.25 0.00	24.37 1.47 0.00	28.49 1.89 0.00	27.05 1.58 0.00	25.62 1.45 0.00	24.99 1.35 0.00	25.15 1.38 0.00	24.20 1.35 0.00	23.01 1.16 0.00	22.56 1.16 0.00	21.97 1.18 0.00	24.35 1.25 0.00	26.52 1.38 0.00	29.10 1.54 0.00	31.49 2.01 0.00	29.00 1.79 0.00	25.10 1.55 0.00	23.34 1.51 0.00	21.68 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	19.62 0.44 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.46 0.38 0.00	18.20 0.37 0.00	19.65 0.42 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.16 0.69 0.00	24.80 0.63 0.00	24.21 0.57 0.00	24.31 0.55 0.00	23.42 0.57 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.22 0.44 0.00	23.66 0.55 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.13 0.65 0.00	27.83 0.63 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.75 0.45 0.00
BOC_GAS_DRP 24189	19.40 0.23 0.00	18.93 0.21 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.98 0.16 0.00	19.46 0.23 0.00	23.23 0.32 0.00	27.00 0.40 0.00	25.90 0.43 0.00	24.56 0.39 0.00	24.00 0.35 0.00	24.12 0.36 0.00	23.22 0.37 0.00	22.18 0.33 0.00	21.71 0.30 0.00	21.10 0.31 0.00	23.47 0.37 0.00	25.57 0.43 0.00	28.03 0.47 0.00	29.90 0.41 0.00	27.56 0.35 0.00	23.85 0.31 0.00	22.12 0.28 0.00	20.56 0.26 0.00
BOONVILLE_115KV_TB1 79983	19.44 0.27 0.00	18.97 0.24 0.00	17.98 0.23 0.00	17.31 0.22 0.00	18.07 0.25 0.00	19.54 0.31 0.00	23.27 0.37 0.00	27.16 0.56 0.00	25.90 0.43 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.08 0.31 0.00	23.15 0.30 0.00	22.09 0.24 0.00	21.64 0.24 0.00	21.04 0.25 0.00	23.38 0.28 0.00	25.49 0.35 0.00	27.92 0.36 0.00	30.07 0.59 0.00	27.69 0.49 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.60 0.30 0.00
BORALEX_4TH_BRANCH 23824	19.52 0.35 0.00	19.06 0.34 0.00	18.07 0.32 0.00	17.41 0.32 0.00	18.11 0.29 0.00	19.58 0.35 0.00	23.43 0.53 0.00	27.18 0.59 0.00	26.21 0.74 0.00	24.82 0.65 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.40 0.55 0.00	22.33 0.48 0.00	21.88 0.47 0.00	21.22 0.44 0.00	23.64 0.53 0.00	25.80 0.65 0.00	28.20 0.63 0.00	29.99 0.50 0.00	27.64 0.44 0.00	23.99 0.45 0.00	22.16 0.33 0.00	20.58 0.28 0.00
BOWLINE___1 23526	19.42 0.25 0.00	18.93 0.21 0.00	17.95 0.20 0.00	17.24 0.15 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.45 0.55 0.00	27.32 0.72 0.00	26.18 0.71 0.00	24.80 0.63 0.00	24.23 0.59 0.00	24.41 0.64 0.00	23.42 0.57 0.00	22.39 0.55 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.84 0.74 0.00	25.95 0.80 0.00	28.50 0.94 0.00	30.43 0.94 0.00	27.96 0.76 0.00	24.14 0.59 0.00	22.43 0.59 0.00	20.81 0.51 0.00
BOWLINE___2 23595	19.42 0.25 0.00	18.93 0.21 0.00	17.95 0.20 0.00	17.24 0.15 0.00	17.95 0.13 0.00	19.37 0.14 0.00	23.45 0.55 0.00	27.32 0.72 0.00	26.18 0.71 0.00	24.80 0.63 0.00	24.23 0.59 0.00	24.41 0.64 0.00	23.42 0.57 0.00	22.39 0.55 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.84 0.74 0.00	25.95 0.80 0.00	28.50 0.94 0.00	30.43 0.94 0.00	27.96 0.76 0.00	24.14 0.59 0.00	22.43 0.59 0.00	20.81 0.51 0.00
BRADY___115KV_TB2 356060	19.23 0.06 0.00	18.78 0.06 0.00	17.80 0.05 0.00	17.12 0.03 0.00	17.89 0.07 0.00	19.35 0.12 0.00	23.02 0.11 0.00	26.79 0.19 0.00	25.60 0.13 0.00	24.29 0.12 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.96 0.11 0.00	21.94 0.09 0.00	21.54 0.13 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.81 0.32 0.00	27.42 0.22 0.00	23.76 0.21 0.00	21.97 0.13 0.00	20.42 0.12 0.00
BRANSCOMB___SOLAR 323811	19.67 0.50 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.51 0.43 0.00	18.27 0.45 0.00	19.65 0.42 0.00	23.64 0.73 0.00	27.53 0.93 0.00	26.44 0.97 0.00	25.07 0.89 0.00	24.49 0.85 0.00	24.55 0.78 0.00	23.60 0.75 0.00	22.55 0.70 0.00	22.05 0.64 0.00	21.41 0.62 0.00	23.84 0.74 0.00	25.97 0.83 0.00	28.50 0.94 0.00	30.43 0.94 0.00	28.10 0.90 0.00	24.30 0.75 0.00	22.51 0.68 0.00	20.85 0.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.09 0.92 0.00	19.51 0.79 0.00	18.50 0.75 0.00	17.75 0.67 0.00	18.52 0.70 0.00	20.21 0.98 0.00	27.10 1.40 -2.80	28.98 1.68 -0.70	28.43 1.68 -1.27	27.82 1.52 -2.13	25.01 1.37 0.00	25.22 1.45 0.00	24.38 1.53 0.00	23.18 1.33 0.00	23.63 1.33 -0.90	23.96 1.33 -1.85	24.58 1.48 0.00	26.73 1.58 0.00	29.08 1.52 0.00	31.17 1.68 0.00	28.64 1.44 0.00	25.42 1.41 -0.46	24.00 1.38 -0.79	22.16 1.30 -0.56

BRISTLHL_115KV_TB1 79998	18.85 -0.33 0.00	18.44 -0.28 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	18.88 -0.35 0.00	22.40 -0.50 0.00	26.01 -0.59 0.00	24.83 -0.64 0.00	23.62 -0.56 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.28 -0.57 0.00	21.37 -0.48 0.00	20.92 -0.49 0.00	20.33 -0.46 0.00	22.67 -0.44 0.00	24.67 -0.48 0.00	27.04 -0.52 0.00	28.92 -0.56 0.00	26.74 -0.46 0.00	23.17 -0.38 0.00	21.49 -0.35 0.00	19.99 -0.30 0.00
BROOKHAVEN___DRP 24191	20.13 0.96 0.00	19.53 0.81 0.00	18.55 0.80 0.00	17.78 0.70 0.00	18.57 0.75 0.00	20.25 1.02 0.00	27.14 1.44 -2.80	29.06 1.76 -0.70	28.45 1.71 -1.27	27.87 1.57 -2.13	25.06 1.42 0.00	25.24 1.47 0.00	24.40 1.55 0.00	23.18 1.33 0.00	23.66 1.35 -0.90	23.98 1.35 -1.85	24.61 1.50 0.00	26.80 1.66 0.00	29.00 1.43 0.00	31.11 1.62 0.00	28.56 1.36 0.00	25.46 1.46 -0.46	24.11 1.48 -0.79	22.22 1.36 -0.56
BROOKLYN_NAVY_YARD 23515	19.41 0.23 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.91 0.09 0.00	19.37 0.14 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.65 0.81 0.00	20.99 0.69 0.00
BROOKLYN___ARMY_DRP 323595	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
BROOKVLE_69_KV_TB1 55790	20.02 0.84 0.00	19.43 0.71 0.00	18.41 0.66 0.00	17.66 0.58 0.00	18.43 0.61 0.00	20.12 0.88 0.00	26.96 1.26 -2.80	28.90 1.60 -0.70	28.35 1.60 -1.27	27.77 1.47 -2.13	25.04 1.39 0.00	25.26 1.50 0.00	24.36 1.51 0.00	23.16 1.31 0.00	23.66 1.35 -0.90	23.98 1.35 -1.85	24.61 1.50 0.00	26.73 1.58 0.00	29.22 1.65 0.00	31.28 1.80 0.00	28.73 1.52 0.00	25.37 1.37 -0.46	23.96 1.33 -0.79	22.04 1.18 -0.56
BROOME_2_LFGE 323671	19.42 0.25 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.29 0.21 0.00	18.09 0.27 0.00	19.54 0.31 0.00	23.16 0.25 0.00	26.81 0.21 0.00	25.52 0.05 0.00	24.24 0.07 0.00	23.69 0.05 0.00	23.84 0.07 0.00	22.94 0.09 0.00	21.94 0.09 0.00	21.52 0.11 0.00	20.89 0.10 0.00	23.15 0.05 0.00	25.17 0.03 0.00	27.62 0.06 0.00	29.63 0.15 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.99 0.15 0.00	20.52 0.22 0.00
BROOME___LFGE 323600	19.42 0.25 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.29 0.21 0.00	18.09 0.27 0.00	19.54 0.31 0.00	23.16 0.25 0.00	26.81 0.21 0.00	25.52 0.05 0.00	24.24 0.07 0.00	23.69 0.05 0.00	23.84 0.07 0.00	22.94 0.09 0.00	21.94 0.09 0.00	21.52 0.11 0.00	20.89 0.10 0.00	23.15 0.05 0.00	25.17 0.03 0.00	27.62 0.06 0.00	29.63 0.15 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.99 0.15 0.00	20.52 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	18.66 -0.52 0.00	18.22 -0.51 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.98 -0.50 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	19.69 0.52 0.00	19.14 0.41 0.00	18.09 0.34 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.73 0.50 0.00	23.73 0.82 0.00	27.69 1.09 0.00	26.64 1.17 0.00	25.21 1.04 0.00	24.66 1.02 0.00	24.84 1.07 0.00	23.97 1.12 0.00	22.79 0.94 0.00	22.35 0.94 0.00	21.74 0.96 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.96 1.47 0.00	28.48 1.28 0.00	24.49 0.94 0.00	22.84 1.00 0.00	21.19 0.89 0.00
BURROWS___LYONSDAL 23803	19.35 0.17 0.00	18.87 0.15 0.00	17.89 0.14 0.00	17.22 0.14 0.00	17.98 0.16 0.00	19.44 0.21 0.00	23.16 0.25 0.00	27.02 0.43 0.00	25.78 0.31 0.00	24.39 0.22 0.00	23.83 0.19 0.00	23.93 0.17 0.00	22.99 0.14 0.00	21.94 0.09 0.00	21.49 0.09 0.00	20.91 0.12 0.00	23.27 0.16 0.00	25.37 0.23 0.00	27.81 0.25 0.00	29.96 0.47 0.00	27.58 0.38 0.00	23.90 0.35 0.00	22.14 0.31 0.00	20.50 0.20 0.00
CAITHNESS_CC_1 323624	20.02 0.84 0.00	19.45 0.73 0.00	18.50 0.75 0.00	17.72 0.63 0.00	18.52 0.69 0.00	19.95 0.71 -0.01	27.08 1.37 -2.80	28.99 1.68 -0.71	28.38 1.63 -1.28	27.81 1.50 -2.14	25.00 1.35 -0.01	25.20 1.43 -0.01	23.86 1.00 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.95 1.31 -1.86	24.54 1.43 0.00	26.75 1.61 0.00	28.94 1.38 0.00	31.05 1.56 0.00	28.43 1.23 0.00	25.40 1.39 -0.46	24.05 1.42 -0.79	22.15 1.28 -0.57
CALPINE BETH_PAGE_GT4 24209	19.98 0.81 0.00	19.40 0.67 0.00	18.37 0.62 0.00	17.63 0.55 0.00	18.39 0.57 0.00	20.08 0.85 0.00	26.85 1.15 -2.80	28.71 1.41 -0.70	28.17 1.43 -1.27	27.58 1.28 -2.13	24.82 1.18 0.00	25.05 1.28 0.00	24.18 1.33 0.00	22.98 1.14 0.00	23.46 1.16 -0.90	23.80 1.16 -1.85	24.42 1.32 0.00	26.53 1.38 0.00	29.00 1.43 0.00	31.02 1.53 0.00	28.51 1.31 0.00	25.20 1.20 -0.46	23.80 1.18 -0.79	21.92 1.06 -0.56
CALPINE_BETH_PAGE_GT_4 323586	19.90 0.73 0.00	19.36 0.64 0.00	18.37 0.62 0.00	17.61 0.53 0.00	18.39 0.57 0.00	19.85 0.62 -0.01	26.85 1.14 -2.80	28.72 1.41 -0.71	28.15 1.40 -1.28	27.59 1.28 -2.14	24.83 1.18 -0.01	25.06 1.28 -0.01	23.91 1.05 -0.01	22.99 1.14 -0.01	23.47 1.16 -0.91	23.80 1.16 -1.86	24.40 1.29 0.00	26.55 1.41 0.00	28.99 1.43 0.00	31.02 1.53 0.00	28.45 1.25 0.00	25.21 1.20 -0.46	23.81 1.18 -0.79	21.93 1.05 -0.57
CALPINE_BP_GT1 23823	19.90 0.73 0.00	19.36 0.64 0.00	18.37 0.62 0.00	17.61 0.53 0.00	18.39 0.57 0.00	19.85 0.62 -0.01	26.85 1.14 -2.80	28.72 1.41 -0.71	28.15 1.40 -1.28	27.59 1.28 -2.14	24.83 1.18 -0.01	25.06 1.28 -0.01	23.91 1.05 -0.01	22.99 1.14 -0.01	23.47 1.16 -0.91	23.80 1.16 -1.86	24.40 1.29 0.00	26.55 1.41 0.00	28.99 1.43 0.00	31.02 1.53 0.00	28.45 1.25 0.00	25.21 1.20 -0.46	23.81 1.18 -0.79	21.93 1.05 -0.57
CALSPAN___DRP 24200	18.62 -0.56 0.00	18.39 -0.34 0.00	17.56 -0.20 0.00	16.81 -0.27 0.00	17.73 -0.09 0.00	18.69 -0.54 0.00	22.06 -0.85 0.00	24.98 -1.62 0.00	23.56 -1.91 0.00	22.60 -1.57 0.00	21.96 -1.68 0.00	22.08 -1.69 0.00	21.02 -1.83 0.00	20.60 -1.25 0.00	20.25 -1.16 0.00	19.68 -1.10 0.00	21.40 -1.71 0.00	23.31 -1.84 0.00	25.61 -1.96 0.00	27.33 -2.15 0.00	25.60 -1.60 0.00	22.23 -1.32 0.00	20.79 -1.05 0.00	19.61 -0.69 0.00

CALVERTON___SOLAR 323806	20.13 0.96 0.00	19.57 0.84 0.00	18.60 0.85 0.00	17.82 0.73 0.00	18.62 0.80 0.00	20.07 0.83 -0.01	27.24 1.53 -2.80	29.17 1.86 -0.71	28.53 1.78 -1.28	27.95 1.64 -2.14	25.14 1.49 -0.01	25.32 1.54 -0.01	23.93 1.07 -0.01	23.26 1.40 -0.01	23.71 1.39 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.90 1.76 0.00	29.05 1.49 0.00	31.19 1.71 0.00	28.56 1.36 0.00	25.56 1.55 -0.46	24.20 1.57 -0.79	22.29 1.42 -0.57
CANDIGU_WT_PWR 323617	19.67 0.50 0.00	19.27 0.54 0.00	18.18 0.43 0.00	17.49 0.41 0.00	18.36 0.53 0.00	19.85 0.62 0.00	23.52 0.62 0.00	27.16 0.56 0.00	25.70 0.23 0.00	24.46 0.29 0.00	23.95 0.31 0.00	24.10 0.33 0.00	23.22 0.36 0.00	22.18 0.33 0.00	21.75 0.34 0.00	21.14 0.35 0.00	23.34 0.23 0.00	25.42 0.28 0.00	27.95 0.39 0.00	30.07 0.59 0.00	27.85 0.65 0.00	24.09 0.54 0.00	22.36 0.52 0.00	20.93 0.63 0.00
CARR STREET_E_SYR 24060	19.12 -0.06 0.00	18.70 -0.02 0.00	17.72 -0.04 0.00	17.05 -0.03 0.00	17.80 -0.02 0.00	19.23 0.00 0.00	22.70 -0.21 0.00	26.33 -0.27 0.00	25.17 -0.30 0.00	23.91 -0.27 0.00	23.41 -0.24 0.00	23.53 -0.24 0.00	22.64 -0.21 0.00	21.63 -0.22 0.00	21.19 -0.21 0.00	20.58 -0.21 0.00	22.92 -0.19 0.00	24.87 -0.28 0.00	27.23 -0.33 0.00	29.16 -0.32 0.00	26.96 -0.25 0.00	23.33 -0.21 0.00	21.66 -0.18 0.00	20.16 -0.14 0.00
CARTHAGE___PAPER 23857	18.92 -0.25 0.00	18.46 -0.26 0.00	17.48 -0.27 0.00	16.84 -0.24 0.00	17.61 -0.21 0.00	19.08 -0.15 0.00	22.65 -0.25 0.00	26.47 -0.13 0.00	25.17 -0.30 0.00	23.74 -0.43 0.00	23.17 -0.47 0.00	23.29 -0.48 0.00	22.33 -0.52 0.00	21.28 -0.57 0.00	20.87 -0.53 0.00	20.31 -0.48 0.00	22.69 -0.42 0.00	24.82 -0.33 0.00	27.20 -0.36 0.00	29.46 -0.03 0.00	27.12 -0.08 0.00	23.50 -0.05 0.00	21.75 -0.09 0.00	20.10 -0.20 0.00
CASSADAGA_WT_PWR 323784	19.25 0.08 0.00	18.99 0.26 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.23 0.41 0.00	19.89 0.65 0.00	22.84 -0.07 0.00	25.88 -0.72 0.00	24.48 -0.99 0.00	23.32 -0.85 0.00	22.67 -0.97 0.00	22.79 -0.98 0.00	22.19 -0.66 0.00	21.21 -0.63 0.00	20.85 -0.56 0.00	20.25 -0.54 0.00	22.02 -1.09 0.00	24.04 -1.11 0.00	26.46 -1.10 0.00	28.42 -1.06 0.00	26.55 -0.65 0.00	22.93 -0.61 0.00	21.38 -0.46 0.00	20.32 0.02 0.00
CE_DUNWOOD___DRP 24194	19.56 0.38 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.42 0.82 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.10 0.96 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
CE_MILLWOOD___DRP 24193	19.54 0.36 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.58 0.35 0.00	23.50 0.60 0.00	27.40 0.80 0.00	26.31 0.84 0.00	24.90 0.73 0.00	24.35 0.71 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.50 0.66 0.00	22.07 0.66 0.00	21.47 0.69 0.00	23.96 0.85 0.00	26.05 0.91 0.00	28.61 1.05 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.21 0.66 0.00	22.51 0.68 0.00	20.89 0.59 0.00
CE_NYC2_DRP 24202	19.60 0.42 0.00	19.06 0.34 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.76 0.91 0.00	22.61 0.76 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.14 1.04 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.63 1.15 0.00	28.21 1.01 0.00	24.25 0.71 0.00	22.69 0.85 0.00	21.13 0.83 0.00
CE_NYC_DRP 24195	19.54 0.36 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.95 0.12 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.44 0.97 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.67 0.83 0.00	21.03 0.73 0.00
CHAFFEE___LFGE 323603	18.91 -0.27 0.00	18.63 -0.09 0.00	17.59 -0.16 0.00	16.91 -0.17 0.00	17.77 -0.05 0.00	19.37 0.14 0.00	22.13 -0.78 0.00	25.06 -1.54 0.00	23.79 -1.68 0.00	22.67 -1.50 0.00	22.03 -1.61 0.00	22.15 -1.62 0.00	21.62 -1.23 0.00	20.67 -1.18 0.00	20.32 -1.09 0.00	19.73 -1.06 0.00	21.49 -1.62 0.00	23.36 -1.78 0.00	25.69 -1.88 0.00	27.57 -1.92 0.00	25.76 -1.44 0.00	22.27 -1.27 0.00	20.81 -1.03 0.00	19.77 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	19.67 0.50 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.50 0.60 0.00	27.10 0.51 0.00	25.88 0.41 0.00	24.58 0.41 0.00	24.35 0.71 0.00	24.36 0.59 0.00	23.17 0.32 0.00	22.20 0.35 0.00	21.64 0.24 0.00	20.99 0.21 0.00	23.41 0.30 0.00	25.39 0.25 0.00	28.03 0.47 0.00	30.10 0.62 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.16 0.33 0.00	20.66 0.37 0.00
CHATEAUG_WT_PWR 323614	19.65 0.48 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.49 0.41 0.00	18.28 0.46 0.00	19.71 0.48 0.00	23.45 0.55 0.00	27.02 0.42 0.00	25.80 0.33 0.00	24.51 0.34 0.00	24.30 0.66 0.00	24.34 0.57 0.00	23.15 0.30 0.00	22.18 0.33 0.00	21.69 0.28 0.00	21.02 0.23 0.00	23.43 0.32 0.00	25.42 0.28 0.00	27.98 0.41 0.00	29.99 0.50 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.14 0.31 0.00	20.62 0.32 0.00
CHAT_HIGH_FALL_HYD 323578	19.67 0.50 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.50 0.60 0.00	27.10 0.51 0.00	25.88 0.41 0.00	24.58 0.41 0.00	24.35 0.71 0.00	24.36 0.59 0.00	23.17 0.32 0.00	22.20 0.35 0.00	21.64 0.24 0.00	20.99 0.21 0.00	23.41 0.30 0.00	25.39 0.25 0.00	28.03 0.47 0.00	30.10 0.62 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.16 0.33 0.00	20.66 0.37 0.00
CHAUTAUQUA___LFGE 323629	19.08 -0.10 0.00	18.80 0.08 0.00	17.79 0.04 0.00	17.10 0.02 0.00	17.98 0.16 0.00	19.58 0.35 0.00	22.45 -0.46 0.00	25.43 -1.17 0.00	24.09 -1.38 0.00	22.94 -1.23 0.00	22.30 -1.35 0.00	22.41 -1.35 0.00	21.85 -1.00 0.00	20.89 -0.96 0.00	20.55 -0.86 0.00	19.95 -0.83 0.00	21.72 -1.39 0.00	23.66 -1.48 0.00	26.02 -1.54 0.00	27.95 -1.53 0.00	26.09 -1.12 0.00	22.56 -0.99 0.00	21.07 -0.76 0.00	20.00 -0.30 0.00
CHERRYST_13_KV_LD 356241	19.58 0.40 0.00	19.04 0.32 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.63 0.40 0.00	23.62 0.71 0.00	27.56 0.96 0.00	26.51 1.04 0.00	25.09 0.92 0.00	24.54 0.90 0.00	24.74 0.97 0.00	23.86 1.01 0.00	22.68 0.83 0.00	22.24 0.83 0.00	21.64 0.85 0.00	24.21 1.11 0.00	26.27 1.13 0.00	28.89 1.32 0.00	30.78 1.30 0.00	28.29 1.09 0.00	24.35 0.80 0.00	22.71 0.87 0.00	21.07 0.77 0.00

CHESTROR_138KV_BK263 355645	19.46 0.29 0.00	18.95 0.22 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.95 0.12 0.00	19.48 0.25 0.00	23.36 0.46 0.00	27.18 0.59 0.00	26.08 0.61 0.00	24.68 0.51 0.00	24.11 0.47 0.00	24.27 0.50 0.00	23.40 0.55 0.00	22.31 0.46 0.00	21.88 0.47 0.00	21.26 0.48 0.00	23.71 0.60 0.00	25.80 0.65 0.00	28.33 0.77 0.00	30.25 0.77 0.00	27.86 0.65 0.00	24.04 0.49 0.00	22.34 0.50 0.00	20.75 0.45 0.00
CH_MIDHUDSON___DRP 24192	19.58 0.40 0.00	19.06 0.34 0.00	18.03 0.28 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.62 0.38 0.00	23.50 0.60 0.00	27.37 0.77 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.43 0.67 0.00	23.56 0.71 0.00	22.44 0.59 0.00	22.01 0.60 0.00	21.37 0.58 0.00	23.84 0.74 0.00	25.95 0.80 0.00	28.50 0.94 0.00	30.40 0.91 0.00	28.02 0.82 0.00	24.18 0.64 0.00	22.43 0.59 0.00	20.83 0.53 0.00
CH_MISC_IPPS 23765	19.60 0.42 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.41 0.32 0.00	18.12 0.30 0.00	19.56 0.33 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.56 0.71 0.00	22.53 0.68 0.00	22.09 0.68 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.07 0.93 0.00	28.67 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.93 0.63 0.00
CH_RES_BVR_FALLS 23983	19.02 -0.15 0.00	18.55 -0.17 0.00	17.59 -0.16 0.00	16.97 -0.12 0.00	17.72 -0.11 0.00	19.12 -0.11 0.00	22.79 -0.11 0.00	26.44 -0.16 0.00	25.32 -0.15 0.00	24.05 -0.12 0.00	23.57 -0.07 0.00	23.70 -0.07 0.00	22.78 -0.07 0.00	21.80 -0.04 0.00	21.37 -0.04 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	25.07 -0.08 0.00	27.51 -0.06 0.00	29.43 -0.06 0.00	27.15 -0.05 0.00	23.48 -0.07 0.00	21.75 -0.09 0.00	20.24 -0.06 0.00
CH_RES_NIAGARA 23895	18.02 -1.15 0.00	17.79 -0.94 0.00	16.77 -0.98 0.00	16.14 -0.94 0.00	16.95 -0.87 0.00	18.46 -0.77 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.54 -2.93 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.96 -2.80 0.00	20.52 -2.33 0.00	19.64 -2.21 0.00	19.31 -2.10 0.00	18.75 -2.04 0.00	20.45 -2.66 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	26.06 -3.42 0.00	24.40 -2.80 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.80 -1.50 0.00
CH_RES_SYRACUSE 23985	19.31 0.14 0.00	18.87 0.15 0.00	17.88 0.13 0.00	17.22 0.14 0.00	17.98 0.16 0.00	19.40 0.17 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.42 -0.05 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.82 0.05 0.00	22.90 0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.31 0.21 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.40 -0.09 0.00	27.18 -0.03 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
CLINTON_WT_PWR 323605	19.65 0.48 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.49 0.41 0.00	18.28 0.46 0.00	19.71 0.48 0.00	23.45 0.55 0.00	27.02 0.42 0.00	25.80 0.33 0.00	24.51 0.34 0.00	24.30 0.66 0.00	24.34 0.57 0.00	23.15 0.30 0.00	22.18 0.33 0.00	21.69 0.28 0.00	21.02 0.23 0.00	23.43 0.32 0.00	25.42 0.28 0.00	27.98 0.41 0.00	29.99 0.50 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.14 0.31 0.00	20.62 0.32 0.00
CLINTON___LFGE 323618	19.92 0.75 0.00	19.47 0.75 0.00	18.46 0.71 0.00	17.73 0.65 0.00	18.55 0.73 0.00	20.04 0.81 0.00	23.84 0.94 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.85 0.68 0.00	24.71 1.06 0.00	24.72 0.95 0.00	23.49 0.64 0.00	22.53 0.68 0.00	22.01 0.60 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.80 0.65 0.00	28.42 0.86 0.00	30.46 0.97 0.00	28.13 0.93 0.00	24.37 0.82 0.00	22.47 0.63 0.00	20.95 0.65 0.00
COBBLENY_34_KV_TB1 80064	18.66 -0.52 0.00	18.42 -0.30 0.00	17.59 -0.16 0.00	16.84 -0.24 0.00	17.77 -0.05 0.00	18.73 -0.50 0.00	22.13 -0.78 0.00	25.06 -1.54 0.00	23.64 -1.83 0.00	22.67 -1.50 0.00	22.03 -1.61 0.00	22.15 -1.62 0.00	21.09 -1.76 0.00	20.67 -1.18 0.00	20.32 -1.09 0.00	19.73 -1.06 0.00	21.44 -1.66 0.00	23.36 -1.79 0.00	25.69 -1.87 0.00	27.42 -2.06 0.00	25.68 -1.52 0.00	22.27 -1.27 0.00	20.81 -1.03 0.00	19.63 -0.67 0.00
COFFEEN___115KV_TB3 355620	19.02 -0.15 0.00	18.55 -0.17 0.00	17.57 -0.18 0.00	16.93 -0.15 0.00	17.71 -0.11 0.00	19.15 -0.08 0.00	22.72 -0.18 0.00	26.57 -0.03 0.00	25.19 -0.28 0.00	23.78 -0.39 0.00	23.22 -0.43 0.00	23.32 -0.45 0.00	22.33 -0.53 0.00	21.30 -0.55 0.00	20.85 -0.56 0.00	20.33 -0.46 0.00	22.71 -0.39 0.00	24.92 -0.23 0.00	27.31 -0.25 0.00	29.69 0.21 0.00	27.34 0.14 0.00	23.69 0.14 0.00	21.95 0.11 0.00	20.26 -0.04 0.00
COLDSPRG_115KV_BK1 355956	19.37 0.19 0.00	19.12 0.39 0.00	18.25 0.50 0.00	17.48 0.39 0.00	18.46 0.64 0.00	19.52 0.29 0.00	23.20 0.30 0.00	26.28 -0.32 0.00	24.68 -0.79 0.00	23.64 -0.53 0.00	22.98 -0.66 0.00	23.10 -0.67 0.00	22.01 -0.85 0.00	21.45 -0.39 0.00	21.11 -0.30 0.00	20.50 -0.29 0.00	22.25 -0.85 0.00	24.34 -0.80 0.00	26.82 -0.74 0.00	28.69 -0.80 0.00	26.82 -0.38 0.00	23.24 -0.31 0.00	21.64 -0.20 0.00	20.42 0.12 0.00
COLONIE_LFGE___ 323577	19.50 0.33 0.00	19.02 0.30 0.00	18.05 0.30 0.00	17.37 0.29 0.00	18.09 0.27 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.18 0.58 0.00	26.13 0.66 0.00	24.80 0.63 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.33 0.48 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.20 0.42 0.00	23.61 0.51 0.00	25.72 0.58 0.00	28.17 0.61 0.00	30.04 0.56 0.00	27.69 0.49 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.60 0.30 0.00
COOPERNY_115KV_TB1 80082	19.39 0.21 0.00	18.89 0.17 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.91 0.09 0.00	19.42 0.19 0.00	23.25 0.34 0.00	27.05 0.45 0.00	25.93 0.46 0.00	24.56 0.39 0.00	24.00 0.35 0.00	24.15 0.38 0.00	23.26 0.41 0.00	22.18 0.33 0.00	21.75 0.34 0.00	21.16 0.37 0.00	23.57 0.46 0.00	25.62 0.48 0.00	28.11 0.55 0.00	30.07 0.59 0.00	27.69 0.49 0.00	23.90 0.35 0.00	22.21 0.37 0.00	20.64 0.35 0.00
COPENHAGEN_WT_PWR 323753	18.95 -0.23 0.00	18.48 -0.24 0.00	17.48 -0.27 0.00	16.84 -0.24 0.00	17.61 -0.21 0.00	19.08 -0.15 0.00	22.58 -0.32 0.00	26.39 -0.21 0.00	25.06 -0.41 0.00	23.69 -0.48 0.00	23.12 -0.52 0.00	23.22 -0.55 0.00	22.30 -0.55 0.00	21.24 -0.61 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.62 -0.49 0.00	24.77 -0.38 0.00	27.15 -0.41 0.00	29.43 -0.06 0.00	27.09 -0.11 0.00	23.48 -0.07 0.00	21.75 -0.09 0.00	20.12 -0.18 0.00
CORNELL_____ 23752	19.67 0.50 0.00	19.23 0.51 0.00	18.25 0.50 0.00	17.55 0.46 0.00	18.36 0.53 0.00	19.71 0.48 0.00	23.52 0.62 0.00	27.32 0.72 0.00	25.95 0.48 0.00	24.66 0.48 0.00	24.11 0.47 0.00	24.27 0.50 0.00	23.26 0.41 0.00	22.26 0.42 0.00	21.84 0.43 0.00	21.24 0.46 0.00	23.61 0.51 0.00	25.60 0.45 0.00	28.11 0.55 0.00	30.13 0.65 0.00	27.88 0.68 0.00	24.13 0.59 0.00	22.38 0.55 0.00	20.83 0.53 0.00

CORONA__69_KV_TB1 355595	19.90 0.73 0.00	19.32 0.60 0.00	18.30 0.55 0.00	17.56 0.48 0.00	18.30 0.48 0.00	19.98 0.75 0.00	26.80 1.10 -2.80	28.69 1.38 -0.70	28.15 1.40 -1.27	27.56 1.26 -2.13	24.82 1.18 0.00	25.03 1.26 0.00	24.15 1.30 0.00	22.96 1.11 0.00	23.44 1.13 -0.90	23.78 1.14 -1.85	24.40 1.29 0.00	26.53 1.38 0.00	29.02 1.46 0.00	31.02 1.53 0.00	28.54 1.33 0.00	25.20 1.20 -0.46	23.80 1.18 -0.79	21.92 1.06 -0.56
CORTLAND__115KV_TB3 80093	19.48 0.31 0.00	19.04 0.32 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.16 0.34 0.00	19.52 0.29 0.00	23.27 0.37 0.00	27.00 0.40 0.00	25.70 0.23 0.00	24.41 0.24 0.00	23.88 0.24 0.00	24.03 0.26 0.00	23.03 0.18 0.00	22.07 0.22 0.00	21.62 0.21 0.00	21.01 0.23 0.00	23.36 0.25 0.00	25.37 0.23 0.00	27.84 0.28 0.00	29.81 0.32 0.00	27.56 0.35 0.00	23.85 0.31 0.00	22.14 0.31 0.00	20.58 0.28 0.00
COXSACKIE__GT 23611	20.31 1.13 0.00	19.81 1.09 0.00	18.74 0.99 0.00	18.04 0.96 0.00	18.84 1.02 0.00	20.38 1.15 0.00	24.44 1.53 0.00	28.35 1.76 0.00	27.02 1.55 0.00	25.50 1.33 0.00	24.75 1.11 0.00	24.84 1.07 0.00	23.85 1.00 0.00	22.81 0.96 0.00	22.31 0.90 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.47 1.33 0.00	29.24 1.68 0.00	31.25 1.77 0.00	28.97 1.77 0.00	25.05 1.51 0.00	23.10 1.27 0.00	21.44 1.14 0.00
CPV__VALLEY__CC1 323721	19.29 0.12 0.00	18.82 0.09 0.00	17.84 0.09 0.00	17.14 0.05 0.00	17.86 0.04 0.00	19.27 0.04 0.00	23.23 0.32 0.00	27.02 0.42 0.00	25.90 0.43 0.00	24.56 0.39 0.00	24.00 0.36 0.00	24.15 0.38 0.00	23.19 0.34 0.00	22.18 0.33 0.00	21.77 0.36 0.00	21.16 0.37 0.00	23.57 0.46 0.00	25.65 0.50 0.00	28.14 0.58 0.00	30.07 0.59 0.00	27.66 0.46 0.00	23.88 0.33 0.00	22.21 0.37 0.00	20.60 0.30 0.00
CPV__VALLEY__CC2 323722	19.29 0.12 0.00	18.82 0.09 0.00	17.84 0.09 0.00	17.14 0.05 0.00	17.86 0.04 0.00	19.27 0.04 0.00	23.23 0.32 0.00	27.02 0.42 0.00	25.90 0.43 0.00	24.56 0.39 0.00	24.00 0.36 0.00	24.15 0.38 0.00	23.19 0.34 0.00	22.18 0.33 0.00	21.77 0.36 0.00	21.16 0.37 0.00	23.57 0.46 0.00	25.65 0.50 0.00	28.14 0.58 0.00	30.07 0.59 0.00	27.66 0.46 0.00	23.88 0.33 0.00	22.21 0.37 0.00	20.60 0.30 0.00
CRESCENT__HYD 24018	19.50 0.33 0.00	19.02 0.30 0.00	18.05 0.30 0.00	17.37 0.29 0.00	18.09 0.27 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.18 0.58 0.00	26.13 0.66 0.00	24.80 0.63 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.33 0.48 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.20 0.42 0.00	23.61 0.51 0.00	25.72 0.58 0.00	28.17 0.61 0.00	30.04 0.56 0.00	27.69 0.49 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.60 0.30 0.00
CRICKET__VALLEY_CC1 323756	19.35 0.17 0.00	18.86 0.13 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.29 0.06 0.00	23.25 0.34 0.00	27.05 0.45 0.00	26.01 0.54 0.00	24.65 0.48 0.00	24.04 0.40 0.00	24.20 0.43 0.00	23.22 0.36 0.00	22.22 0.37 0.00	21.79 0.39 0.00	21.18 0.39 0.00	23.59 0.49 0.00	25.70 0.55 0.00	28.17 0.61 0.00	29.99 0.50 0.00	27.61 0.41 0.00	23.88 0.33 0.00	22.14 0.31 0.00	20.54 0.24 0.00
CRICKET__VALLEY_CC2 323757	19.35 0.17 0.00	18.86 0.13 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.29 0.06 0.00	23.25 0.34 0.00	27.05 0.45 0.00	26.01 0.54 0.00	24.65 0.48 0.00	24.04 0.40 0.00	24.20 0.43 0.00	23.22 0.36 0.00	22.22 0.37 0.00	21.79 0.39 0.00	21.18 0.39 0.00	23.59 0.49 0.00	25.70 0.55 0.00	28.17 0.61 0.00	29.99 0.50 0.00	27.61 0.41 0.00	23.88 0.33 0.00	22.14 0.31 0.00	20.54 0.24 0.00
CRICKET__VALLEY_CC3 323758	19.35 0.17 0.00	18.86 0.13 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.29 0.06 0.00	23.25 0.34 0.00	27.05 0.45 0.00	26.01 0.54 0.00	24.65 0.48 0.00	24.04 0.40 0.00	24.20 0.43 0.00	23.22 0.36 0.00	22.22 0.37 0.00	21.79 0.39 0.00	21.18 0.39 0.00	23.59 0.49 0.00	25.70 0.55 0.00	28.17 0.61 0.00	29.99 0.50 0.00	27.61 0.41 0.00	23.88 0.33 0.00	22.14 0.31 0.00	20.54 0.24 0.00
CRUCIBLE__METL_DRP 24180	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
DAHOWA__HYDRO 323763	19.73 0.56 0.00	19.25 0.52 0.00	18.25 0.50 0.00	17.55 0.46 0.00	18.30 0.48 0.00	19.71 0.48 0.00	23.71 0.80 0.00	27.61 1.01 0.00	26.54 1.07 0.00	25.16 0.99 0.00	24.59 0.95 0.00	24.65 0.88 0.00	23.70 0.85 0.00	22.63 0.79 0.00	22.11 0.71 0.00	21.45 0.66 0.00	23.91 0.81 0.00	26.05 0.90 0.00	28.61 1.05 0.00	30.52 1.03 0.00	28.21 1.01 0.00	24.39 0.85 0.00	22.60 0.76 0.00	20.91 0.61 0.00
DANC__LFGE 323619	18.91 -0.27 0.00	18.46 -0.26 0.00	17.48 -0.27 0.00	16.83 -0.26 0.00	17.59 -0.23 0.00	19.04 -0.19 0.00	22.47 -0.44 0.00	26.20 -0.40 0.00	24.93 -0.54 0.00	23.59 -0.58 0.00	23.07 -0.57 0.00	23.20 -0.57 0.00	22.28 -0.57 0.00	21.26 -0.59 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.60 -0.51 0.00	24.69 -0.45 0.00	27.07 -0.50 0.00	29.19 -0.29 0.00	26.93 -0.27 0.00	23.33 -0.21 0.00	21.62 -0.22 0.00	20.03 -0.26 0.00
DANSKAMMER__1 23586	19.60 0.42 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.41 0.32 0.00	18.12 0.30 0.00	19.56 0.33 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.56 0.71 0.00	22.53 0.68 0.00	22.09 0.68 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.07 0.93 0.00	28.67 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.93 0.63 0.00
DANSKAMMER__2 23589	19.60 0.42 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.41 0.32 0.00	18.12 0.30 0.00	19.56 0.33 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.56 0.71 0.00	22.53 0.68 0.00	22.09 0.68 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.07 0.93 0.00	28.67 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.93 0.63 0.00
DANSKAMMER__3 23590	19.60 0.42 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.41 0.32 0.00	18.12 0.30 0.00	19.56 0.33 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.56 0.71 0.00	22.53 0.68 0.00	22.09 0.68 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.07 0.93 0.00	28.67 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.93 0.63 0.00

DANSKAMMER___4 23591	19.60 0.42 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.41 0.32 0.00	18.12 0.30 0.00	19.56 0.33 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.56 0.71 0.00	22.53 0.68 0.00	22.09 0.68 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.07 0.93 0.00	28.67 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.93 0.63 0.00
DANSKAMMER___DIESEL 23592	19.65 0.48 0.00	19.14 0.41 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.12 0.30 0.00	19.69 0.46 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.65 0.80 0.00	22.53 0.68 0.00	22.09 0.69 0.00	21.45 0.67 0.00	23.96 0.85 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.95 0.65 0.00
DARBY___SOLAR 323810	19.67 0.50 0.00	19.21 0.49 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.27 0.45 0.00	19.65 0.42 0.00	23.64 0.73 0.00	27.53 0.93 0.00	26.46 0.99 0.00	25.09 0.92 0.00	24.52 0.88 0.00	24.58 0.81 0.00	23.63 0.78 0.00	22.57 0.72 0.00	22.07 0.66 0.00	21.41 0.62 0.00	23.87 0.76 0.00	25.97 0.83 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.10 0.90 0.00	24.32 0.78 0.00	22.54 0.70 0.00	20.87 0.57 0.00
DASHVILLE___HYD 23610	19.44 0.27 0.00	18.93 0.21 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.48 0.25 0.00	23.36 0.46 0.00	27.18 0.59 0.00	26.08 0.61 0.00	24.68 0.51 0.00	24.07 0.43 0.00	24.24 0.48 0.00	23.35 0.50 0.00	22.24 0.39 0.00	21.82 0.41 0.00	21.20 0.42 0.00	23.66 0.55 0.00	25.75 0.60 0.00	28.33 0.77 0.00	30.22 0.74 0.00	27.83 0.63 0.00	23.99 0.45 0.00	22.27 0.44 0.00	20.71 0.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.48 1.30 0.00	19.87 1.14 0.00	18.89 1.14 0.00	18.09 1.01 0.00	18.89 1.07 0.00	20.62 1.38 0.00	27.58 1.88 -2.80	29.62 2.31 -0.70	28.96 2.22 -1.27	28.33 2.03 -2.13	25.51 1.87 0.00	25.69 1.93 0.00	24.77 1.92 0.00	23.51 1.66 0.00	24.00 1.69 -0.90	24.30 1.66 -1.85	24.95 1.85 0.00	27.25 2.11 0.00	29.44 1.87 0.00	31.67 2.18 0.00	29.05 1.85 0.00	25.98 1.98 -0.46	24.61 1.99 -0.79	22.67 1.81 -0.56
DELAWARE___LFGE 323621	19.62 0.44 0.00	19.14 0.41 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.20 0.37 0.00	19.67 0.44 0.00	23.52 0.62 0.00	27.40 0.80 0.00	26.18 0.71 0.00	24.82 0.65 0.00	24.23 0.59 0.00	24.39 0.62 0.00	23.47 0.62 0.00	22.39 0.55 0.00	21.94 0.54 0.00	21.33 0.54 0.00	23.68 0.58 0.00	25.77 0.63 0.00	28.25 0.69 0.00	30.28 0.80 0.00	27.91 0.71 0.00	24.16 0.61 0.00	22.43 0.59 0.00	20.85 0.55 0.00
DERFIELD_115KV_TB7 355931	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.82 0.00 0.00	19.25 0.02 0.00	22.93 0.02 0.00	26.65 0.05 0.00	25.55 0.08 0.00	24.22 0.05 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.90 0.05 0.00	21.87 0.02 0.00	21.45 0.04 0.00	20.83 0.04 0.00	23.11 0.00 0.00	25.17 0.03 0.00	27.56 0.00 0.00	29.48 0.00 0.00	27.20 0.00 0.00	23.55 0.00 0.00	21.84 0.00 0.00	20.30 0.00 0.00
DOGLEVILLE___HYD 23807	18.62 -0.56 0.00	18.12 -0.60 0.00	17.22 -0.53 0.00	16.64 -0.44 0.00	17.45 -0.38 0.00	18.90 -0.33 0.00	22.54 -0.37 0.00	26.20 -0.40 0.00	25.04 -0.43 0.00	23.78 -0.39 0.00	23.31 -0.33 0.00	23.46 -0.31 0.00	22.55 -0.30 0.00	21.54 -0.31 0.00	21.11 -0.30 0.00	20.50 -0.29 0.00	22.76 -0.35 0.00	24.82 -0.33 0.00	27.15 -0.41 0.00	29.07 -0.41 0.00	26.80 -0.41 0.00	23.24 -0.31 0.00	21.58 -0.26 0.00	20.03 -0.26 0.00
DUNKIRK___115KV_TB_200 55889	18.79 -0.38 0.00	18.57 -0.15 0.00	17.75 0.00 0.00	17.00 -0.09 0.00	17.93 0.11 0.00	18.92 -0.31 0.00	22.38 -0.53 0.00	25.35 -1.25 0.00	23.87 -1.60 0.00	22.89 -1.28 0.00	22.22 -1.42 0.00	22.37 -1.40 0.00	21.30 -1.55 0.00	20.84 -1.01 0.00	20.49 -0.92 0.00	19.91 -0.87 0.00	21.63 -1.48 0.00	23.61 -1.53 0.00	25.94 -1.63 0.00	27.75 -1.74 0.00	25.95 -1.25 0.00	22.51 -1.04 0.00	21.03 -0.81 0.00	19.83 -0.47 0.00
DUNKIRK___1 23563	18.79 -0.38 0.00	18.57 -0.15 0.00	17.75 0.00 0.00	17.00 -0.09 0.00	17.93 0.11 0.00	18.92 -0.31 0.00	22.38 -0.53 0.00	25.35 -1.25 0.00	23.87 -1.60 0.00	22.89 -1.28 0.00	22.22 -1.42 0.00	22.37 -1.40 0.00	21.30 -1.55 0.00	20.84 -1.01 0.00	20.49 -0.92 0.00	19.91 -0.87 0.00	21.63 -1.48 0.00	23.61 -1.53 0.00	25.94 -1.63 0.00	27.75 -1.74 0.00	25.95 -1.25 0.00	22.51 -1.04 0.00	21.03 -0.81 0.00	19.83 -0.47 0.00
DUNKIRK___2 23564	18.79 -0.38 0.00	18.57 -0.15 0.00	17.75 0.00 0.00	17.00 -0.09 0.00	17.93 0.11 0.00	18.92 -0.31 0.00	22.38 -0.53 0.00	25.35 -1.25 0.00	23.87 -1.60 0.00	22.89 -1.28 0.00	22.22 -1.42 0.00	22.37 -1.40 0.00	21.30 -1.55 0.00	20.84 -1.01 0.00	20.49 -0.92 0.00	19.91 -0.87 0.00	21.63 -1.48 0.00	23.61 -1.53 0.00	25.94 -1.63 0.00	27.75 -1.74 0.00	25.95 -1.25 0.00	22.51 -1.04 0.00	21.03 -0.81 0.00	19.83 -0.47 0.00
DUNKIRK___3 23565	18.75 -0.42 0.00	18.54 -0.19 0.00	17.70 -0.05 0.00	16.95 -0.14 0.00	17.88 0.05 0.00	18.87 -0.37 0.00	22.31 -0.60 0.00	25.27 -1.33 0.00	23.79 -1.68 0.00	22.82 -1.35 0.00	22.15 -1.49 0.00	22.29 -1.47 0.00	21.23 -1.62 0.00	20.78 -1.07 0.00	20.42 -0.98 0.00	19.85 -0.94 0.00	21.56 -1.55 0.00	23.53 -1.61 0.00	25.88 -1.68 0.00	27.66 -1.83 0.00	25.87 -1.33 0.00	22.46 -1.08 0.00	20.96 -0.87 0.00	19.77 -0.53 0.00
DUNKIRK___4 23566	18.75 -0.42 0.00	18.54 -0.19 0.00	17.70 -0.05 0.00	16.95 -0.14 0.00	17.88 0.05 0.00	18.87 -0.37 0.00	22.31 -0.60 0.00	25.27 -1.33 0.00	23.79 -1.68 0.00	22.82 -1.35 0.00	22.15 -1.49 0.00	22.29 -1.47 0.00	21.23 -1.62 0.00	20.78 -1.07 0.00	20.42 -0.98 0.00	19.85 -0.94 0.00	21.56 -1.55 0.00	23.53 -1.61 0.00	25.88 -1.68 0.00	27.66 -1.83 0.00	25.87 -1.33 0.00	22.46 -1.08 0.00	20.96 -0.87 0.00	19.77 -0.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.56 0.38 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.42 0.78 0.00	24.60 0.83 0.00	23.74 0.89 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.05 0.95 0.00	26.12 0.98 0.00	28.69 1.13 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.28 0.73 0.00	22.58 0.74 0.00	20.95 0.65 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.52 0.35 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.56 0.33 0.00	23.46 0.55 0.00	27.32 0.72 0.00	26.18 0.71 0.00	24.78 0.60 0.00	24.21 0.57 0.00	24.36 0.59 0.00	23.49 0.64 0.00	22.37 0.52 0.00	21.94 0.54 0.00	21.33 0.54 0.00	23.82 0.72 0.00	25.92 0.78 0.00	28.47 0.91 0.00	30.40 0.91 0.00	28.02 0.82 0.00	24.16 0.61 0.00	22.43 0.59 0.00	20.83 0.53 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.69 0.52 0.00	19.15 0.43 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.07 0.25 0.00	19.67 0.44 0.00	23.46 0.55 0.00	27.29 0.69 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.33 0.69 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.45 0.67 0.00	24.03 0.92 0.00	26.05 0.91 0.00	28.64 1.07 0.00	30.49 1.00 0.00	28.05 0.84 0.00	24.13 0.59 0.00	22.67 0.83 0.00	21.15 0.85 0.00
E179THST_13_KV_LOAD 356214	19.77 0.59 0.00	19.21 0.49 0.00	18.14 0.39 0.00	17.44 0.36 0.00	18.12 0.30 0.00	19.75 0.52 0.00	23.52 0.62 0.00	27.42 0.82 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.78 1.21 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.75 0.92 0.00	21.23 0.93 0.00
EAST HAMPTON___GT 23717	20.59 1.42 0.00	20.01 1.29 0.00	19.03 1.28 0.00	18.21 1.13 0.00	19.03 1.21 0.00	20.49 1.25 -0.01	27.77 2.06 -2.80	29.87 2.55 -0.71	29.17 2.42 -1.28	28.51 2.20 -2.14	25.66 2.01 -0.01	25.84 2.07 -0.01	24.34 1.48 -0.01	23.60 1.75 -0.01	24.05 1.73 -0.91	24.41 1.77 -1.86	25.05 1.94 0.00	27.38 2.24 0.00	29.60 2.04 0.00	31.87 2.39 0.00	29.19 1.98 0.00	26.22 2.21 -0.46	24.81 2.18 -0.79	22.88 2.01 -0.57
EAST RIVER___6 23660	19.41 0.23 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.89 0.07 0.00	19.35 0.12 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.70 0.85 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.75 1.27 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.65 0.81 0.00	20.97 0.67 0.00
EAST RIVER___7 23524	19.41 0.23 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.89 0.07 0.00	19.35 0.12 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.70 0.85 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.75 1.27 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.65 0.81 0.00	20.97 0.67 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.56 0.38 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.42 0.82 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.10 0.96 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
EAST_HAMPTON___DIESEL 23722	20.59 1.42 0.00	20.01 1.29 0.00	19.03 1.28 0.00	18.21 1.13 0.00	19.03 1.21 0.00	20.49 1.25 -0.01	27.77 2.06 -2.80	29.87 2.55 -0.71	29.17 2.42 -1.28	28.48 2.18 -2.14	25.66 2.01 -0.01	25.84 2.07 -0.01	24.32 1.46 -0.01	23.58 1.73 -0.01	24.05 1.73 -0.91	24.39 1.75 -1.86	25.02 1.92 0.00	27.38 2.24 0.00	29.57 2.01 0.00	31.87 2.39 0.00	29.19 1.98 0.00	26.20 2.19 -0.46	24.81 2.18 -0.79	22.88 2.01 -0.57
EAST_PULASKI___ESR 323781	18.92 -0.25 0.00	18.48 -0.24 0.00	17.50 -0.25 0.00	16.86 -0.22 0.00	17.61 -0.21 0.00	19.02 -0.21 0.00	22.45 -0.46 0.00	26.09 -0.51 0.00	24.89 -0.58 0.00	23.59 -0.58 0.00	23.10 -0.54 0.00	23.22 -0.55 0.00	22.33 -0.52 0.00	21.32 -0.52 0.00	20.87 -0.53 0.00	20.31 -0.48 0.00	22.64 -0.46 0.00	24.69 -0.45 0.00	27.07 -0.50 0.00	29.07 -0.41 0.00	26.82 -0.38 0.00	23.26 -0.28 0.00	21.58 -0.26 0.00	20.03 -0.26 0.00
EAST_RIVER___1 323558	19.44 0.27 0.00	18.97 0.24 0.00	17.96 0.21 0.00	17.27 0.19 0.00	17.95 0.13 0.00	19.38 0.15 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.39 0.92 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.67 0.83 0.00	21.01 0.71 0.00
EAST_RIVER___2 323559	19.41 0.23 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.89 0.07 0.00	19.35 0.12 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.70 0.85 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.75 1.27 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.65 0.81 0.00	20.97 0.67 0.00
EAST___DELAWARE_HYD 23607	19.96 0.79 0.00	19.49 0.77 0.00	18.43 0.67 0.00	17.73 0.65 0.00	18.48 0.66 0.00	19.96 0.73 0.00	24.05 1.14 0.00	27.98 1.38 0.00	26.74 1.27 0.00	25.31 1.14 0.00	24.66 1.02 0.00	24.81 1.04 0.00	23.70 0.85 0.00	22.57 0.72 0.00	22.11 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.15 1.01 0.00	28.80 1.24 0.00	30.81 1.33 0.00	28.37 1.17 0.00	24.46 0.92 0.00	22.71 0.87 0.00	21.09 0.79 0.00
EIGHT_POINT___WT_PWR 323820	19.88 0.71 0.00	19.47 0.75 0.00	18.37 0.62 0.00	17.70 0.61 0.00	18.57 0.75 0.00	20.10 0.87 0.00	23.87 0.96 0.00	27.66 1.07 0.00	26.18 0.71 0.00	24.99 0.82 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.56 0.77 0.00	23.84 0.74 0.00	25.95 0.80 0.00	28.55 0.99 0.00	30.75 1.27 0.00	28.51 1.31 0.00	24.65 1.11 0.00	22.84 1.01 0.00	21.35 1.05 0.00
ELBRIDGE_115KV_TB2 80188	19.23 0.06 0.00	18.82 0.09 0.00	17.86 0.11 0.00	17.19 0.10 0.00	17.96 0.14 0.00	19.27 0.04 0.00	22.93 0.02 0.00	26.60 0.00 0.00	25.34 -0.13 0.00	24.10 -0.07 0.00	23.59 -0.05 0.00	23.74 -0.02 0.00	22.74 -0.11 0.00	21.80 -0.04 0.00	21.37 -0.04 0.00	21.01 0.23 0.00	23.34 0.23 0.00	24.92 -0.23 0.00	27.31 -0.25 0.00	29.22 -0.27 0.00	27.04 -0.16 0.00	23.41 -0.14 0.00	21.73 -0.11 0.00	20.20 -0.10 0.00
ELEC_TRO_TEK 24086	19.83 0.65 0.00	19.25 0.52 0.00	18.23 0.48 0.00	17.51 0.43 0.00	18.25 0.43 0.00	19.90 0.67 0.00	26.71 1.01 -2.80	28.58 1.28 -0.70	28.04 1.30 -1.27	27.46 1.16 -2.13	24.73 1.09 0.00	24.93 1.16 0.00	24.06 1.21 0.00	22.87 1.03 0.00	23.36 1.05 -0.90	23.69 1.06 -1.85	24.31 1.20 0.00	26.43 1.28 0.00	28.91 1.35 0.00	30.90 1.42 0.00	28.40 1.20 0.00	25.09 1.08 -0.46	23.69 1.07 -0.79	21.82 0.95 -0.56
ELLENBURG_WT_PWR 323604	19.65 0.48 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.49 0.41 0.00	18.28 0.46 0.00	19.71 0.48 0.00	23.45 0.55 0.00	27.02 0.42 0.00	25.80 0.33 0.00	24.51 0.34 0.00	24.30 0.66 0.00	24.34 0.57 0.00	23.15 0.30 0.00	22.18 0.33 0.00	21.69 0.28 0.00	21.02 0.23 0.00	23.43 0.32 0.00	25.42 0.28 0.00	27.98 0.41 0.00	29.99 0.50 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.14 0.31 0.00	20.62 0.32 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.45 -0.73 0.00	18.22 -0.51 0.00	17.40 -0.36 0.00	16.67 -0.41 0.00	17.57 -0.25 0.00	18.52 -0.71 0.00	21.83 -1.08 0.00	24.74 -1.86 0.00	23.33 -2.14 0.00	22.41 -1.76 0.00	21.75 -1.89 0.00	21.89 -1.88 0.00	20.84 -2.01 0.00	20.43 -1.42 0.00	20.08 -1.33 0.00	19.50 -1.29 0.00	21.21 -1.89 0.00	23.11 -2.04 0.00	25.36 -2.20 0.00	27.07 -2.42 0.00	25.35 -1.85 0.00	22.02 -1.53 0.00	20.61 -1.22 0.00	19.43 -0.87 0.00
EMPIRE_CC_1 323656	19.33 0.15 0.00	18.86 0.13 0.00	17.91 0.16 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.33 0.10 0.00	23.11 0.21 0.00	26.84 0.24 0.00	25.78 0.31 0.00	24.49 0.31 0.00	23.90 0.26 0.00	24.01 0.24 0.00	23.06 0.21 0.00	22.07 0.22 0.00	21.62 0.21 0.00	20.97 0.19 0.00	23.36 0.25 0.00	25.45 0.30 0.00	27.81 0.25 0.00	29.63 0.15 0.00	27.28 0.08 0.00	23.71 0.17 0.00	21.95 0.11 0.00	20.36 0.06 0.00
EMPIRE_CC_2 323658	19.33 0.15 0.00	18.86 0.13 0.00	17.91 0.16 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.33 0.10 0.00	23.11 0.21 0.00	26.84 0.24 0.00	25.78 0.31 0.00	24.49 0.31 0.00	23.90 0.26 0.00	24.01 0.24 0.00	23.06 0.21 0.00	22.07 0.22 0.00	21.62 0.21 0.00	20.97 0.19 0.00	23.36 0.25 0.00	25.45 0.30 0.00	27.81 0.25 0.00	29.63 0.15 0.00	27.28 0.08 0.00	23.71 0.17 0.00	21.95 0.11 0.00	20.36 0.06 0.00
ENORWICH_115KV_TB1 80156	20.59 1.42 0.00	20.07 1.35 0.00	18.96 1.21 0.00	18.26 1.18 0.00	19.14 1.32 0.00	20.67 1.44 0.00	24.71 1.81 0.00	28.97 2.37 0.00	27.35 1.88 0.00	25.91 1.74 0.00	25.27 1.63 0.00	25.41 1.64 0.00	24.36 1.51 0.00	23.18 1.33 0.00	22.76 1.35 0.00	22.20 1.41 0.00	24.68 1.57 0.00	26.88 1.73 0.00	29.52 1.96 0.00	32.02 2.54 0.00	29.49 2.28 0.00	25.57 2.02 0.00	23.80 1.97 0.00	22.05 1.75 0.00
ERIE_ST__34_KV_TB1-2 80199	18.94 -0.23 0.00	18.69 -0.04 0.00	17.82 0.07 0.00	17.08 0.00 0.00	18.00 0.18 0.00	19.02 -0.21 0.00	22.52 -0.39 0.00	25.46 -1.14 0.00	23.97 -1.50 0.00	22.99 -1.18 0.00	22.34 -1.30 0.00	22.46 -1.31 0.00	21.41 -1.44 0.00	20.95 -0.90 0.00	20.60 -0.81 0.00	20.02 -0.77 0.00	21.74 -1.36 0.00	23.73 -1.41 0.00	26.07 -1.49 0.00	27.86 -1.62 0.00	26.09 -1.12 0.00	22.63 -0.92 0.00	21.12 -0.72 0.00	19.95 -0.35 0.00
ERIE_WT_PWR 323693	18.89 -0.29 0.00	18.61 -0.11 0.00	17.57 -0.18 0.00	16.90 -0.19 0.00	17.75 -0.07 0.00	19.35 0.12 0.00	22.08 -0.82 0.00	25.00 -1.60 0.00	23.74 -1.73 0.00	22.62 -1.55 0.00	21.96 -1.68 0.00	22.10 -1.66 0.00	21.57 -1.28 0.00	20.63 -1.22 0.00	20.27 -1.14 0.00	19.68 -1.10 0.00	21.47 -1.64 0.00	23.33 -1.81 0.00	25.63 -1.93 0.00	27.51 -1.98 0.00	25.71 -1.50 0.00	22.25 -1.30 0.00	20.81 -1.03 0.00	19.75 -0.55 0.00
ESPRGFLD_115KV_TB1 80157	20.09 0.92 0.00	19.62 0.90 0.00	18.58 0.83 0.00	17.87 0.79 0.00	18.70 0.87 0.00	20.21 0.98 0.00	24.23 1.33 0.00	28.27 1.68 0.00	26.97 1.50 0.00	25.50 1.33 0.00	24.89 1.25 0.00	25.07 1.31 0.00	24.08 1.23 0.00	22.96 1.11 0.00	22.46 1.05 0.00	21.87 1.08 0.00	24.28 1.18 0.00	26.45 1.31 0.00	29.02 1.46 0.00	31.19 1.71 0.00	28.83 1.63 0.00	24.98 1.44 0.00	23.17 1.33 0.00	21.46 1.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.63 0.46 0.00	19.19 0.47 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.32 0.50 0.00	19.67 0.44 0.00	23.48 0.57 0.00	27.26 0.66 0.00	25.90 0.43 0.00	24.61 0.44 0.00	24.07 0.43 0.00	24.22 0.45 0.00	23.19 0.34 0.00	22.22 0.37 0.00	21.79 0.39 0.00	21.20 0.42 0.00	23.54 0.44 0.00	25.55 0.40 0.00	28.03 0.47 0.00	30.07 0.59 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.77 0.47 0.00
ETNA____115KV_TB2 80207	19.63 0.46 0.00	19.19 0.47 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.32 0.50 0.00	19.67 0.44 0.00	23.48 0.57 0.00	27.26 0.66 0.00	25.90 0.43 0.00	24.61 0.44 0.00	24.07 0.43 0.00	24.22 0.45 0.00	23.19 0.34 0.00	22.22 0.37 0.00	21.79 0.39 0.00	21.20 0.42 0.00	23.54 0.44 0.00	25.55 0.40 0.00	28.03 0.47 0.00	30.07 0.59 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.77 0.47 0.00
EUCLID__115KV_TB2 356179	18.96 -0.21 0.00	18.55 -0.17 0.00	17.61 -0.14 0.00	16.93 -0.15 0.00	17.70 -0.12 0.00	19.00 -0.23 0.00	22.54 -0.37 0.00	26.15 -0.45 0.00	24.96 -0.51 0.00	23.74 -0.44 0.00	23.22 -0.43 0.00	23.34 -0.43 0.00	22.39 -0.46 0.00	21.48 -0.37 0.00	21.04 -0.36 0.00	20.45 -0.33 0.00	22.78 -0.32 0.00	24.74 -0.40 0.00	27.09 -0.47 0.00	28.98 -0.50 0.00	26.79 -0.41 0.00	23.22 -0.33 0.00	21.53 -0.31 0.00	20.04 -0.26 0.00
E_CANADA_CAP_HY 24051	20.23 1.05 0.00	19.77 1.05 0.00	18.69 0.94 0.00	17.99 0.90 0.00	18.80 0.98 0.00	20.33 1.10 0.00	24.42 1.51 0.00	28.43 1.83 0.00	27.18 1.71 0.00	25.65 1.47 0.00	25.04 1.39 0.00	25.22 1.45 0.00	24.22 1.37 0.00	23.09 1.24 0.00	22.56 1.16 0.00	21.95 1.16 0.00	24.42 1.32 0.00	26.65 1.51 0.00	29.30 1.74 0.00	31.43 1.95 0.00	29.08 1.88 0.00	25.24 1.70 0.00	23.41 1.57 0.00	21.64 1.34 0.00
E_CANADA_MHWK_HY 24050	18.62 -0.56 0.00	18.12 -0.60 0.00	17.22 -0.53 0.00	16.64 -0.44 0.00	17.45 -0.38 0.00	18.90 -0.33 0.00	22.54 -0.37 0.00	26.20 -0.40 0.00	25.04 -0.43 0.00	23.78 -0.39 0.00	23.31 -0.33 0.00	23.46 -0.31 0.00	22.55 -0.30 0.00	21.54 -0.31 0.00	21.11 -0.30 0.00	20.50 -0.29 0.00	22.76 -0.35 0.00	24.82 -0.33 0.00	27.15 -0.41 0.00	29.07 -0.41 0.00	26.80 -0.41 0.00	23.24 -0.31 0.00	21.58 -0.26 0.00	20.03 -0.26 0.00
E_FISHKILL__LBMP 23776	19.48 0.31 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.41 0.50 0.00	27.24 0.64 0.00	26.18 0.71 0.00	24.78 0.60 0.00	24.21 0.57 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.37 0.52 0.00	21.94 0.54 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.87 0.73 0.00	28.42 0.85 0.00	30.28 0.80 0.00	27.88 0.68 0.00	24.06 0.52 0.00	22.36 0.52 0.00	20.77 0.47 0.00
FALCON__SEABRD_CC1 323796	19.90 0.73 0.00	19.45 0.73 0.00	18.43 0.67 0.00	17.72 0.63 0.00	18.54 0.71 0.00	19.98 0.75 0.00	23.78 0.87 0.00	27.24 0.64 0.00	25.98 0.51 0.00	24.70 0.53 0.00	24.63 0.99 0.00	24.65 0.88 0.00	23.44 0.59 0.00	22.46 0.61 0.00	21.96 0.56 0.00	21.28 0.50 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.33 0.77 0.00	30.34 0.86 0.00	28.05 0.84 0.00	24.28 0.73 0.00	22.43 0.59 0.00	20.89 0.59 0.00
FALCON__SEABRD_CC2 323797	19.90 0.73 0.00	19.45 0.73 0.00	18.43 0.67 0.00	17.72 0.63 0.00	18.54 0.71 0.00	19.98 0.75 0.00	23.78 0.87 0.00	27.24 0.64 0.00	25.98 0.51 0.00	24.70 0.53 0.00	24.63 0.99 0.00	24.65 0.88 0.00	23.44 0.59 0.00	22.46 0.61 0.00	21.96 0.56 0.00	21.28 0.50 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.33 0.77 0.00	30.34 0.86 0.00	28.05 0.84 0.00	24.28 0.73 0.00	22.43 0.59 0.00	20.89 0.59 0.00

FAR ROCKAWAY___4 23548	20.00 0.82 0.00	19.43 0.71 0.00	18.39 0.64 0.00	17.66 0.58 0.00	18.41 0.59 0.00	20.08 0.85 0.00	26.94 1.24 -2.80	28.85 1.54 -0.70	28.30 1.55 -1.27	27.73 1.43 -2.13	24.99 1.35 0.00	25.19 1.43 0.00	24.29 1.44 0.00	23.09 1.25 0.00	23.57 1.26 -0.90	23.92 1.29 -1.85	24.56 1.46 0.00	26.68 1.53 0.00	29.19 1.63 0.00	31.25 1.77 0.00	28.70 1.50 0.00	25.37 1.37 -0.46	23.96 1.33 -0.79	22.06 1.20 -0.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.56 0.38 0.00	19.02 0.30 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.59 0.69 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.04 0.87 0.00	24.49 0.85 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.17 1.06 0.00	26.22 1.08 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.26 1.06 0.00	24.32 0.78 0.00	22.69 0.85 0.00	21.05 0.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.56 0.38 0.00	19.02 0.30 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.04 0.87 0.00	24.49 0.85 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.26 1.06 0.00	24.30 0.75 0.00	22.69 0.85 0.00	21.05 0.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.57 0.66 0.00	27.48 0.88 0.00	26.44 0.97 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.24 1.03 0.00	24.28 0.73 0.00	22.67 0.83 0.00	21.03 0.73 0.00
FARRAGUT___LBMP 323566	19.54 0.36 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.95 0.12 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
FENNER___WINDPWR 24204	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.35 0.00	17.43 0.34 0.00	18.21 0.39 0.00	19.69 0.46 0.00	23.39 0.48 0.00	27.21 0.61 0.00	25.95 0.48 0.00	24.61 0.44 0.00	24.07 0.43 0.00	24.20 0.43 0.00	23.28 0.43 0.00	22.22 0.37 0.00	21.75 0.34 0.00	21.16 0.37 0.00	23.50 0.39 0.00	25.57 0.43 0.00	28.00 0.44 0.00	30.10 0.62 0.00	27.77 0.57 0.00	24.04 0.50 0.00	22.30 0.46 0.00	20.71 0.41 0.00
FIBERTEK___ENERGY 23856	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
FITZPATRICK___ 23598	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.47 -0.36 0.00	18.86 -0.37 0.00	22.24 -0.66 0.00	25.80 -0.80 0.00	24.65 -0.82 0.00	23.42 -0.75 0.00	22.91 -0.73 0.00	23.03 -0.74 0.00	22.17 -0.68 0.00	21.17 -0.68 0.00	20.75 -0.66 0.00	20.14 -0.64 0.00	22.43 -0.67 0.00	24.41 -0.73 0.00	26.76 -0.80 0.00	28.63 -0.86 0.00	26.47 -0.73 0.00	22.91 -0.63 0.00	21.27 -0.57 0.00	19.77 -0.53 0.00
FLOWRFLD_69_KV_BK1 356044	20.19 1.02 0.00	19.58 0.86 0.00	18.57 0.82 0.00	17.82 0.73 0.00	18.61 0.78 0.00	20.31 1.08 0.00	27.21 1.51 -2.80	29.17 1.86 -0.70	28.58 1.83 -1.27	27.97 1.67 -2.13	25.18 1.54 0.00	25.38 1.62 0.00	24.52 1.67 0.00	23.31 1.46 0.00	23.78 1.48 -0.90	24.11 1.48 -1.85	24.77 1.66 0.00	26.95 1.81 0.00	29.30 1.74 0.00	31.40 1.92 0.00	28.81 1.60 0.00	25.60 1.60 -0.46	24.17 1.55 -0.79	22.26 1.40 -0.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.69 0.52 0.00	19.17 0.45 0.00	18.12 0.37 0.00	17.46 0.38 0.00	18.16 0.34 0.00	19.73 0.50 0.00	23.66 0.76 0.00	27.56 0.96 0.00	26.44 0.97 0.00	25.04 0.87 0.00	24.45 0.80 0.00	24.60 0.83 0.00	23.70 0.85 0.00	22.57 0.72 0.00	22.12 0.71 0.00	21.49 0.71 0.00	24.01 0.90 0.00	26.12 0.98 0.00	28.72 1.16 0.00	30.63 1.15 0.00	28.24 1.03 0.00	24.35 0.80 0.00	22.58 0.74 0.00	20.99 0.69 0.00
FORT ORANGE___ 23900	19.63 0.46 0.00	19.15 0.43 0.00	18.18 0.43 0.00	17.49 0.41 0.00	18.23 0.41 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.34 0.74 0.00	26.26 0.79 0.00	24.90 0.72 0.00	24.28 0.64 0.00	24.41 0.64 0.00	23.44 0.59 0.00	22.42 0.57 0.00	21.96 0.56 0.00	21.31 0.52 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.33 0.77 0.00	30.25 0.77 0.00	27.91 0.71 0.00	24.16 0.61 0.00	22.38 0.55 0.00	20.77 0.47 0.00
FORT_DRUM_COGEN 23780	18.93 -0.25 0.00	18.46 -0.26 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.63 -0.20 0.00	19.06 -0.17 0.00	22.63 -0.27 0.00	26.44 -0.16 0.00	25.09 -0.38 0.00	23.71 -0.46 0.00	23.15 -0.50 0.00	23.24 -0.52 0.00	22.28 -0.57 0.00	21.26 -0.59 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.64 -0.46 0.00	24.79 -0.35 0.00	27.20 -0.36 0.00	29.48 0.00 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.79 -0.04 0.00	20.14 -0.16 0.00
FOX_HILLS___ESR 323835	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.02 0.20 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.97 0.80 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.24 1.13 0.00	26.27 1.13 0.00	28.91 1.35 0.00	30.66 1.18 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.19 0.89 0.00
FPL_FAR_ROCK_GT1 24212	19.94 0.77 0.00	19.40 0.67 0.00	18.39 0.64 0.00	17.65 0.56 0.00	18.41 0.59 0.00	19.87 0.63 -0.01	26.94 1.24 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.73 1.43 -2.14	25.00 1.35 -0.01	25.20 1.43 -0.01	24.09 1.23 -0.01	23.10 1.24 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.68 1.53 0.00	29.19 1.63 0.00	31.25 1.77 0.00	28.67 1.47 0.00	25.38 1.37 -0.46	23.94 1.31 -0.79	22.05 1.18 -0.57
FPL_FAR_ROCK_GT2 23815	19.94 0.77 0.00	19.40 0.67 0.00	18.39 0.64 0.00	17.65 0.56 0.00	18.41 0.59 0.00	19.87 0.63 -0.01	26.94 1.24 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.73 1.43 -2.14	25.00 1.35 -0.01	25.20 1.43 -0.01	24.09 1.23 -0.01	23.10 1.24 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.68 1.53 0.00	29.19 1.63 0.00	31.25 1.77 0.00	28.67 1.47 0.00	25.38 1.37 -0.46	23.94 1.31 -0.79	22.05 1.18 -0.57

FRANKLIN_FALL_HYD 24054	19.58 0.40 0.00	19.14 0.41 0.00	18.12 0.37 0.00	17.43 0.34 0.00	18.23 0.41 0.00	19.67 0.44 0.00	23.43 0.53 0.00	27.13 0.53 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.33 0.69 0.00	24.36 0.59 0.00	23.19 0.34 0.00	22.22 0.37 0.00	21.97 0.56 0.00	21.24 0.46 0.00	23.73 0.62 0.00	25.60 0.45 0.00	27.98 0.41 0.00	30.10 0.62 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.14 0.31 0.00	20.62 0.32 0.00
FREEPORT_EQUS_GT1 23764	19.88 0.71 0.00	19.34 0.62 0.00	18.34 0.58 0.00	17.60 0.51 0.00	18.36 0.53 0.00	19.82 0.58 -0.01	26.88 1.17 -2.80	28.77 1.46 -0.71	28.20 1.45 -1.28	27.61 1.30 -2.14	24.90 1.25 -0.01	25.11 1.33 -0.01	23.96 1.10 -0.01	23.01 1.16 -0.01	23.51 1.20 -0.91	23.85 1.21 -1.86	24.44 1.34 0.00	26.60 1.46 0.00	29.05 1.49 0.00	31.11 1.62 0.00	28.53 1.33 0.00	25.28 1.27 -0.46	23.85 1.22 -0.79	21.97 1.10 -0.57
FREEPORT___CT2 23818	19.88 0.71 0.00	19.34 0.62 0.00	18.34 0.58 0.00	17.60 0.51 0.00	18.36 0.53 0.00	19.82 0.58 -0.01	26.88 1.17 -2.80	28.77 1.46 -0.71	28.20 1.45 -1.28	27.61 1.30 -2.14	24.90 1.25 -0.01	25.11 1.33 -0.01	23.96 1.10 -0.01	23.01 1.16 -0.01	23.51 1.20 -0.91	23.85 1.21 -1.86	24.44 1.34 0.00	26.60 1.46 0.00	29.05 1.49 0.00	31.11 1.62 0.00	28.53 1.33 0.00	25.28 1.27 -0.46	23.85 1.22 -0.79	21.97 1.10 -0.57
FRESHKLS_33_KV_LOAD 356253	19.69 0.52 0.00	19.12 0.39 0.00	18.05 0.30 0.00	17.36 0.27 0.00	18.04 0.21 0.00	19.67 0.44 0.00	23.52 0.62 0.00	27.42 0.82 0.00	26.34 0.87 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.58 0.81 0.00	23.74 0.89 0.00	22.57 0.72 0.00	22.12 0.71 0.00	21.56 0.77 0.00	24.21 1.11 0.00	26.25 1.11 0.00	28.89 1.32 0.00	30.52 1.03 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.21 0.91 0.00
FULTON COGEN____ 23766	18.85 -0.33 0.00	18.44 -0.28 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	18.88 -0.35 0.00	22.40 -0.50 0.00	26.01 -0.59 0.00	24.83 -0.64 0.00	23.62 -0.56 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.28 -0.57 0.00	21.37 -0.48 0.00	20.92 -0.49 0.00	20.33 -0.46 0.00	22.67 -0.44 0.00	24.67 -0.48 0.00	27.04 -0.52 0.00	28.92 -0.56 0.00	26.74 -0.46 0.00	23.17 -0.38 0.00	21.49 -0.35 0.00	19.99 -0.30 0.00
FULTON___LFGE 323630	20.86 1.69 0.00	20.39 1.67 0.00	19.22 1.47 0.00	18.50 1.42 0.00	19.35 1.53 0.00	20.88 1.65 0.00	25.22 2.31 0.00	29.34 2.74 0.00	28.02 2.55 0.00	26.35 2.18 0.00	25.75 2.10 0.00	25.93 2.16 0.00	24.98 2.13 0.00	23.77 1.92 0.00	23.14 1.73 0.00	22.55 1.77 0.00	25.28 2.17 0.00	27.58 2.44 0.00	30.38 2.81 0.00	32.52 3.04 0.00	30.19 2.99 0.00	26.09 2.54 0.00	24.17 2.34 0.00	22.29 1.99 0.00
G.F.CEMENT___DRP 24184	19.81 0.63 0.00	19.36 0.64 0.00	18.30 0.55 0.00	17.61 0.53 0.00	18.36 0.53 0.00	19.81 0.58 0.00	23.82 0.92 0.00	27.80 1.20 0.00	26.74 1.27 0.00	25.33 1.16 0.00	24.78 1.13 0.00	24.81 1.05 0.00	23.92 1.07 0.00	22.77 0.92 0.00	22.24 0.83 0.00	21.56 0.77 0.00	24.05 0.95 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.72 1.24 0.00	28.40 1.20 0.00	24.56 1.01 0.00	22.73 0.90 0.00	21.05 0.75 0.00
GARDENVILLE___LBMP 24039	18.54 -0.63 0.00	18.31 -0.41 0.00	17.48 -0.27 0.00	16.74 -0.34 0.00	17.66 -0.16 0.00	18.62 -0.62 0.00	21.97 -0.94 0.00	24.87 -1.73 0.00	23.46 -2.01 0.00	22.50 -1.67 0.00	21.87 -1.77 0.00	21.98 -1.78 0.00	20.93 -1.92 0.00	20.54 -1.31 0.00	20.19 -1.22 0.00	19.60 -1.18 0.00	21.30 -1.80 0.00	23.23 -1.91 0.00	25.50 -2.07 0.00	27.24 -2.24 0.00	25.52 -1.69 0.00	22.16 -1.39 0.00	20.70 -1.14 0.00	19.53 -0.77 0.00
GARDNVLA_35_KV_LD 355827	18.66 -0.52 0.00	18.42 -0.30 0.00	17.59 -0.16 0.00	16.86 -0.22 0.00	17.77 -0.05 0.00	18.73 -0.50 0.00	22.10 -0.80 0.00	25.03 -1.57 0.00	23.61 -1.86 0.00	22.65 -1.52 0.00	22.01 -1.63 0.00	22.15 -1.62 0.00	21.07 -1.78 0.00	20.67 -1.18 0.00	20.32 -1.09 0.00	19.73 -1.06 0.00	21.44 -1.66 0.00	23.36 -1.79 0.00	25.66 -1.90 0.00	27.39 -2.09 0.00	25.68 -1.52 0.00	22.27 -1.27 0.00	20.83 -1.00 0.00	19.65 -0.65 0.00
GELCKHM___115KV_LOAD 80723	19.06 -0.12 0.00	18.65 -0.07 0.00	17.70 -0.05 0.00	17.03 -0.05 0.00	17.80 -0.02 0.00	19.10 -0.13 0.00	22.68 -0.23 0.00	26.31 -0.29 0.00	25.11 -0.36 0.00	23.88 -0.29 0.00	23.38 -0.26 0.00	23.51 -0.26 0.00	22.53 -0.32 0.00	21.61 -0.24 0.00	21.17 -0.24 0.00	20.62 -0.17 0.00	22.97 -0.14 0.00	24.84 -0.30 0.00	27.23 -0.33 0.00	29.13 -0.35 0.00	26.93 -0.27 0.00	23.31 -0.24 0.00	21.64 -0.20 0.00	20.12 -0.18 0.00
GENERAL___MILLS 23808	18.62 -0.56 0.00	18.39 -0.34 0.00	17.56 -0.20 0.00	16.81 -0.27 0.00	17.73 -0.09 0.00	18.69 -0.54 0.00	22.06 -0.85 0.00	24.98 -1.62 0.00	23.56 -1.91 0.00	22.60 -1.57 0.00	21.96 -1.68 0.00	22.08 -1.69 0.00	21.02 -1.83 0.00	20.60 -1.25 0.00	20.25 -1.16 0.00	19.68 -1.10 0.00	21.40 -1.71 0.00	23.31 -1.84 0.00	25.61 -1.96 0.00	27.33 -2.15 0.00	25.60 -1.60 0.00	22.23 -1.32 0.00	20.79 -1.05 0.00	19.61 -0.69 0.00
GE_PLASTICS___DRP 24183	19.50 0.33 0.00	19.02 0.30 0.00	18.03 0.28 0.00	17.36 0.27 0.00	18.07 0.25 0.00	19.54 0.31 0.00	23.34 0.44 0.00	27.13 0.53 0.00	26.06 0.59 0.00	24.70 0.53 0.00	24.11 0.47 0.00	24.22 0.45 0.00	23.33 0.48 0.00	22.26 0.42 0.00	21.82 0.41 0.00	21.18 0.39 0.00	23.59 0.49 0.00	25.67 0.53 0.00	28.14 0.58 0.00	30.02 0.53 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.21 0.37 0.00	20.62 0.32 0.00
GILBOA___1 23756	19.35 0.17 0.00	18.89 0.17 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.20 0.30 0.00	26.97 0.37 0.00	25.85 0.38 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.10 0.33 0.00	23.15 0.30 0.00	22.15 0.31 0.00	21.71 0.30 0.00	21.08 0.29 0.00	23.45 0.35 0.00	25.54 0.40 0.00	28.11 0.55 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.90 0.35 0.00	22.16 0.33 0.00	20.58 0.28 0.00
GILBOA___2 23757	19.35 0.17 0.00	18.89 0.17 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.20 0.30 0.00	26.97 0.37 0.00	25.85 0.38 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.10 0.33 0.00	23.15 0.30 0.00	22.15 0.31 0.00	21.71 0.30 0.00	21.08 0.29 0.00	23.45 0.35 0.00	25.54 0.40 0.00	28.11 0.55 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.90 0.35 0.00	22.16 0.33 0.00	20.58 0.28 0.00
GILBOA___3 23758	19.35 0.17 0.00	18.89 0.17 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.20 0.30 0.00	26.97 0.37 0.00	25.85 0.38 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.10 0.33 0.00	23.15 0.30 0.00	22.15 0.31 0.00	21.71 0.30 0.00	21.08 0.29 0.00	23.45 0.35 0.00	25.54 0.40 0.00	27.92 0.36 0.00	29.84 0.36 0.00	27.53 0.33 0.00	23.81 0.26 0.00	22.10 0.26 0.00	20.52 0.22 0.00

GILBOA___4 23759	19.35 0.17 0.00	18.89 0.17 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.20 0.30 0.00	26.97 0.37 0.00	25.85 0.38 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.10 0.33 0.00	23.15 0.30 0.00	22.15 0.31 0.00	21.71 0.30 0.00	21.08 0.29 0.00	23.45 0.35 0.00	25.54 0.40 0.00	27.92 0.36 0.00	29.84 0.36 0.00	27.53 0.33 0.00	23.81 0.26 0.00	22.10 0.26 0.00	20.52 0.22 0.00
GILBOA____ 23599	19.37 0.19 0.00	18.91 0.19 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.42 0.19 0.00	23.20 0.30 0.00	26.97 0.37 0.00	25.88 0.41 0.00	24.53 0.36 0.00	23.97 0.33 0.00	24.10 0.33 0.00	23.19 0.34 0.00	22.15 0.31 0.00	21.71 0.30 0.00	21.08 0.29 0.00	23.47 0.37 0.00	25.55 0.40 0.00	27.92 0.36 0.00	29.84 0.35 0.00	27.53 0.33 0.00	23.81 0.26 0.00	22.10 0.26 0.00	20.52 0.22 0.00
GINNA____ 23603	17.89 -1.28 0.00	17.54 -1.18 0.00	16.58 -1.17 0.00	15.97 -1.11 0.00	16.68 -1.14 0.00	18.10 -1.13 0.00	21.10 -1.81 0.00	24.47 -2.13 0.00	23.38 -2.09 0.00	22.24 -1.93 0.00	21.68 -1.96 0.00	21.77 -2.00 0.00	21.04 -1.81 0.00	20.10 -1.75 0.00	19.70 -1.71 0.00	19.14 -1.64 0.00	21.16 -1.94 0.00	22.98 -2.16 0.00	25.16 -2.40 0.00	27.07 -2.42 0.00	25.11 -2.09 0.00	21.73 -1.81 0.00	20.20 -1.64 0.00	18.84 -1.46 0.00
GLEN PARK____ 23778	18.98 -0.19 0.00	18.50 -0.22 0.00	17.52 -0.23 0.00	16.88 -0.20 0.00	17.64 -0.18 0.00	19.14 -0.10 0.00	22.65 -0.25 0.00	26.49 -0.11 0.00	25.14 -0.33 0.00	23.74 -0.43 0.00	23.14 -0.50 0.00	23.24 -0.52 0.00	22.30 -0.55 0.00	21.26 -0.59 0.00	20.81 -0.60 0.00	20.27 -0.52 0.00	22.64 -0.46 0.00	24.84 -0.30 0.00	27.23 -0.33 0.00	29.57 0.09 0.00	27.26 0.05 0.00	23.59 0.05 0.00	21.86 0.02 0.00	20.20 -0.10 0.00
GLENDALE_27_KV_LOAD 356172	19.67 0.50 0.00	19.12 0.39 0.00	18.05 0.30 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.69 0.46 0.00	23.62 0.71 0.00	27.56 0.96 0.00	26.51 1.04 0.00	25.09 0.92 0.00	24.54 0.90 0.00	24.74 0.97 0.00	23.88 1.03 0.00	22.70 0.85 0.00	22.24 0.83 0.00	21.66 0.87 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.78 1.30 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.19 0.89 0.00
GLENWOOD_IC_1_G5 23712	19.98 0.81 0.00	19.40 0.67 0.00	18.37 0.62 0.00	17.63 0.55 0.00	18.39 0.57 0.00	20.06 0.83 0.00	26.91 1.21 -2.80	28.85 1.54 -0.70	28.30 1.55 -1.27	27.70 1.40 -2.13	24.99 1.35 0.00	25.22 1.45 0.00	24.31 1.46 0.00	23.12 1.27 0.00	23.59 1.28 -0.90	23.92 1.29 -1.85	24.54 1.43 0.00	26.68 1.53 0.00	29.16 1.60 0.00	31.19 1.71 0.00	28.67 1.47 0.00	25.32 1.32 -0.46	23.89 1.27 -0.79	22.00 1.14 -0.56
GLENWOOD_IC_2_G1 23688	19.86 0.69 0.00	19.34 0.62 0.00	18.34 0.58 0.00	17.60 0.51 0.00	18.36 0.53 0.00	19.82 0.58 -0.01	26.85 1.14 -2.80	28.77 1.46 -0.71	28.20 1.45 -1.28	27.66 1.35 -2.14	24.93 1.28 -0.01	25.15 1.38 -0.01	24.02 1.16 -0.01	23.06 1.20 -0.01	23.53 1.22 -0.91	23.89 1.25 -1.86	24.49 1.39 0.00	26.63 1.48 0.00	29.10 1.54 0.00	31.13 1.65 0.00	28.56 1.36 0.00	25.28 1.27 -0.46	23.85 1.22 -0.79	21.97 1.10 -0.57
GLENWOOD_IC_3_G1 23689	19.86 0.69 0.00	19.34 0.62 0.00	18.34 0.58 0.00	17.60 0.51 0.00	18.36 0.53 0.00	19.82 0.58 -0.01	26.85 1.14 -2.80	28.77 1.46 -0.71	28.20 1.45 -1.28	27.66 1.35 -2.14	24.93 1.28 -0.01	25.15 1.38 -0.01	24.02 1.16 -0.01	23.06 1.20 -0.01	23.53 1.22 -0.91	23.89 1.25 -1.86	24.49 1.39 0.00	26.63 1.48 0.00	29.10 1.54 0.00	31.13 1.65 0.00	28.56 1.36 0.00	25.28 1.27 -0.46	23.85 1.22 -0.79	21.97 1.10 -0.57
GLENWOOD___4 23550	19.98 0.81 0.00	19.40 0.67 0.00	18.37 0.62 0.00	17.63 0.55 0.00	18.39 0.57 0.00	20.06 0.83 0.00	26.91 1.21 -2.80	28.85 1.54 -0.70	28.30 1.55 -1.27	27.70 1.40 -2.13	24.99 1.35 0.00	25.22 1.45 0.00	24.31 1.46 0.00	23.12 1.27 0.00	23.59 1.28 -0.90	23.92 1.29 -1.85	24.54 1.43 0.00	26.68 1.53 0.00	29.16 1.60 0.00	31.19 1.71 0.00	28.67 1.47 0.00	25.32 1.32 -0.46	23.89 1.27 -0.79	22.00 1.14 -0.56
GLENWOOD___5 23614	19.98 0.81 0.00	19.40 0.67 0.00	18.37 0.62 0.00	17.63 0.55 0.00	18.39 0.57 0.00	20.06 0.83 0.00	26.91 1.21 -2.80	28.85 1.54 -0.70	28.30 1.55 -1.27	27.70 1.40 -2.13	24.99 1.35 0.00	25.22 1.45 0.00	24.31 1.46 0.00	23.12 1.27 0.00	23.59 1.28 -0.90	23.92 1.29 -1.85	24.54 1.43 0.00	26.68 1.53 0.00	29.16 1.60 0.00	31.19 1.71 0.00	28.67 1.47 0.00	25.32 1.32 -0.46	23.89 1.27 -0.79	22.00 1.14 -0.56
GLOBAL GREEN_PORT_GT1 23814	20.57 1.40 0.00	20.00 1.27 0.00	19.03 1.28 0.00	18.19 1.11 0.00	19.03 1.21 0.00	20.49 1.25 -0.01	27.77 2.06 -2.80	29.87 2.55 -0.71	29.17 2.42 -1.28	28.51 2.20 -2.14	25.68 2.03 -0.01	25.87 2.09 -0.01	24.37 1.51 -0.01	23.65 1.79 -0.01	24.09 1.78 -0.91	24.45 1.81 -1.86	25.09 1.99 0.00	27.43 2.29 0.00	29.63 2.07 0.00	31.93 2.45 0.00	29.22 2.01 0.00	26.22 2.21 -0.46	24.81 2.18 -0.79	22.86 1.99 -0.57
GLOBE___DSASP 323697	17.72 -1.46 0.00	17.53 -1.20 0.00	16.72 -1.03 0.00	16.04 -1.04 0.00	16.90 -0.93 0.00	17.77 -1.46 0.00	20.87 -2.04 0.00	23.62 -2.98 0.00	22.31 -3.16 0.00	21.44 -2.73 0.00	20.80 -2.84 0.00	20.92 -2.85 0.00	19.90 -2.95 0.00	19.60 -2.25 0.00	19.25 -2.16 0.00	18.69 -2.10 0.00	20.33 -2.77 0.00	22.10 -3.04 0.00	24.23 -3.34 0.00	25.86 -3.63 0.00	24.24 -2.97 0.00	21.07 -2.47 0.00	19.76 -2.07 0.00	18.63 -1.66 0.00
GOETHSLN___LBMP 323567	19.42 0.25 0.00	18.87 0.15 0.00	17.86 0.11 0.00	17.20 0.12 0.00	17.84 0.02 0.00	19.48 0.25 0.00	23.41 0.50 0.00	27.29 0.69 0.00	26.26 0.79 0.00	24.87 0.70 0.00	24.33 0.69 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.05 0.64 0.00	21.47 0.69 0.00	23.98 0.88 0.00	26.02 0.88 0.00	28.64 1.07 0.00	30.49 1.00 0.00	28.05 0.84 0.00	24.13 0.59 0.00	22.51 0.68 0.00	20.89 0.59 0.00
GOLAH___69_KV_TB 1_2 80279	18.71 -0.46 0.00	18.44 -0.28 0.00	17.57 -0.18 0.00	16.86 -0.22 0.00	17.68 -0.14 0.00	18.81 -0.42 0.00	22.26 -0.64 0.00	25.69 -0.90 0.00	24.37 -1.10 0.00	23.28 -0.89 0.00	22.60 -1.04 0.00	22.67 -1.09 0.00	21.59 -1.26 0.00	20.93 -0.92 0.00	20.49 -0.92 0.00	19.87 -0.91 0.00	21.81 -1.29 0.00	23.73 -1.41 0.00	26.02 -1.54 0.00	27.86 -1.62 0.00	25.95 -1.25 0.00	22.53 -1.01 0.00	20.94 -0.90 0.00	19.57 -0.73 0.00
GOODYEAR_LAKE_HYD 323669	19.83 0.65 0.00	19.34 0.62 0.00	18.32 0.57 0.00	17.63 0.55 0.00	18.41 0.59 0.00	19.92 0.69 0.00	23.84 0.94 0.00	27.80 1.20 0.00	26.54 1.07 0.00	25.16 0.99 0.00	24.56 0.92 0.00	24.72 0.95 0.00	23.76 0.91 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.58 0.79 0.00	23.96 0.85 0.00	26.07 0.93 0.00	28.55 0.99 0.00	30.69 1.21 0.00	28.32 1.12 0.00	24.51 0.97 0.00	22.75 0.92 0.00	21.11 0.81 0.00

GOUDEY___1 345031	19.40 0.23 0.00	18.99 0.26 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.12 0.30 0.00	19.44 0.21 0.00	23.20 0.30 0.00	26.81 0.21 0.00	25.50 0.03 0.00	24.24 0.07 0.00	23.71 0.07 0.00	23.84 0.07 0.00	22.87 0.02 0.00	21.96 0.11 0.00	21.54 0.13 0.00	20.89 0.10 0.00	23.15 0.05 0.00	25.19 0.05 0.00	27.64 0.08 0.00	29.60 0.12 0.00	27.39 0.19 0.00	23.71 0.16 0.00	22.01 0.17 0.00	20.54 0.24 0.00
GOUDEY___7 23579	19.42 0.25 0.00	19.00 0.28 0.00	18.03 0.28 0.00	17.32 0.24 0.00	18.14 0.32 0.00	19.46 0.23 0.00	23.23 0.32 0.00	26.84 0.24 0.00	25.52 0.05 0.00	24.27 0.10 0.00	23.74 0.09 0.00	23.86 0.10 0.00	22.90 0.05 0.00	21.98 0.13 0.00	21.56 0.15 0.00	20.93 0.15 0.00	23.17 0.07 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.63 0.15 0.00	27.42 0.22 0.00	23.73 0.19 0.00	22.03 0.20 0.00	20.56 0.26 0.00
GOUDEY___8 23580	19.40 0.23 0.00	18.99 0.26 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.12 0.30 0.00	19.44 0.21 0.00	23.20 0.30 0.00	26.81 0.21 0.00	25.50 0.03 0.00	24.24 0.07 0.00	23.71 0.07 0.00	23.84 0.07 0.00	22.87 0.02 0.00	21.96 0.11 0.00	21.54 0.13 0.00	20.89 0.10 0.00	23.15 0.05 0.00	25.19 0.05 0.00	27.64 0.08 0.00	29.60 0.12 0.00	27.39 0.19 0.00	23.71 0.16 0.00	22.01 0.17 0.00	20.54 0.24 0.00
GOWANUS_GT1_1 24077	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_2 24078	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_3 24079	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_4 24080	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_5 24084	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_6 24111	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_7 24112	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT1_8 24113	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_1 24114	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_2 24115	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_3 24116	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_4 24117	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00

GOWANUS_GT2_5 24118	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_6 24119	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_7 24120	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT2_8 24121	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_1 24122	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_2 24123	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_3 24124	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_4 24125	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_5 24126	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_6 24127	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_7 24128	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT3_8 24129	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_1 24130	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_2 24131	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_3 24132	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00

GOWANUS_GT4_4 24133	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_5 24134	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_6 24135	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_7 24136	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GOWANUS_GT4_8 24137	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GREENBSH_115KV_TB3 55895	19.58 0.40 0.00	19.12 0.39 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.14 0.32 0.00	19.63 0.40 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.18 0.71 0.00	24.82 0.65 0.00	24.23 0.59 0.00	24.34 0.57 0.00	23.44 0.59 0.00	22.37 0.52 0.00	21.90 0.49 0.00	21.26 0.48 0.00	23.68 0.58 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.07 0.59 0.00	27.75 0.54 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
GREENDGE_115KV_TB5 80291	19.92 0.75 0.00	19.51 0.79 0.00	18.50 0.75 0.00	17.80 0.72 0.00	18.68 0.86 0.00	19.98 0.75 0.00	24.00 1.10 0.00	27.90 1.30 0.00	26.36 0.89 0.00	25.07 0.89 0.00	24.59 0.95 0.00	24.74 0.97 0.00	23.65 0.80 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.53 0.75 0.00	23.84 0.74 0.00	25.80 0.65 0.00	28.39 0.83 0.00	30.52 1.03 0.00	28.26 1.06 0.00	24.46 0.92 0.00	22.67 0.83 0.00	21.13 0.83 0.00
GREENIDGE___3 23582	19.92 0.75 0.00	19.51 0.79 0.00	18.50 0.75 0.00	17.80 0.72 0.00	18.68 0.86 0.00	19.98 0.75 0.00	24.00 1.10 0.00	27.90 1.30 0.00	26.36 0.89 0.00	25.07 0.89 0.00	24.59 0.95 0.00	24.74 0.97 0.00	23.65 0.80 0.00	22.57 0.72 0.00	22.14 0.73 0.00	21.53 0.75 0.00	23.84 0.74 0.00	25.80 0.65 0.00	28.39 0.83 0.00	30.52 1.03 0.00	28.26 1.06 0.00	24.46 0.92 0.00	22.67 0.83 0.00	21.13 0.83 0.00
GREENIDGE___4 23583	20.00 0.82 0.00	19.59 0.86 0.00	18.50 0.75 0.00	17.80 0.72 0.00	18.68 0.86 0.00	20.19 0.96 0.00	24.00 1.10 0.00	27.90 1.30 0.00	26.39 0.92 0.00	25.07 0.89 0.00	24.59 0.95 0.00	24.74 0.97 0.00	23.77 0.91 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.53 0.75 0.00	23.87 0.76 0.00	25.80 0.65 0.00	28.39 0.83 0.00	30.54 1.06 0.00	28.29 1.09 0.00	24.46 0.92 0.00	22.67 0.83 0.00	21.17 0.87 0.00
GREENLWN_69_KV_BK 3 55738	20.11 0.94 0.00	19.53 0.81 0.00	18.50 0.75 0.00	17.75 0.67 0.00	18.52 0.70 0.00	20.21 0.98 0.00	27.08 1.37 -2.80	29.01 1.70 -0.70	28.45 1.71 -1.27	27.85 1.55 -2.13	25.11 1.47 0.00	25.31 1.54 0.00	24.45 1.60 0.00	23.25 1.40 0.00	23.72 1.41 -0.90	24.05 1.41 -1.85	24.70 1.59 0.00	26.85 1.71 0.00	29.30 1.74 0.00	31.37 1.89 0.00	28.81 1.60 0.00	25.49 1.48 -0.46	24.06 1.44 -0.79	22.16 1.30 -0.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
GRISSOM___SOLAR 323813	20.86 1.69 0.00	20.39 1.67 0.00	19.22 1.47 0.00	18.50 1.42 0.00	19.35 1.53 0.00	20.88 1.65 0.00	25.22 2.31 0.00	29.34 2.74 0.00	28.02 2.55 0.00	26.35 2.18 0.00	25.75 2.10 0.00	25.93 2.16 0.00	24.98 2.13 0.00	23.77 1.92 0.00	23.14 1.73 0.00	22.55 1.77 0.00	25.28 2.17 0.00	27.58 2.44 0.00	30.38 2.81 0.00	32.52 3.04 0.00	30.19 2.99 0.00	26.09 2.54 0.00	24.17 2.34 0.00	22.29 1.99 0.00
GROVEVILLE___HYD 323602	19.69 0.52 0.00	19.17 0.45 0.00	18.12 0.37 0.00	17.46 0.38 0.00	18.16 0.34 0.00	19.73 0.50 0.00	23.66 0.76 0.00	27.56 0.96 0.00	26.44 0.97 0.00	25.04 0.87 0.00	24.45 0.80 0.00	24.60 0.83 0.00	23.70 0.85 0.00	22.57 0.72 0.00	22.12 0.71 0.00	21.49 0.71 0.00	24.01 0.90 0.00	26.12 0.98 0.00	28.72 1.16 0.00	30.63 1.15 0.00	28.24 1.03 0.00	24.35 0.80 0.00	22.58 0.74 0.00	20.99 0.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
HAMLTNNY_34_KV_TB 80303	19.35 0.17 0.00	18.91 0.19 0.00	17.95 0.20 0.00	17.27 0.19 0.00	18.07 0.25 0.00	19.37 0.13 0.00	23.04 0.14 0.00	26.76 0.16 0.00	25.50 0.03 0.00	24.24 0.07 0.00	23.76 0.12 0.00	23.89 0.12 0.00	22.87 0.02 0.00	21.96 0.11 0.00	21.49 0.09 0.00	21.14 0.35 0.00	23.47 0.37 0.00	25.09 -0.05 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.20 0.00 0.00	23.57 0.02 0.00	21.86 0.02 0.00	20.32 0.02 0.00

HAMPSHIRE___PAPER_HYD 323593	18.66 -0.52 0.00	18.22 -0.50 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.92 -0.56 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	18.58 -0.59 0.00	18.09 -0.64 0.00	17.18 -0.57 0.00	16.62 -0.46 0.00	17.47 -0.36 0.00	18.94 -0.29 0.00	22.58 -0.32 0.00	26.23 -0.37 0.00	25.06 -0.41 0.00	23.81 -0.36 0.00	23.36 -0.28 0.00	23.53 -0.24 0.00	22.62 -0.23 0.00	21.61 -0.24 0.00	21.17 -0.24 0.00	20.56 -0.23 0.00	22.83 -0.28 0.00	24.87 -0.28 0.00	27.20 -0.36 0.00	29.13 -0.35 0.00	26.88 -0.33 0.00	23.31 -0.24 0.00	21.64 -0.20 0.00	20.10 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.58 0.40 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.04 0.21 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.40 0.80 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.46 0.69 0.00	23.58 0.73 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.43 0.64 0.00	23.89 0.79 0.00	26.00 0.85 0.00	28.58 1.02 0.00	30.52 1.03 0.00	28.13 0.92 0.00	24.23 0.68 0.00	22.49 0.66 0.00	20.89 0.59 0.00
HARSNRAD_115KV_TB1 81005	18.16 -1.02 0.00	17.96 -0.77 0.00	17.13 -0.62 0.00	16.42 -0.67 0.00	17.30 -0.52 0.00	18.21 -1.02 0.00	21.44 -1.47 0.00	24.31 -2.29 0.00	22.92 -2.55 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	20.43 -2.42 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.84 -2.26 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.60 -2.89 0.00	24.92 -2.28 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.10 -1.20 0.00
HARZA MOOSE___RIVER 24016	19.35 0.17 0.00	18.87 0.15 0.00	17.89 0.14 0.00	17.22 0.14 0.00	17.98 0.16 0.00	19.44 0.21 0.00	23.16 0.25 0.00	27.02 0.43 0.00	25.78 0.31 0.00	24.39 0.22 0.00	23.83 0.19 0.00	23.93 0.17 0.00	22.99 0.14 0.00	21.94 0.09 0.00	21.49 0.09 0.00	20.91 0.12 0.00	23.27 0.16 0.00	25.37 0.23 0.00	27.81 0.25 0.00	29.96 0.47 0.00	27.58 0.38 0.00	23.90 0.35 0.00	22.14 0.31 0.00	20.50 0.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.08 -0.10 0.00	18.67 -0.06 0.00	17.72 -0.04 0.00	17.03 -0.05 0.00	17.80 -0.02 0.00	19.12 -0.12 0.00	22.70 -0.21 0.00	26.33 -0.27 0.00	25.11 -0.36 0.00	23.88 -0.29 0.00	23.38 -0.26 0.00	23.53 -0.24 0.00	22.55 -0.30 0.00	21.63 -0.22 0.00	21.17 -0.24 0.00	20.58 -0.21 0.00	22.92 -0.18 0.00	24.87 -0.28 0.00	27.23 -0.33 0.00	29.13 -0.35 0.00	26.93 -0.27 0.00	23.33 -0.21 0.00	21.64 -0.20 0.00	20.14 -0.16 0.00
HELLGATE_13_KV_LD 55870	19.62 0.44 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.02 0.20 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.15 0.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.62 0.44 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.02 0.20 0.00	19.63 0.40 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.86 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.15 0.85 0.00
HEMPSTEAD____ 23647	19.79 0.61 0.00	19.25 0.52 0.00	18.25 0.50 0.00	17.51 0.43 0.00	18.27 0.45 0.00	19.72 0.48 -0.01	26.76 1.05 -2.80	28.64 1.33 -0.71	28.08 1.32 -1.28	27.54 1.23 -2.14	24.81 1.16 -0.01	25.01 1.24 -0.01	23.89 1.03 -0.01	22.95 1.09 -0.01	23.43 1.11 -0.91	23.76 1.12 -1.86	24.35 1.25 0.00	26.47 1.33 0.00	28.94 1.38 0.00	30.99 1.50 0.00	28.40 1.20 0.00	25.16 1.15 -0.46	23.74 1.11 -0.79	21.87 0.99 -0.57
HEWLETT__69_KV_BK3 55828	19.94 0.77 0.00	19.36 0.64 0.00	18.32 0.57 0.00	17.60 0.51 0.00	18.34 0.52 0.00	20.00 0.77 0.00	26.85 1.15 -2.80	28.74 1.44 -0.70	28.20 1.45 -1.27	27.60 1.31 -2.13	24.89 1.25 0.00	25.07 1.31 0.00	24.20 1.35 0.00	23.01 1.16 0.00	23.48 1.18 -0.90	23.84 1.21 -1.85	24.47 1.36 0.00	26.58 1.43 0.00	29.08 1.52 0.00	31.11 1.62 0.00	28.59 1.39 0.00	25.25 1.25 -0.46	23.85 1.22 -0.79	21.96 1.10 -0.56
HICKLING___1 23621	19.69 0.52 0.00	19.28 0.56 0.00	18.30 0.55 0.00	17.58 0.50 0.00	18.45 0.62 0.00	19.71 0.48 0.00	23.62 0.71 0.00	27.24 0.64 0.00	25.75 0.28 0.00	24.53 0.36 0.00	24.02 0.38 0.00	24.17 0.40 0.00	23.15 0.30 0.00	22.26 0.42 0.00	21.84 0.43 0.00	21.20 0.42 0.00	23.38 0.28 0.00	25.47 0.33 0.00	28.00 0.44 0.00	30.04 0.56 0.00	27.86 0.65 0.00	24.11 0.57 0.00	22.38 0.55 0.00	20.93 0.63 0.00
HICKLING___2 23622	19.69 0.52 0.00	19.28 0.56 0.00	18.30 0.55 0.00	17.58 0.50 0.00	18.45 0.62 0.00	19.71 0.48 0.00	23.62 0.71 0.00	27.24 0.64 0.00	25.75 0.28 0.00	24.53 0.36 0.00	24.02 0.38 0.00	24.17 0.40 0.00	23.15 0.30 0.00	22.26 0.42 0.00	21.84 0.43 0.00	21.20 0.42 0.00	23.38 0.28 0.00	25.47 0.33 0.00	28.00 0.44 0.00	30.04 0.56 0.00	27.86 0.65 0.00	24.11 0.57 0.00	22.38 0.55 0.00	20.93 0.63 0.00
HIGH FALLS___HY 23754	19.63 0.46 0.00	19.12 0.39 0.00	18.07 0.32 0.00	17.39 0.31 0.00	18.09 0.27 0.00	19.69 0.46 0.00	23.64 0.73 0.00	27.50 0.90 0.00	26.34 0.87 0.00	24.90 0.73 0.00	24.26 0.61 0.00	24.43 0.67 0.00	23.56 0.71 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.41 0.62 0.00	23.89 0.79 0.00	26.02 0.88 0.00	28.66 1.10 0.00	30.63 1.15 0.00	28.21 1.01 0.00	24.30 0.75 0.00	22.56 0.72 0.00	20.95 0.65 0.00
HILLBURN___GT 23639	19.46 0.29 0.00	18.97 0.24 0.00	17.98 0.23 0.00	17.27 0.19 0.00	17.98 0.16 0.00	19.40 0.17 0.00	23.52 0.62 0.00	27.37 0.77 0.00	26.23 0.76 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.46 0.69 0.00	23.47 0.62 0.00	22.44 0.59 0.00	22.03 0.62 0.00	21.43 0.65 0.00	23.89 0.79 0.00	26.00 0.86 0.00	28.55 0.99 0.00	30.52 1.03 0.00	28.05 0.84 0.00	24.18 0.64 0.00	22.47 0.63 0.00	20.85 0.55 0.00
HILLSIDE_115KV_TB1 80332	19.40 0.23 0.00	19.00 0.28 0.00	18.03 0.28 0.00	17.32 0.24 0.00	18.18 0.36 0.00	19.42 0.19 0.00	23.23 0.32 0.00	26.76 0.16 0.00	25.32 -0.15 0.00	24.10 -0.07 0.00	23.55 -0.09 0.00	23.70 -0.07 0.00	22.71 -0.14 0.00	21.85 0.00 0.00	21.45 0.04 0.00	20.83 0.04 0.00	22.97 -0.14 0.00	25.02 -0.13 0.00	27.51 -0.06 0.00	29.51 0.03 0.00	27.34 0.14 0.00	23.66 0.12 0.00	21.97 0.13 0.00	20.56 0.26 0.00

HISHELDN_WT_PWR 323625	18.64 -0.54 0.00	18.39 -0.34 0.00	17.34 -0.41 0.00	16.69 -0.39 0.00	17.52 -0.30 0.00	19.10 -0.13 0.00	21.78 -1.12 0.00	24.68 -1.92 0.00	23.46 -2.01 0.00	22.36 -1.81 0.00	21.73 -1.91 0.00	21.84 -1.92 0.00	21.34 -1.51 0.00	20.41 -1.44 0.00	20.06 -1.35 0.00	19.48 -1.31 0.00	21.21 -1.89 0.00	23.06 -2.09 0.00	25.33 -2.23 0.00	27.18 -2.30 0.00	25.41 -1.80 0.00	21.99 -1.55 0.00	20.57 -1.27 0.00	19.53 -0.77 0.00
HOLTSVILLE_IC_1 23690	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
HOLTSVILLE_IC_10 23699	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.88 1.73 0.00	29.13 1.57 0.00	31.28 1.80 0.00	28.62 1.41 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
HOLTSVILLE_IC_2 23691	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
HOLTSVILLE_IC_3 23692	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
HOLTSVILLE_IC_4 23693	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
HOLTSVILLE_IC_5 23694	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
HOLTSVILLE_IC_6 23695	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.88 1.73 0.00	29.13 1.57 0.00	31.28 1.80 0.00	28.62 1.41 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
HOLTSVILLE_IC_7 23696	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.88 1.73 0.00	29.13 1.57 0.00	31.28 1.80 0.00	28.62 1.41 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
HOLTSVILLE_IC_8 23697	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.88 1.73 0.00	29.13 1.57 0.00	31.28 1.80 0.00	28.62 1.41 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
HOLTSVILLE_IC_9 23698	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.06 1.41 -1.86	24.68 1.57 0.00	26.88 1.73 0.00	29.13 1.57 0.00	31.28 1.80 0.00	28.62 1.41 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
HOMER_HL_115KV_TB2 355744	19.23 0.06 0.00	18.97 0.24 0.00	18.07 0.32 0.00	17.31 0.22 0.00	18.25 0.43 0.00	19.31 0.08 0.00	23.02 0.11 0.00	25.93 -0.66 0.00	24.30 -1.17 0.00	23.25 -0.92 0.00	22.60 -1.04 0.00	22.72 -1.05 0.00	21.71 -1.14 0.00	21.13 -0.72 0.00	20.81 -0.60 0.00	20.22 -0.56 0.00	21.97 -1.13 0.00	24.06 -1.08 0.00	26.49 -1.07 0.00	28.42 -1.06 0.00	26.50 -0.71 0.00	22.96 -0.59 0.00	21.38 -0.46 0.00	20.26 -0.04 0.00
HOWARD_WT_PWR 323690	19.85 0.67 0.00	19.43 0.71 0.00	18.34 0.58 0.00	17.67 0.58 0.00	18.54 0.71 0.00	20.08 0.85 0.00	23.84 0.94 0.00	27.64 1.04 0.00	26.16 0.69 0.00	24.94 0.77 0.00	24.45 0.80 0.00	24.62 0.85 0.00	23.70 0.85 0.00	22.63 0.79 0.00	22.18 0.77 0.00	21.53 0.75 0.00	23.82 0.72 0.00	25.92 0.78 0.00	28.53 0.96 0.00	30.72 1.24 0.00	28.48 1.28 0.00	24.63 1.08 0.00	22.82 0.98 0.00	21.35 1.05 0.00
HQ_GEN_CEDARS 23644	19.17 0.00 0.00	18.74 0.02 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.84 0.02 0.00	19.27 0.04 0.00	22.93 0.02 0.00	26.65 0.05 0.00	25.52 0.05 0.00	24.22 0.05 0.00	23.76 0.12 0.00	23.84 0.07 0.00	22.90 0.05 0.00	21.91 0.07 0.00	21.49 0.09 0.00	20.83 0.04 0.00	23.17 0.07 0.00	25.14 0.00 0.00	27.56 0.00 0.00	29.63 0.15 0.00	27.28 0.08 0.00	23.64 0.09 0.00	21.88 0.04 0.00	20.34 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.84 0.02 0.00	19.25 0.02 0.00	22.93 0.02 0.00	26.65 0.05 0.00	25.52 0.05 0.00	24.22 0.05 0.00	23.76 0.12 0.00	23.84 0.07 0.00	22.90 0.05 0.00	21.91 0.07 0.00	21.49 0.09 0.00	21.12 0.02 -0.31	22.86 0.07 0.31	25.14 0.00 0.00	27.56 0.00 0.00	29.57 0.09 0.00	27.28 0.08 0.00	23.64 0.09 0.00	21.88 0.04 0.00	20.34 0.04 0.00

HQ_GEN_IMPORT 323601	19.19 0.02 0.00	18.74 0.02 0.00	17.77 0.02 0.00	17.10 0.02 0.00	17.84 0.02 0.00	19.25 0.02 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.50 0.03 0.00	24.20 0.02 0.00	23.69 0.05 0.00	23.82 0.05 0.00	22.87 0.02 0.00	21.89 0.04 0.00	21.45 0.04 0.00	21.12 0.02 -0.31	22.81 0.02 0.31	25.14 0.00 0.00	27.59 0.03 0.00	29.54 0.06 0.00	27.26 0.05 0.00	23.59 0.05 0.00	21.86 0.02 0.00	20.34 0.04 0.00
HQ_GEN_WHEEL 23651	19.19 0.02 0.00	18.74 0.02 0.00	17.77 0.02 0.00	17.10 0.02 0.00	17.84 0.02 0.00	19.25 0.02 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.50 0.03 0.00	24.20 0.02 0.00	23.69 0.05 0.00	23.82 0.05 0.00	22.87 0.02 0.00	21.89 0.04 0.00	21.45 0.04 0.00	21.12 0.02 -0.31	22.81 0.02 0.31	25.14 0.00 0.00	27.59 0.03 0.00	29.54 0.06 0.00	27.26 0.05 0.00	23.59 0.05 0.00	21.86 0.02 0.00	20.34 0.04 0.00
HUDSON AVE_GT_3 23810	19.56 0.38 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.67 0.83 0.00	21.05 0.75 0.00
HUDSON AVE_GT_4 23540	19.56 0.38 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.67 0.83 0.00	21.05 0.75 0.00
HUDSON AVE_GT_5 23657	19.56 0.38 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.67 0.83 0.00	21.05 0.75 0.00
HUDSON_AVE_10 24168	19.50 0.33 0.00	18.95 0.22 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.91 0.09 0.00	19.58 0.35 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.44 0.97 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.72 1.24 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.64 0.81 0.00	21.01 0.71 0.00
HUDSON___115KV_TB 4 355613	19.86 0.69 0.00	19.40 0.67 0.00	18.35 0.60 0.00	17.68 0.60 0.00	18.43 0.61 0.00	19.92 0.69 0.00	23.82 0.92 0.00	27.69 1.09 0.00	26.54 1.07 0.00	25.11 0.94 0.00	24.45 0.80 0.00	24.58 0.81 0.00	23.67 0.82 0.00	22.59 0.74 0.00	22.12 0.71 0.00	21.45 0.67 0.00	23.96 0.85 0.00	26.10 0.96 0.00	28.66 1.10 0.00	30.61 1.12 0.00	28.29 1.09 0.00	24.46 0.92 0.00	22.64 0.81 0.00	21.01 0.71 0.00
HUNTER MOUNT___DRP 323613	20.00 0.82 0.00	19.53 0.81 0.00	18.48 0.73 0.00	17.78 0.70 0.00	18.55 0.73 0.00	20.06 0.83 0.00	24.00 1.10 0.00	27.88 1.28 0.00	26.67 1.20 0.00	25.21 1.04 0.00	24.54 0.90 0.00	24.65 0.88 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.16 0.75 0.00	21.47 0.69 0.00	24.01 0.90 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.75 1.27 0.00	28.45 1.25 0.00	24.63 1.08 0.00	22.75 0.92 0.00	21.13 0.83 0.00
HUNTINGTON_RES_REC 323705	20.06 0.88 0.00	19.51 0.79 0.00	18.51 0.76 0.00	17.75 0.67 0.00	18.54 0.71 0.00	20.01 0.77 -0.01	27.13 1.42 -2.80	29.07 1.76 -0.71	28.46 1.71 -1.28	27.88 1.57 -2.14	25.12 1.47 -0.01	25.32 1.54 -0.01	24.11 1.26 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.88 1.73 0.00	29.27 1.71 0.00	31.37 1.89 0.00	28.72 1.52 0.00	25.54 1.53 -0.46	24.09 1.46 -0.79	22.21 1.34 -0.57
HUNTLEY___63 23557	18.29 -0.88 0.00	18.09 -0.64 0.00	17.27 -0.48 0.00	16.54 -0.55 0.00	17.45 -0.37 0.00	18.37 -0.87 0.00	21.62 -1.28 0.00	24.50 -2.10 0.00	23.13 -2.34 0.00	22.21 -1.96 0.00	21.56 -2.08 0.00	21.70 -2.07 0.00	20.63 -2.22 0.00	20.28 -1.57 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.13 -2.07 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
HUNTLEY___64 23558	18.29 -0.88 0.00	18.09 -0.64 0.00	17.27 -0.48 0.00	16.54 -0.55 0.00	17.45 -0.37 0.00	18.37 -0.87 0.00	21.62 -1.28 0.00	24.50 -2.10 0.00	23.13 -2.34 0.00	22.21 -1.96 0.00	21.56 -2.08 0.00	21.70 -2.07 0.00	20.63 -2.22 0.00	20.28 -1.57 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.13 -2.07 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
HUNTLEY___65 23559	18.29 -0.88 0.00	18.09 -0.64 0.00	17.27 -0.48 0.00	16.54 -0.55 0.00	17.45 -0.37 0.00	18.37 -0.87 0.00	21.62 -1.28 0.00	24.50 -2.10 0.00	23.13 -2.34 0.00	22.21 -1.96 0.00	21.56 -2.08 0.00	21.70 -2.07 0.00	20.63 -2.22 0.00	20.28 -1.57 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.13 -2.07 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
HUNTLEY___66 23560	18.29 -0.88 0.00	18.09 -0.64 0.00	17.27 -0.48 0.00	16.54 -0.55 0.00	17.45 -0.37 0.00	18.37 -0.87 0.00	21.62 -1.28 0.00	24.50 -2.10 0.00	23.13 -2.34 0.00	22.21 -1.96 0.00	21.56 -2.08 0.00	21.70 -2.07 0.00	20.63 -2.22 0.00	20.28 -1.57 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.13 -2.07 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
HUNTLEY___67 23561	18.27 -0.90 0.00	18.07 -0.66 0.00	17.25 -0.50 0.00	16.54 -0.55 0.00	17.43 -0.39 0.00	18.37 -0.87 0.00	21.60 -1.31 0.00	24.47 -2.13 0.00	23.10 -2.37 0.00	22.19 -1.98 0.00	21.54 -2.10 0.00	21.68 -2.09 0.00	20.63 -2.22 0.00	20.25 -1.59 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.11 -2.09 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
HUNTLEY___68 23562	18.27 -0.90 0.00	18.07 -0.66 0.00	17.25 -0.50 0.00	16.54 -0.55 0.00	17.43 -0.39 0.00	18.37 -0.87 0.00	21.60 -1.31 0.00	24.47 -2.13 0.00	23.10 -2.37 0.00	22.19 -1.98 0.00	21.54 -2.10 0.00	21.68 -2.09 0.00	20.63 -2.22 0.00	20.25 -1.59 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.11 -2.09 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00

HYLAND___LFGE 323620	19.90 0.73 0.00	19.51 0.79 0.00	18.41 0.66 0.00	17.75 0.67 0.00	18.55 0.73 0.00	20.15 0.92 0.00	23.68 0.78 0.00	27.48 0.88 0.00	25.83 0.36 0.00	24.34 0.17 0.00	23.59 -0.05 0.00	23.70 -0.07 0.00	22.76 -0.09 0.00	21.70 -0.15 0.00	21.30 -0.11 0.00	20.81 0.02 0.00	23.15 0.05 0.00	25.34 0.20 0.00	28.08 0.52 0.00	30.43 0.94 0.00	28.34 1.14 0.00	24.51 0.97 0.00	22.69 0.85 0.00	21.17 0.87 0.00
INDECK___CORINTH 23802	19.71 0.54 0.00	19.25 0.52 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.67 0.44 0.00	23.71 0.80 0.00	27.66 1.07 0.00	26.62 1.15 0.00	25.23 1.06 0.00	24.68 1.04 0.00	24.69 0.93 0.00	23.77 0.91 0.00	22.68 0.83 0.00	22.14 0.73 0.00	21.47 0.68 0.00	23.94 0.83 0.00	26.05 0.90 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.65 0.81 0.00	20.95 0.65 0.00
INDECK___ILION 23567	19.02 -0.15 0.00	18.55 -0.17 0.00	17.59 -0.16 0.00	16.96 -0.12 0.00	17.73 -0.09 0.00	19.17 -0.06 0.00	22.86 -0.05 0.00	26.57 -0.03 0.00	25.42 -0.05 0.00	24.12 -0.05 0.00	23.59 -0.05 0.00	23.74 -0.02 0.00	22.85 0.00 0.00	21.80 -0.04 0.00	21.37 -0.04 0.00	20.77 -0.02 0.00	23.04 -0.07 0.00	25.09 -0.05 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.12 -0.08 0.00	23.50 -0.05 0.00	21.79 -0.04 0.00	20.24 -0.06 0.00
INDECK___OLEAN 23982	19.44 0.27 0.00	19.12 0.39 0.00	18.07 0.32 0.00	17.34 0.26 0.00	18.25 0.43 0.00	19.83 0.60 0.00	23.02 0.12 0.00	25.94 -0.66 0.00	24.40 -1.07 0.00	23.25 -0.92 0.00	22.60 -1.04 0.00	22.72 -1.05 0.00	22.05 -0.80 0.00	21.13 -0.72 0.00	20.81 -0.60 0.00	20.23 -0.56 0.00	22.00 -1.11 0.00	24.06 -1.08 0.00	26.49 -1.08 0.00	28.54 -0.94 0.00	26.55 -0.65 0.00	22.96 -0.59 0.00	21.38 -0.46 0.00	20.36 0.06 0.00
INDECK___OSWEGO 23783	18.85 -0.33 0.00	18.42 -0.30 0.00	17.47 -0.28 0.00	16.81 -0.27 0.00	17.55 -0.27 0.00	18.94 -0.29 0.00	22.36 -0.55 0.00	25.94 -0.66 0.00	24.78 -0.69 0.00	23.52 -0.65 0.00	23.03 -0.61 0.00	23.15 -0.62 0.00	22.28 -0.57 0.00	21.28 -0.57 0.00	20.85 -0.56 0.00	20.27 -0.52 0.00	22.57 -0.53 0.00	24.61 -0.53 0.00	26.98 -0.58 0.00	28.90 -0.59 0.00	26.68 -0.52 0.00	23.12 -0.42 0.00	21.44 -0.39 0.00	19.95 -0.35 0.00
INDECK___YERKES 23781	18.58 -0.59 0.00	18.31 -0.41 0.00	17.29 -0.46 0.00	16.64 -0.44 0.00	17.47 -0.36 0.00	19.04 -0.19 0.00	21.62 -1.28 0.00	24.52 -2.07 0.00	23.33 -2.14 0.00	22.24 -1.93 0.00	21.61 -2.03 0.00	21.70 -2.07 0.00	21.21 -1.65 0.00	20.30 -1.55 0.00	19.93 -1.48 0.00	19.35 -1.43 0.00	21.09 -2.01 0.00	22.90 -2.24 0.00	25.14 -2.43 0.00	26.98 -2.51 0.00	25.24 -1.96 0.00	21.85 -1.70 0.00	20.44 -1.40 0.00	19.39 -0.91 0.00
INDIAN POINT_GT_1 24139	19.52 0.35 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.56 0.33 0.00	23.48 0.57 0.00	27.37 0.77 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.48 0.71 0.00	23.60 0.75 0.00	22.46 0.61 0.00	22.05 0.64 0.00	21.45 0.67 0.00	23.94 0.83 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.07 0.87 0.00	24.18 0.64 0.00	22.49 0.66 0.00	20.87 0.57 0.00
INDIAN POINT_GT_2 23659	19.52 0.35 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.56 0.33 0.00	23.48 0.57 0.00	27.37 0.77 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.48 0.71 0.00	23.60 0.75 0.00	22.46 0.61 0.00	22.05 0.64 0.00	21.45 0.67 0.00	23.94 0.83 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.07 0.87 0.00	24.18 0.64 0.00	22.49 0.66 0.00	20.87 0.57 0.00
INDIAN POINT_GT_3 24019	19.52 0.35 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.56 0.33 0.00	23.48 0.57 0.00	27.37 0.77 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.48 0.71 0.00	23.60 0.75 0.00	22.46 0.61 0.00	22.05 0.64 0.00	21.45 0.67 0.00	23.94 0.83 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.07 0.87 0.00	24.18 0.64 0.00	22.49 0.66 0.00	20.87 0.57 0.00
INDIAN POINT___2 23530	19.44 0.27 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.96 0.14 0.00	19.38 0.15 0.00	23.48 0.57 0.00	27.34 0.74 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.46 0.69 0.00	23.47 0.62 0.00	22.44 0.59 0.00	22.01 0.60 0.00	21.43 0.65 0.00	23.87 0.76 0.00	25.97 0.83 0.00	28.53 0.96 0.00	30.46 0.97 0.00	27.99 0.79 0.00	24.16 0.61 0.00	22.45 0.61 0.00	20.85 0.55 0.00
INDIAN POINT___3 23531	19.52 0.35 0.00	18.99 0.26 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.56 0.33 0.00	23.48 0.57 0.00	27.34 0.74 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.46 0.69 0.00	23.58 0.73 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.43 0.64 0.00	23.89 0.79 0.00	26.00 0.85 0.00	28.55 0.99 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.16 0.61 0.00	22.47 0.63 0.00	20.87 0.57 0.00
INGHAM_C_115KV_TB7 356103	18.64 -0.54 0.00	18.14 -0.58 0.00	17.22 -0.53 0.00	16.64 -0.44 0.00	17.45 -0.37 0.00	18.94 -0.29 0.00	22.54 -0.37 0.00	26.20 -0.40 0.00	25.04 -0.43 0.00	23.78 -0.39 0.00	23.31 -0.33 0.00	23.46 -0.31 0.00	22.58 -0.27 0.00	21.54 -0.31 0.00	21.11 -0.30 0.00	20.50 -0.29 0.00	22.78 -0.32 0.00	24.82 -0.33 0.00	27.15 -0.41 0.00	29.07 -0.41 0.00	26.79 -0.41 0.00	23.24 -0.31 0.00	21.57 -0.26 0.00	20.04 -0.26 0.00
IP CORINTH___1 23988	19.73 0.56 0.00	19.27 0.54 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.29 0.46 0.00	19.73 0.50 0.00	23.71 0.80 0.00	27.66 1.06 0.00	26.62 1.15 0.00	25.24 1.06 0.00	24.68 1.04 0.00	24.69 0.93 0.00	23.81 0.96 0.00	22.68 0.83 0.00	22.14 0.73 0.00	21.47 0.69 0.00	23.94 0.83 0.00	26.05 0.91 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.64 0.81 0.00	20.95 0.65 0.00
IP___TICONDEROGA 23804	20.31 1.13 0.00	19.85 1.12 0.00	18.73 0.98 0.00	18.01 0.92 0.00	18.80 0.98 0.00	20.25 1.02 0.00	24.49 1.58 0.00	28.67 2.07 0.00	27.61 2.14 0.00	26.15 1.98 0.00	25.60 1.96 0.00	25.57 1.81 0.00	24.70 1.85 0.00	23.42 1.57 0.00	22.82 1.41 0.00	22.10 1.31 0.00	24.68 1.57 0.00	26.85 1.71 0.00	29.57 2.01 0.00	31.61 2.12 0.00	29.32 2.12 0.00	25.31 1.77 0.00	23.45 1.62 0.00	21.64 1.34 0.00
ISLIP_RES_REC 323679	20.17 1.00 0.00	19.60 0.88 0.00	18.64 0.89 0.00	17.85 0.77 0.00	18.66 0.84 0.00	20.11 0.87 -0.01	27.29 1.58 -2.80	29.25 1.94 -0.71	28.64 1.88 -1.28	28.05 1.74 -2.14	25.23 1.58 -0.01	25.46 1.69 -0.01	24.14 1.28 -0.01	23.34 1.49 -0.01	23.81 1.50 -0.91	24.14 1.50 -1.86	24.77 1.66 0.00	27.00 1.86 0.00	29.24 1.68 0.00	31.40 1.92 0.00	28.72 1.52 0.00	25.66 1.65 -0.46	24.25 1.62 -0.79	22.33 1.46 -0.57

JAMAICA__27_KV_LOAD 355505	19.58 0.40 0.00	19.02 0.30 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.69 0.46 0.00	23.73 0.82 0.00	27.74 1.14 0.00	26.72 1.25 0.00	25.24 1.06 0.00	24.71 1.06 0.00	24.88 1.12 0.00	24.02 1.17 0.00	22.81 0.96 0.00	22.37 0.96 0.00	21.80 1.02 0.00	24.40 1.29 0.00	26.48 1.33 0.00	29.16 1.60 0.00	31.08 1.59 0.00	28.59 1.39 0.00	24.54 0.99 0.00	22.82 0.98 0.00	21.13 0.83 0.00
JANIS__SOLAR 323808	20.19 1.02 0.00	19.70 0.97 0.00	18.62 0.87 0.00	17.92 0.84 0.00	18.77 0.94 0.00	20.33 1.10 0.00	24.14 1.24 0.00	28.14 1.54 0.00	26.62 1.15 0.00	25.21 1.04 0.00	24.59 0.95 0.00	24.72 0.95 0.00	23.77 0.91 0.00	22.59 0.74 0.00	22.18 0.77 0.00	21.64 0.85 0.00	24.08 0.97 0.00	26.17 1.03 0.00	28.80 1.24 0.00	31.08 1.59 0.00	28.70 1.50 0.00	24.84 1.29 0.00	23.08 1.24 0.00	21.46 1.16 0.00
JARVIS____ 23743	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.82 0.00 0.00	19.23 0.00 0.00	22.93 0.02 0.00	26.65 0.05 0.00	25.52 0.05 0.00	24.22 0.05 0.00	23.67 0.02 0.00	23.82 0.05 0.00	22.90 0.05 0.00	21.87 0.02 0.00	21.45 0.04 0.00	20.83 0.04 0.00	23.11 0.00 0.00	25.17 0.03 0.00	27.56 0.00 0.00	29.48 0.00 0.00	27.20 0.00 0.00	23.55 0.00 0.00	21.84 0.00 0.00	20.30 0.00 0.00
JENNISON____1 23625	20.19 1.02 0.00	19.70 0.97 0.00	18.66 0.91 0.00	17.94 0.85 0.00	18.78 0.96 0.00	20.27 1.04 0.00	24.23 1.33 0.00	28.27 1.68 0.00	26.85 1.38 0.00	25.45 1.28 0.00	24.85 1.21 0.00	24.98 1.21 0.00	23.97 1.12 0.00	22.87 1.03 0.00	22.44 1.03 0.00	21.85 1.06 0.00	24.21 1.11 0.00	26.37 1.23 0.00	28.94 1.38 0.00	31.25 1.77 0.00	28.81 1.60 0.00	24.96 1.41 0.00	23.19 1.35 0.00	21.54 1.24 0.00
JENNISON____2 23626	20.19 1.02 0.00	19.70 0.97 0.00	18.66 0.91 0.00	17.94 0.85 0.00	18.78 0.96 0.00	20.27 1.04 0.00	24.23 1.33 0.00	28.27 1.68 0.00	26.85 1.38 0.00	25.45 1.28 0.00	24.85 1.21 0.00	24.98 1.21 0.00	23.97 1.12 0.00	22.87 1.03 0.00	22.44 1.03 0.00	21.85 1.06 0.00	24.21 1.11 0.00	26.37 1.23 0.00	28.94 1.38 0.00	31.25 1.77 0.00	28.81 1.60 0.00	24.96 1.41 0.00	23.19 1.35 0.00	21.54 1.24 0.00
JERICOHO_RISE_WT_PWR 323719	19.60 0.42 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.44 0.36 0.00	18.23 0.41 0.00	19.65 0.42 0.00	23.41 0.50 0.00	27.00 0.40 0.00	25.80 0.33 0.00	24.51 0.34 0.00	24.28 0.64 0.00	24.31 0.55 0.00	23.10 0.25 0.00	22.13 0.28 0.00	21.60 0.19 0.00	20.93 0.15 0.00	23.34 0.23 0.00	25.32 0.18 0.00	27.92 0.36 0.00	29.90 0.41 0.00	27.61 0.41 0.00	23.92 0.38 0.00	22.10 0.26 0.00	20.58 0.28 0.00
KATONAH__115KV_46KV_TB4 355592	19.62 0.44 0.00	19.10 0.37 0.00	18.05 0.30 0.00	17.39 0.31 0.00	18.05 0.23 0.00	19.63 0.40 0.00	23.59 0.69 0.00	27.50 0.90 0.00	26.44 0.97 0.00	25.04 0.87 0.00	24.52 0.87 0.00	24.69 0.93 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.72 1.16 0.00	30.61 1.12 0.00	28.24 1.03 0.00	24.32 0.78 0.00	22.58 0.74 0.00	20.97 0.67 0.00
KCE_NY_1 323755	19.73 0.56 0.00	19.27 0.54 0.00	18.25 0.50 0.00	17.56 0.48 0.00	18.30 0.48 0.00	19.71 0.48 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.14 0.97 0.00	24.56 0.92 0.00	24.62 0.85 0.00	23.67 0.82 0.00	22.63 0.79 0.00	22.11 0.71 0.00	21.45 0.66 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.15 0.95 0.00	24.37 0.82 0.00	22.58 0.74 0.00	20.93 0.63 0.00
KCE_NY_6_ESR 323823	18.89 -0.29 0.00	18.61 -0.11 0.00	17.57 -0.18 0.00	16.90 -0.19 0.00	17.75 -0.07 0.00	19.35 0.12 0.00	22.08 -0.82 0.00	25.00 -1.60 0.00	23.74 -1.73 0.00	22.62 -1.55 0.00	21.96 -1.68 0.00	22.10 -1.66 0.00	21.57 -1.28 0.00	20.63 -1.22 0.00	20.27 -1.14 0.00	19.68 -1.10 0.00	21.47 -1.64 0.00	23.33 -1.81 0.00	25.63 -1.93 0.00	27.51 -1.98 0.00	25.71 -1.50 0.00	22.25 -1.30 0.00	20.81 -1.03 0.00	19.75 -0.55 0.00
KEDC PORT_JEFF_GT2 24210	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.07 1.43 -1.86	24.68 1.57 0.00	26.90 1.76 0.00	29.16 1.60 0.00	31.28 1.80 0.00	28.64 1.44 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
KEDC PORT_JEFF_GT3 24211	20.09 0.92 0.00	19.53 0.80 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.93 1.62 -2.14	25.12 1.47 -0.01	25.34 1.57 -0.01	24.05 1.19 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.07 1.43 -1.86	24.68 1.57 0.00	26.90 1.76 0.00	29.16 1.60 0.00	31.28 1.80 0.00	28.64 1.44 0.00	25.54 1.53 -0.46	24.14 1.51 -0.79	22.25 1.38 -0.57
KEDC_GLWD_GT4 24219	19.90 0.73 0.00	19.38 0.65 0.00	18.37 0.62 0.00	17.61 0.53 0.00	18.39 0.57 0.00	19.85 0.62 -0.01	26.92 1.21 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.71 1.40 -2.14	25.00 1.35 -0.01	25.23 1.45 -0.01	24.09 1.23 -0.01	23.12 1.27 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.68 1.53 0.00	29.16 1.60 0.00	31.22 1.74 0.00	28.62 1.41 0.00	25.33 1.32 -0.46	23.90 1.27 -0.79	22.01 1.14 -0.57
KEDC_GLWD_GT5 24220	19.90 0.73 0.00	19.38 0.65 0.00	18.37 0.62 0.00	17.61 0.53 0.00	18.39 0.57 0.00	19.85 0.62 -0.01	26.92 1.21 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.71 1.40 -2.14	25.00 1.35 -0.01	25.23 1.45 -0.01	24.09 1.23 -0.01	23.12 1.27 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.68 1.53 0.00	29.16 1.60 0.00	31.22 1.74 0.00	28.62 1.41 0.00	25.33 1.32 -0.46	23.90 1.27 -0.79	22.01 1.14 -0.57
KENSICO____ 23655	19.56 0.38 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.42 0.82 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.10 0.96 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.71 0.54 0.00	19.17 0.45 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.75 0.52 0.00	23.71 0.80 0.00	27.58 0.98 0.00	26.41 0.94 0.00	24.97 0.80 0.00	24.33 0.69 0.00	24.50 0.74 0.00	23.60 0.75 0.00	22.50 0.66 0.00	22.07 0.66 0.00	21.45 0.67 0.00	23.94 0.83 0.00	26.07 0.93 0.00	28.72 1.16 0.00	30.69 1.21 0.00	28.29 1.09 0.00	24.37 0.82 0.00	22.62 0.79 0.00	21.01 0.71 0.00

KIAC_JFK_GT1 23816	19.54 0.36 0.00	18.97 0.24 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.93 0.11 0.00	19.63 0.40 0.00	23.66 0.76 0.00	27.66 1.06 0.00	26.64 1.17 0.00	25.19 1.02 0.00	24.63 0.99 0.00	24.81 1.05 0.00	23.95 1.10 0.00	22.77 0.92 0.00	22.33 0.92 0.00	21.74 0.96 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.99 1.50 0.00	28.48 1.28 0.00	24.46 0.92 0.00	22.78 0.94 0.00	21.07 0.77 0.00
KIAC_JFK_GT2 23817	19.54 0.36 0.00	18.97 0.24 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.93 0.11 0.00	19.63 0.40 0.00	23.66 0.76 0.00	27.66 1.06 0.00	26.64 1.17 0.00	25.19 1.02 0.00	24.63 0.99 0.00	24.81 1.05 0.00	23.95 1.10 0.00	22.77 0.92 0.00	22.33 0.92 0.00	21.74 0.96 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.99 1.50 0.00	28.48 1.28 0.00	24.46 0.92 0.00	22.78 0.94 0.00	21.07 0.77 0.00
KIAC_JFK____ 323774	19.42 0.25 0.00	18.93 0.21 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.42 0.19 0.00	23.66 0.75 0.00	27.66 1.07 0.00	26.59 1.12 0.00	25.19 1.02 0.00	24.63 0.99 0.00	24.81 1.04 0.00	23.83 0.98 0.00	22.77 0.92 0.00	22.33 0.92 0.00	21.74 0.96 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.99 1.50 0.00	28.48 1.28 0.00	24.46 0.92 0.00	22.78 0.94 0.00	21.05 0.75 0.00
KINTIGH____ 23543	18.12 -1.05 0.00	17.88 -0.84 0.00	17.04 -0.71 0.00	16.35 -0.73 0.00	17.20 -0.62 0.00	18.17 -1.06 0.00	21.42 -1.49 0.00	24.44 -2.15 0.00	23.15 -2.32 0.00	22.17 -2.01 0.00	21.56 -2.08 0.00	21.68 -2.09 0.00	20.66 -2.19 0.00	20.21 -1.64 0.00	19.85 -1.56 0.00	19.29 -1.50 0.00	21.07 -2.03 0.00	22.93 -2.21 0.00	25.14 -2.43 0.00	26.86 -2.62 0.00	25.08 -2.12 0.00	21.78 -1.77 0.00	20.37 -1.46 0.00	19.10 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.92 0.75 0.00	19.47 0.75 0.00	18.46 0.71 0.00	17.73 0.65 0.00	18.55 0.73 0.00	20.02 0.79 0.00	23.84 0.94 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.85 0.68 0.00	24.71 1.06 0.00	24.72 0.95 0.00	23.49 0.64 0.00	22.53 0.68 0.00	22.01 0.60 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.80 0.65 0.00	28.42 0.85 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.37 0.82 0.00	22.47 0.63 0.00	20.95 0.65 0.00
LACHUTE____HYDRO 323717	20.29 1.11 0.00	19.83 1.10 0.00	18.73 0.98 0.00	18.01 0.92 0.00	18.80 0.98 0.00	20.21 0.98 0.00	24.48 1.58 0.00	28.68 2.08 0.00	27.61 2.14 0.00	26.15 1.98 0.00	25.60 1.96 0.00	25.57 1.81 0.00	24.66 1.80 0.00	23.42 1.57 0.00	22.82 1.41 0.00	22.12 1.33 0.00	24.68 1.57 0.00	26.85 1.71 0.00	29.57 2.01 0.00	31.64 2.15 0.00	29.33 2.12 0.00	25.31 1.77 0.00	23.45 1.62 0.00	21.62 1.32 0.00
LAWRNCV_115KV_TB1 80681	18.79 -0.38 0.00	18.37 -0.36 0.00	17.40 -0.36 0.00	16.73 -0.36 0.00	17.48 -0.34 0.00	18.90 -0.33 0.00	22.49 -0.41 0.00	26.20 -0.40 0.00	25.06 -0.41 0.00	23.78 -0.39 0.00	23.33 -0.31 0.00	23.43 -0.33 0.00	22.48 -0.37 0.00	21.48 -0.37 0.00	21.09 -0.32 0.00	20.43 -0.35 0.00	22.76 -0.35 0.00	24.69 -0.45 0.00	27.07 -0.50 0.00	29.13 -0.35 0.00	26.79 -0.41 0.00	23.19 -0.35 0.00	21.47 -0.37 0.00	19.93 -0.37 0.00
LEDERLE____ 23769	19.58 0.40 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.04 0.21 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.45 0.85 0.00	26.34 0.87 0.00	24.92 0.75 0.00	24.35 0.71 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.53 0.68 0.00	22.09 0.69 0.00	21.49 0.71 0.00	23.96 0.85 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.61 1.12 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
LIGHTHSE_115KV_TB6 355974	18.87 -0.31 0.00	18.44 -0.28 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	18.94 -0.29 0.00	22.42 -0.48 0.00	26.09 -0.51 0.00	24.86 -0.61 0.00	23.57 -0.60 0.00	23.07 -0.57 0.00	23.20 -0.57 0.00	22.23 -0.62 0.00	21.30 -0.55 0.00	20.85 -0.56 0.00	20.29 -0.50 0.00	22.60 -0.51 0.00	24.67 -0.48 0.00	27.01 -0.55 0.00	29.04 -0.44 0.00	26.82 -0.38 0.00	23.26 -0.28 0.00	21.55 -0.28 0.00	20.02 -0.28 0.00
LINDEN COGEN____ 23786	19.33 0.15 0.00	18.84 0.11 0.00	17.84 0.09 0.00	17.17 0.09 0.00	17.84 0.02 0.00	19.25 0.02 0.00	23.41 0.50 0.00	27.29 0.69 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.51 0.74 0.00	23.51 0.66 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.47 0.68 0.00	23.96 0.86 0.00	26.00 0.86 0.00	28.61 1.05 0.00	30.49 1.00 0.00	28.02 0.82 0.00	24.14 0.59 0.00	22.51 0.68 0.00	20.87 0.57 0.00
LINDHRST_69_KV_BK1 356055	20.09 0.92 0.00	19.51 0.79 0.00	18.48 0.73 0.00	17.73 0.65 0.00	18.50 0.68 0.00	20.19 0.96 0.00	27.08 1.37 -2.80	28.98 1.68 -0.70	28.43 1.68 -1.27	27.80 1.50 -2.13	25.04 1.39 0.00	25.24 1.47 0.00	24.38 1.53 0.00	23.16 1.31 0.00	23.63 1.33 -0.90	23.96 1.33 -1.85	24.61 1.50 0.00	26.75 1.61 0.00	29.19 1.63 0.00	31.28 1.80 0.00	28.73 1.52 0.00	25.44 1.44 -0.46	24.02 1.40 -0.79	22.14 1.28 -0.56
LIPA_MISC_IPP 23656	20.13 0.96 0.00	19.53 0.81 0.00	18.55 0.80 0.00	17.78 0.70 0.00	18.57 0.75 0.00	20.25 1.02 0.00	27.14 1.44 -2.80	29.06 1.76 -0.70	28.45 1.71 -1.27	27.87 1.57 -2.13	25.06 1.42 0.00	25.24 1.47 0.00	24.40 1.55 0.00	23.18 1.33 0.00	23.66 1.35 -0.90	23.98 1.35 -1.85	24.61 1.50 0.00	26.80 1.66 0.00	29.00 1.43 0.00	31.11 1.62 0.00	28.56 1.36 0.00	25.46 1.46 -0.46	24.11 1.48 -0.79	22.22 1.36 -0.56
LISF__SOLAR 323691	20.09 0.92 0.00	19.53 0.80 0.00	18.59 0.83 0.00	17.80 0.72 0.00	18.61 0.78 0.00	20.03 0.79 -0.01	27.20 1.49 -2.80	29.12 1.81 -0.71	28.51 1.76 -1.28	27.90 1.59 -2.14	25.09 1.44 -0.01	25.30 1.52 -0.01	23.93 1.07 -0.01	23.21 1.36 -0.01	23.66 1.35 -0.91	24.03 1.39 -1.86	24.63 1.52 0.00	26.88 1.73 0.00	29.02 1.46 0.00	31.16 1.68 0.00	28.51 1.31 0.00	25.52 1.51 -0.46	24.16 1.53 -0.79	22.25 1.38 -0.57
LITTLE FALLS____HYD 24013	18.64 -0.54 0.00	18.14 -0.58 0.00	17.22 -0.53 0.00	16.64 -0.44 0.00	17.45 -0.37 0.00	18.94 -0.29 0.00	22.54 -0.37 0.00	26.20 -0.40 0.00	25.04 -0.43 0.00	23.78 -0.39 0.00	23.31 -0.33 0.00	23.46 -0.31 0.00	22.58 -0.27 0.00	21.54 -0.31 0.00	21.11 -0.30 0.00	20.50 -0.29 0.00	22.78 -0.32 0.00	24.82 -0.33 0.00	27.15 -0.41 0.00	29.07 -0.41 0.00	26.79 -0.41 0.00	23.24 -0.31 0.00	21.57 -0.26 0.00	20.04 -0.26 0.00
LITTLRIV_115KV_TB1 356100	18.96 -0.21 0.00	18.52 -0.21 0.00	17.54 -0.21 0.00	16.86 -0.22 0.00	17.63 -0.20 0.00	19.08 -0.15 0.00	22.72 -0.18 0.00	26.49 -0.11 0.00	25.32 -0.15 0.00	24.03 -0.15 0.00	23.57 -0.07 0.00	23.67 -0.10 0.00	22.71 -0.14 0.00	21.67 -0.17 0.00	21.30 -0.11 0.00	20.64 -0.15 0.00	22.97 -0.14 0.00	24.92 -0.23 0.00	27.29 -0.28 0.00	29.46 -0.03 0.00	27.07 -0.14 0.00	23.43 -0.12 0.00	21.66 -0.17 0.00	20.12 -0.18 0.00

LI_NEWBRDGE___DRP 323616	19.77 0.59 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.48 0.39 0.00	18.20 0.37 0.00	19.87 0.63 0.00	26.66 0.96 -2.80	28.50 1.20 -0.70	27.97 1.22 -1.27	27.41 1.11 -2.13	24.66 1.02 0.00	24.86 1.09 0.00	24.02 1.17 0.00	22.83 0.98 0.00	23.29 0.98 -0.90	23.63 1.00 -1.85	24.26 1.16 0.00	26.35 1.21 0.00	28.80 1.24 0.00	30.81 1.33 0.00	28.32 1.12 0.00	25.02 1.01 -0.46	23.63 1.00 -0.79	21.78 0.91 -0.56
LOCKPORT_115KV_TB60_63_64 80432	18.14 -1.04 0.00	17.94 -0.79 0.00	17.13 -0.62 0.00	16.42 -0.67 0.00	17.30 -0.52 0.00	18.21 -1.02 0.00	21.42 -1.49 0.00	24.31 -2.29 0.00	22.95 -2.52 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.51 -2.26 0.00	20.43 -2.42 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.86 -2.24 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.60 -2.89 0.00	24.94 -2.26 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.10 -1.20 0.00
LOCKPORT___CC1 323769	18.43 -0.75 0.00	18.16 -0.56 0.00	17.13 -0.62 0.00	16.50 -0.58 0.00	17.30 -0.52 0.00	18.86 -0.37 0.00	21.44 -1.47 0.00	24.31 -2.29 0.00	23.10 -2.37 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	21.00 -1.85 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.91 -2.20 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.71 -2.77 0.00	25.03 -2.18 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.22 -1.08 0.00
LOCKPORT___CC2 323770	18.43 -0.75 0.00	18.16 -0.56 0.00	17.13 -0.62 0.00	16.50 -0.58 0.00	17.30 -0.52 0.00	18.86 -0.37 0.00	21.44 -1.47 0.00	24.31 -2.29 0.00	23.10 -2.37 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	21.00 -1.85 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.91 -2.20 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.71 -2.77 0.00	25.03 -2.18 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.22 -1.08 0.00
LOCKPORT___CC3 323771	18.43 -0.75 0.00	18.16 -0.56 0.00	17.13 -0.62 0.00	16.50 -0.58 0.00	17.30 -0.52 0.00	18.86 -0.37 0.00	21.44 -1.47 0.00	24.31 -2.29 0.00	23.10 -2.37 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	21.00 -1.85 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.91 -2.20 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.71 -2.77 0.00	25.03 -2.18 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.22 -1.08 0.00
LONG_LAKE_PHOENIX 24014	18.85 -0.33 0.00	18.44 -0.28 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	18.88 -0.35 0.00	22.40 -0.50 0.00	26.01 -0.59 0.00	24.83 -0.64 0.00	23.62 -0.56 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.28 -0.57 0.00	21.37 -0.48 0.00	20.92 -0.49 0.00	20.33 -0.46 0.00	22.67 -0.44 0.00	24.67 -0.48 0.00	27.04 -0.52 0.00	28.92 -0.56 0.00	26.74 -0.46 0.00	23.17 -0.38 0.00	21.49 -0.35 0.00	19.99 -0.30 0.00
LOVETT___3 23632	19.50 0.33 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.48 0.57 0.00	27.32 0.72 0.00	26.21 0.74 0.00	24.80 0.63 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.54 0.69 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.87 0.76 0.00	25.95 0.80 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.02 0.82 0.00	24.13 0.59 0.00	22.45 0.61 0.00	20.83 0.53 0.00
LOVETT___4 23642	19.50 0.33 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.48 0.57 0.00	27.32 0.72 0.00	26.21 0.74 0.00	24.80 0.63 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.54 0.69 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.87 0.76 0.00	25.95 0.80 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.02 0.82 0.00	24.13 0.59 0.00	22.45 0.61 0.00	20.83 0.53 0.00
LOVETT___5 23593	19.50 0.33 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.48 0.57 0.00	27.32 0.72 0.00	26.21 0.74 0.00	24.80 0.63 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.54 0.69 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.87 0.76 0.00	25.95 0.80 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.02 0.82 0.00	24.13 0.59 0.00	22.45 0.61 0.00	20.83 0.53 0.00
LOWER RAQUET___HYD 24057	18.66 -0.52 0.00	18.24 -0.49 0.00	17.27 -0.48 0.00	16.62 -0.46 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.36 -0.55 0.00	26.04 -0.56 0.00	24.91 -0.56 0.00	23.64 -0.53 0.00	23.19 -0.45 0.00	23.29 -0.48 0.00	22.30 -0.55 0.00	21.32 -0.52 0.00	20.96 -0.45 0.00	20.29 -0.50 0.00	22.62 -0.49 0.00	24.54 -0.60 0.00	26.87 -0.69 0.00	28.90 -0.59 0.00	26.63 -0.57 0.00	23.08 -0.47 0.00	21.31 -0.52 0.00	19.81 -0.49 0.00
LOWER___HUDSON 24059	19.50 0.33 0.00	19.02 0.30 0.00	18.05 0.30 0.00	17.37 0.29 0.00	18.09 0.27 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.18 0.58 0.00	26.13 0.66 0.00	24.80 0.63 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.33 0.48 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.20 0.42 0.00	23.61 0.51 0.00	25.72 0.58 0.00	28.17 0.61 0.00	30.04 0.56 0.00	27.69 0.49 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.60 0.30 0.00
LOWVILLE_115KV_TB2 356335	19.19 0.02 0.00	18.72 0.00 0.00	17.73 -0.02 0.00	17.08 0.00 0.00	17.86 0.04 0.00	19.31 0.08 0.00	22.97 0.07 0.00	26.81 0.21 0.00	25.55 0.08 0.00	24.15 -0.02 0.00	23.57 -0.07 0.00	23.70 -0.07 0.00	22.71 -0.14 0.00	21.70 -0.15 0.00	21.26 -0.15 0.00	20.68 -0.10 0.00	23.06 -0.05 0.00	25.17 0.03 0.00	27.59 0.03 0.00	29.78 0.29 0.00	27.42 0.22 0.00	23.73 0.19 0.00	22.01 0.17 0.00	20.36 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.73 0.56 0.00	19.28 0.56 0.00	18.25 0.50 0.00	17.56 0.48 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.11 0.94 0.00	24.54 0.90 0.00	24.62 0.86 0.00	23.72 0.87 0.00	22.61 0.76 0.00	22.12 0.71 0.00	21.45 0.67 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.15 0.95 0.00	24.35 0.80 0.00	22.56 0.72 0.00	20.93 0.63 0.00
LUTHERNY_35_KV_BK2 355980	19.75 0.58 0.00	19.28 0.56 0.00	18.25 0.50 0.00	17.56 0.48 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.14 0.97 0.00	24.56 0.92 0.00	24.62 0.86 0.00	23.72 0.87 0.00	22.63 0.79 0.00	22.12 0.71 0.00	21.45 0.67 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.18 0.98 0.00	24.37 0.82 0.00	22.58 0.74 0.00	20.93 0.63 0.00
LWR___OSWEGATCHIE_HYD 23850	18.66 -0.52 0.00	18.22 -0.51 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.98 -0.50 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00

LYONS_FALL_HYD 23570	19.35 0.17 0.00	18.87 0.15 0.00	17.89 0.14 0.00	17.22 0.14 0.00	17.98 0.16 0.00	19.46 0.23 0.00	23.16 0.25 0.00	27.02 0.42 0.00	25.78 0.31 0.00	24.39 0.22 0.00	23.83 0.19 0.00	23.93 0.17 0.00	23.01 0.16 0.00	21.94 0.09 0.00	21.49 0.09 0.00	20.91 0.13 0.00	23.27 0.16 0.00	25.37 0.23 0.00	27.81 0.25 0.00	29.95 0.47 0.00	27.58 0.38 0.00	23.90 0.35 0.00	22.14 0.31 0.00	20.50 0.20 0.00
MADISON___COUNTY_LFGE 323628	19.65 0.48 0.00	19.19 0.47 0.00	18.19 0.44 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.50 0.60 0.00	27.40 0.80 0.00	26.13 0.66 0.00	24.78 0.60 0.00	24.21 0.57 0.00	24.34 0.57 0.00	23.40 0.55 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.28 0.50 0.00	23.64 0.53 0.00	25.75 0.60 0.00	28.20 0.63 0.00	30.31 0.83 0.00	27.96 0.76 0.00	24.21 0.66 0.00	22.45 0.61 0.00	20.81 0.51 0.00
MALONE___115KV_TB1 356076	19.58 0.40 0.00	19.14 0.41 0.00	18.12 0.37 0.00	17.43 0.34 0.00	18.23 0.41 0.00	19.67 0.44 0.00	23.43 0.53 0.00	27.13 0.53 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.33 0.69 0.00	24.36 0.59 0.00	23.19 0.34 0.00	22.22 0.37 0.00	21.97 0.56 0.00	21.24 0.46 0.00	23.73 0.62 0.00	25.60 0.45 0.00	27.98 0.41 0.00	30.10 0.62 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.14 0.31 0.00	20.62 0.32 0.00
MAPLEWOD_115KV_TB3 80458	19.63 0.46 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.48 0.39 0.00	18.20 0.37 0.00	19.65 0.42 0.00	23.50 0.60 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.90 0.73 0.00	24.33 0.69 0.00	24.43 0.67 0.00	23.51 0.66 0.00	22.46 0.61 0.00	21.97 0.56 0.00	21.33 0.54 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.31 0.74 0.00	30.19 0.71 0.00	27.86 0.65 0.00	24.13 0.59 0.00	22.34 0.50 0.00	20.75 0.45 0.00
MAPLE_RIDGE_WT_1 323574	18.98 -0.19 0.00	18.52 -0.21 0.00	17.56 -0.19 0.00	16.93 -0.15 0.00	17.70 -0.12 0.00	19.10 -0.13 0.00	22.77 -0.14 0.00	26.41 -0.18 0.00	25.29 -0.18 0.00	24.03 -0.14 0.00	23.55 -0.09 0.00	23.67 -0.09 0.00	22.76 -0.09 0.00	21.78 -0.07 0.00	21.34 -0.06 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	25.07 -0.08 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.12 -0.08 0.00	23.48 -0.07 0.00	21.73 -0.11 0.00	20.22 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	18.98 -0.19 0.00	18.52 -0.21 0.00	17.56 -0.19 0.00	16.93 -0.15 0.00	17.70 -0.12 0.00	19.10 -0.13 0.00	22.77 -0.14 0.00	26.41 -0.18 0.00	25.29 -0.18 0.00	24.03 -0.14 0.00	23.55 -0.09 0.00	23.67 -0.09 0.00	22.76 -0.09 0.00	21.78 -0.07 0.00	21.34 -0.06 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	25.07 -0.08 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.12 -0.08 0.00	23.48 -0.07 0.00	21.73 -0.11 0.00	20.22 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	19.65 0.48 0.00	19.19 0.47 0.00	18.19 0.44 0.00	17.49 0.41 0.00	18.28 0.46 0.00	19.71 0.48 0.00	23.45 0.55 0.00	27.02 0.42 0.00	25.80 0.33 0.00	24.53 0.36 0.00	24.33 0.69 0.00	24.36 0.59 0.00	23.15 0.30 0.00	22.20 0.35 0.00	21.71 0.30 0.00	21.04 0.25 0.00	23.45 0.35 0.00	25.45 0.30 0.00	28.00 0.44 0.00	29.95 0.47 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.14 0.31 0.00	20.62 0.32 0.00
MARSHVLE_115KV_TB1 80742	20.27 1.09 0.00	19.81 1.09 0.00	18.73 0.98 0.00	18.01 0.92 0.00	18.84 1.02 0.00	20.35 1.12 0.00	24.46 1.56 0.00	28.49 1.89 0.00	27.23 1.76 0.00	25.69 1.52 0.00	25.08 1.44 0.00	25.26 1.50 0.00	24.27 1.42 0.00	23.12 1.27 0.00	22.61 1.20 0.00	21.99 1.21 0.00	24.49 1.39 0.00	26.70 1.56 0.00	29.38 1.82 0.00	31.52 2.03 0.00	29.16 1.96 0.00	25.29 1.74 0.00	23.45 1.62 0.00	21.68 1.38 0.00
MARSH_HILL_WT_PWR 323713	19.88 0.71 0.00	19.47 0.75 0.00	18.37 0.62 0.00	17.70 0.61 0.00	18.57 0.75 0.00	20.10 0.87 0.00	23.87 0.96 0.00	27.66 1.07 0.00	26.18 0.71 0.00	24.99 0.82 0.00	24.47 0.83 0.00	24.65 0.88 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.56 0.77 0.00	23.84 0.74 0.00	25.95 0.80 0.00	28.55 0.99 0.00	30.75 1.27 0.00	28.51 1.31 0.00	24.65 1.11 0.00	22.84 1.01 0.00	21.35 1.05 0.00
MCINTYRE_115KV_TB2 80467	19.19 0.02 0.00	18.76 0.04 0.00	17.77 0.02 0.00	17.08 0.00 0.00	17.86 0.04 0.00	19.33 0.10 0.00	23.00 0.09 0.00	26.84 0.24 0.00	25.62 0.15 0.00	24.32 0.15 0.00	23.83 0.19 0.00	23.93 0.17 0.00	22.96 0.11 0.00	21.91 0.07 0.00	21.56 0.15 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.64 0.08 0.00	29.84 0.35 0.00	27.42 0.22 0.00	23.76 0.21 0.00	21.97 0.13 0.00	20.40 0.10 0.00
MECO_____69_KV_BK1 80468	20.84 1.67 0.00	20.39 1.67 0.00	19.22 1.47 0.00	18.50 1.42 0.00	19.35 1.53 0.00	20.88 1.65 0.00	25.22 2.31 0.00	29.34 2.74 0.00	28.02 2.55 0.00	26.35 2.18 0.00	25.75 2.10 0.00	25.93 2.16 0.00	24.98 2.13 0.00	23.77 1.92 0.00	23.14 1.73 0.00	22.55 1.77 0.00	25.28 2.17 0.00	27.58 2.44 0.00	30.37 2.81 0.00	32.52 3.04 0.00	30.19 2.99 0.00	26.09 2.54 0.00	24.17 2.34 0.00	22.27 1.97 0.00
MENANDS___115KV_TB5 355628	19.60 0.42 0.00	19.12 0.39 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.23 0.76 0.00	24.87 0.70 0.00	24.28 0.64 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.42 0.57 0.00	21.94 0.54 0.00	21.28 0.50 0.00	23.71 0.60 0.00	25.80 0.65 0.00	28.25 0.69 0.00	30.10 0.62 0.00	27.77 0.57 0.00	24.06 0.52 0.00	22.27 0.44 0.00	20.69 0.39 0.00
MG INDUSTRY___DRP 24185	19.62 0.44 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.46 0.38 0.00	18.20 0.37 0.00	19.65 0.42 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.16 0.69 0.00	24.80 0.63 0.00	24.21 0.57 0.00	24.31 0.55 0.00	23.42 0.57 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.22 0.44 0.00	23.66 0.55 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.13 0.65 0.00	27.83 0.63 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.75 0.45 0.00
MID___OSWEGATCHIE_HYD 23849	18.66 -0.52 0.00	18.22 -0.51 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.98 -0.50 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00
MID___RAQUETTE_HYD 23851	18.68 -0.50 0.00	18.24 -0.49 0.00	17.27 -0.48 0.00	16.62 -0.46 0.00	17.36 -0.46 0.00	18.79 -0.44 0.00	22.36 -0.55 0.00	26.04 -0.56 0.00	24.91 -0.56 0.00	23.64 -0.53 0.00	23.19 -0.45 0.00	23.29 -0.48 0.00	22.33 -0.53 0.00	21.32 -0.52 0.00	20.96 -0.45 0.00	20.31 -0.48 0.00	22.62 -0.49 0.00	24.54 -0.60 0.00	26.87 -0.69 0.00	28.95 -0.53 0.00	26.63 -0.57 0.00	23.08 -0.47 0.00	21.31 -0.52 0.00	19.81 -0.49 0.00

MILLIKEN___1 23584	19.65 0.48 0.00	19.21 0.49 0.00	18.23 0.48 0.00	17.53 0.44 0.00	18.34 0.52 0.00	19.67 0.44 0.00	23.50 0.60 0.00	27.29 0.69 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.09 0.45 0.00	24.24 0.48 0.00	23.22 0.37 0.00	22.24 0.39 0.00	21.82 0.41 0.00	21.26 0.48 0.00	23.61 0.51 0.00	25.55 0.40 0.00	28.06 0.50 0.00	30.07 0.59 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.77 0.47 0.00
MILLIKEN___2 23585	19.65 0.48 0.00	19.21 0.49 0.00	18.23 0.48 0.00	17.53 0.44 0.00	18.34 0.52 0.00	19.67 0.44 0.00	23.50 0.60 0.00	27.29 0.69 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.09 0.45 0.00	24.24 0.48 0.00	23.22 0.37 0.00	22.24 0.39 0.00	21.82 0.41 0.00	21.26 0.48 0.00	23.61 0.51 0.00	25.55 0.40 0.00	28.06 0.50 0.00	30.07 0.59 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.77 0.47 0.00
MILLIKEN___DIESEL 23629	19.65 0.48 0.00	19.21 0.49 0.00	18.23 0.48 0.00	17.53 0.44 0.00	18.34 0.52 0.00	19.67 0.44 0.00	23.50 0.60 0.00	27.29 0.69 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.09 0.45 0.00	24.24 0.48 0.00	23.22 0.37 0.00	22.24 0.39 0.00	21.82 0.41 0.00	21.26 0.48 0.00	23.61 0.51 0.00	25.55 0.40 0.00	28.06 0.50 0.00	30.07 0.59 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.77 0.47 0.00
MILLSEAT___LFGE 323607	18.70 -0.48 0.00	18.42 -0.30 0.00	17.36 -0.39 0.00	16.72 -0.36 0.00	17.52 -0.30 0.00	19.12 -0.11 0.00	21.83 -1.08 0.00	24.95 -1.65 0.00	23.76 -1.71 0.00	22.62 -1.55 0.00	21.96 -1.68 0.00	22.01 -1.76 0.00	21.43 -1.42 0.00	20.49 -1.35 0.00	20.12 -1.28 0.00	19.54 -1.25 0.00	21.37 -1.73 0.00	23.21 -1.94 0.00	25.47 -2.10 0.00	27.42 -2.06 0.00	25.62 -1.58 0.00	22.16 -1.39 0.00	20.70 -1.14 0.00	19.55 -0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.54 0.36 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.58 0.35 0.00	23.50 0.60 0.00	27.40 0.80 0.00	26.31 0.84 0.00	24.90 0.73 0.00	24.35 0.71 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.50 0.66 0.00	22.07 0.66 0.00	21.47 0.69 0.00	23.96 0.85 0.00	26.05 0.91 0.00	28.61 1.05 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.21 0.66 0.00	22.51 0.68 0.00	20.89 0.59 0.00
MILLWOOD_13_KV_LOAD 356217	19.58 0.40 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.02 0.20 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.60 0.83 0.00	23.72 0.87 0.00	22.55 0.70 0.00	22.14 0.73 0.00	21.53 0.75 0.00	24.03 0.92 0.00	26.12 0.98 0.00	28.66 1.10 0.00	30.58 1.09 0.00	28.18 0.98 0.00	24.28 0.73 0.00	22.56 0.72 0.00	20.95 0.65 0.00
MODEL_CITY_ENERGY 24167	18.22 -0.96 0.00	17.95 -0.77 0.00	16.93 -0.82 0.00	16.32 -0.77 0.00	17.11 -0.71 0.00	18.65 -0.58 0.00	21.16 -1.74 0.00	23.99 -2.61 0.00	22.82 -2.65 0.00	21.75 -2.42 0.00	21.11 -2.53 0.00	21.22 -2.54 0.00	20.75 -2.10 0.00	19.86 -1.99 0.00	19.50 -1.91 0.00	18.94 -1.85 0.00	20.68 -2.43 0.00	22.43 -2.72 0.00	24.61 -2.95 0.00	26.39 -3.10 0.00	24.73 -2.48 0.00	21.40 -2.14 0.00	20.05 -1.79 0.00	19.00 -1.30 0.00
MODERN_LFGE___ 323580	18.22 -0.96 0.00	17.95 -0.77 0.00	16.93 -0.82 0.00	16.32 -0.77 0.00	17.11 -0.71 0.00	18.65 -0.58 0.00	21.16 -1.74 0.00	23.99 -2.61 0.00	22.82 -2.65 0.00	21.75 -2.42 0.00	21.11 -2.53 0.00	21.22 -2.54 0.00	20.75 -2.10 0.00	19.86 -1.99 0.00	19.50 -1.91 0.00	18.94 -1.85 0.00	20.68 -2.43 0.00	22.43 -2.72 0.00	24.61 -2.95 0.00	26.39 -3.10 0.00	24.73 -2.48 0.00	21.40 -2.14 0.00	20.05 -1.79 0.00	19.00 -1.30 0.00
MOHAWK_PAPER___DRP 24187	19.63 0.46 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.48 0.39 0.00	18.20 0.37 0.00	19.65 0.42 0.00	23.50 0.60 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.90 0.73 0.00	24.33 0.69 0.00	24.43 0.67 0.00	23.51 0.66 0.00	22.46 0.61 0.00	21.97 0.56 0.00	21.33 0.54 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.31 0.74 0.00	30.19 0.71 0.00	27.86 0.65 0.00	24.13 0.59 0.00	22.34 0.50 0.00	20.75 0.45 0.00
MOHICAN___35_KV_115KV_LD 80490	19.81 0.63 0.00	19.36 0.64 0.00	18.30 0.55 0.00	17.61 0.53 0.00	18.36 0.53 0.00	19.81 0.58 0.00	23.82 0.92 0.00	27.80 1.20 0.00	26.74 1.27 0.00	25.33 1.16 0.00	24.78 1.13 0.00	24.81 1.05 0.00	23.92 1.07 0.00	22.77 0.92 0.00	22.24 0.83 0.00	21.56 0.77 0.00	24.05 0.95 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.72 1.24 0.00	28.40 1.20 0.00	24.56 1.01 0.00	22.73 0.90 0.00	21.05 0.75 0.00
MONGAUP___HYD 23641	19.41 0.23 0.00	18.91 0.19 0.00	17.91 0.16 0.00	17.22 0.14 0.00	17.95 0.13 0.00	19.38 0.15 0.00	23.18 0.28 0.00	26.94 0.34 0.00	25.78 0.31 0.00	24.36 0.19 0.00	23.78 0.14 0.00	23.91 0.14 0.00	22.97 0.11 0.00	21.98 0.13 0.00	21.73 0.32 0.00	21.12 0.33 0.00	23.40 0.30 0.00	25.49 0.35 0.00	28.06 0.50 0.00	30.02 0.53 0.00	27.64 0.43 0.00	23.83 0.28 0.00	22.12 0.28 0.00	20.71 0.41 0.00
MONTAUK___DIESEL 23721	20.65 1.48 0.00	20.03 1.31 0.00	19.03 1.28 0.00	18.23 1.14 0.00	19.03 1.21 0.00	20.77 1.54 0.00	27.76 2.06 -2.80	29.86 2.55 -0.70	29.16 2.42 -1.27	28.50 2.20 -2.13	25.65 2.01 0.00	25.84 2.07 0.00	24.88 2.03 0.00	23.60 1.75 0.00	24.08 1.78 -0.90	24.38 1.75 -1.85	25.05 1.94 0.00	27.36 2.21 0.00	29.60 2.04 0.00	31.87 2.39 0.00	29.27 2.07 0.00	26.19 2.19 -0.46	24.83 2.21 -0.79	22.87 2.01 -0.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.00 -0.17 0.00	18.80 0.07 0.00	18.00 0.25 0.00	17.25 0.17 0.00	18.23 0.41 0.00	19.27 0.04 0.00	22.84 -0.07 0.00	25.85 -0.74 0.00	24.32 -1.15 0.00	23.33 -0.85 0.00	22.67 -0.97 0.00	22.79 -0.97 0.00	21.71 -1.14 0.00	21.21 -0.63 0.00	20.85 -0.56 0.00	20.25 -0.54 0.00	21.97 -1.13 0.00	24.04 -1.11 0.00	26.46 -1.10 0.00	28.28 -1.21 0.00	26.47 -0.73 0.00	22.93 -0.61 0.00	21.38 -0.46 0.00	20.16 -0.14 0.00
MORTIMER_115KV_TB3 55949	18.64 -0.54 0.00	18.33 -0.39 0.00	17.43 -0.32 0.00	16.76 -0.32 0.00	17.55 -0.27 0.00	18.67 -0.56 0.00	22.13 -0.78 0.00	25.56 -1.04 0.00	24.27 -1.20 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.70 -1.07 0.00	21.64 -1.21 0.00	21.02 -0.83 0.00	20.60 -0.81 0.00	20.00 -0.79 0.00	22.00 -1.11 0.00	23.91 -1.23 0.00	26.18 -1.38 0.00	28.10 -1.39 0.00	26.14 -1.06 0.00	22.65 -0.89 0.00	21.09 -0.74 0.00	19.69 -0.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.56 0.38 0.00	19.02 0.30 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.75 1.19 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.62 0.79 0.00	21.01 0.71 0.00

MUNSVILLE_WIND_PWR 323609	20.75 1.57 0.00	20.18 1.46 0.00	19.03 1.28 0.00	18.33 1.25 0.00	19.21 1.39 0.00	20.90 1.67 0.00	24.85 1.95 0.00	29.15 2.55 0.00	27.53 2.06 0.00	26.06 1.89 0.00	25.42 1.77 0.00	25.55 1.78 0.00	24.59 1.74 0.00	23.31 1.46 0.00	22.88 1.48 0.00	22.32 1.54 0.00	24.81 1.71 0.00	27.03 1.89 0.00	29.68 2.12 0.00	32.29 2.80 0.00	29.70 2.50 0.00	25.74 2.19 0.00	23.95 2.12 0.00	22.21 1.91 0.00
N SALMON___HYD 24042	19.58 0.40 0.00	19.13 0.41 0.00	18.12 0.37 0.00	17.43 0.34 0.00	18.23 0.41 0.00	19.67 0.44 0.00	23.43 0.53 0.00	27.13 0.53 0.00	25.93 0.46 0.00	24.63 0.46 0.00	24.33 0.69 0.00	24.36 0.59 0.00	23.19 0.34 0.00	22.22 0.37 0.00	21.96 0.56 0.00	21.20 0.42 0.00	23.73 0.62 0.00	25.60 0.45 0.00	27.98 0.41 0.00	30.02 0.53 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.14 0.31 0.00	20.62 0.32 0.00
N.AKRON___115KV_KNAPP 355671	18.45 -0.73 0.00	18.22 -0.51 0.00	17.38 -0.37 0.00	16.66 -0.43 0.00	17.54 -0.29 0.00	18.50 -0.73 0.00	21.83 -1.08 0.00	24.92 -1.68 0.00	23.46 -2.01 0.00	22.48 -1.69 0.00	21.82 -1.82 0.00	22.01 -1.76 0.00	20.89 -1.97 0.00	20.49 -1.35 0.00	20.12 -1.28 0.00	19.56 -1.23 0.00	21.30 -1.80 0.00	23.21 -1.94 0.00	25.44 -2.12 0.00	27.27 -2.21 0.00	25.52 -1.69 0.00	22.16 -1.39 0.00	20.70 -1.14 0.00	19.45 -0.85 0.00
N.BELMOR_69_KV_BK1 55787	19.94 0.77 0.00	19.36 0.64 0.00	18.32 0.57 0.00	17.60 0.51 0.00	18.34 0.52 0.00	20.02 0.79 0.00	26.85 1.15 -2.80	28.71 1.41 -0.70	28.17 1.43 -1.27	27.58 1.28 -2.13	24.85 1.21 0.00	25.05 1.28 0.00	24.18 1.33 0.00	22.98 1.14 0.00	23.46 1.16 -0.90	23.82 1.18 -1.85	24.45 1.34 0.00	26.58 1.43 0.00	29.02 1.46 0.00	31.08 1.59 0.00	28.56 1.36 0.00	25.25 1.25 -0.46	23.82 1.20 -0.79	21.94 1.08 -0.56
N.E._GEN_SANDY PD 24062	19.41 0.23 0.00	18.91 0.19 0.00	17.98 0.23 0.00	17.29 0.21 0.00	18.00 0.18 0.00	19.37 0.14 0.00	23.29 0.39 0.00	27.05 0.45 0.00	26.03 0.56 0.00	24.68 0.51 0.00	24.09 0.45 0.00	24.22 0.45 0.00	23.24 0.39 0.00	22.24 0.39 0.00	21.79 0.39 0.00	21.47 0.37 -0.31	23.28 0.49 0.31	25.70 0.55 0.00	28.14 0.58 0.00	29.95 0.47 0.00	27.58 0.38 0.00	23.90 0.35 0.00	22.12 0.28 0.00	20.52 0.22 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.98 0.16 0.00	19.56 0.33 0.00	23.50 0.60 0.00	27.37 0.77 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.46 0.69 0.00	23.58 0.73 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.43 0.64 0.00	23.89 0.79 0.00	26.00 0.85 0.00	28.58 1.02 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.18 0.64 0.00	22.47 0.63 0.00	20.87 0.57 0.00
N.QUEENS_27_KV_LOAD 356247	19.73 0.56 0.00	19.17 0.45 0.00	18.11 0.36 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.71 0.48 0.00	23.43 0.53 0.00	27.32 0.72 0.00	26.29 0.82 0.00	24.87 0.70 0.00	24.35 0.71 0.00	24.55 0.78 0.00	23.70 0.85 0.00	22.53 0.68 0.00	22.07 0.66 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.52 1.03 0.00	28.07 0.87 0.00	24.13 0.59 0.00	22.67 0.83 0.00	21.15 0.85 0.00
N.TROY___115KV_TB1 355778	19.52 0.35 0.00	19.06 0.34 0.00	18.05 0.30 0.00	17.39 0.31 0.00	18.09 0.27 0.00	19.56 0.33 0.00	23.39 0.48 0.00	27.18 0.59 0.00	26.16 0.69 0.00	24.80 0.63 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.40 0.55 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.20 0.42 0.00	23.64 0.53 0.00	25.72 0.58 0.00	28.17 0.61 0.00	30.04 0.56 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.62 0.32 0.00
NARROWS_GT1_1 24228	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_2 24229	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_3 24230	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_4 24231	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_5 24232	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_6 24233	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT1_7 24234	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00

NARROWS_GT1_8 24235	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_1 24236	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_2 24237	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_3 24238	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_4 24239	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_5 24240	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_6 24241	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_7 24242	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NARROWS_GT2_8 24243	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.00 0.82 0.00	19.53 0.81 0.00	18.48 0.73 0.00	17.78 0.70 0.00	18.55 0.73 0.00	20.06 0.83 0.00	24.00 1.10 0.00	27.88 1.28 0.00	26.67 1.20 0.00	25.21 1.04 0.00	24.54 0.90 0.00	24.65 0.88 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.16 0.75 0.00	21.47 0.69 0.00	24.01 0.90 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.75 1.27 0.00	28.45 1.25 0.00	24.63 1.08 0.00	22.75 0.92 0.00	21.13 0.83 0.00
NCHELSEA_115KV_TR2 355582	19.67 0.50 0.00	19.15 0.43 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.12 0.30 0.00	19.69 0.46 0.00	23.64 0.73 0.00	27.53 0.93 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.42 0.78 0.00	24.55 0.78 0.00	23.67 0.82 0.00	22.55 0.70 0.00	22.09 0.69 0.00	21.47 0.69 0.00	23.98 0.88 0.00	26.07 0.93 0.00	28.66 1.10 0.00	30.58 1.09 0.00	28.21 1.01 0.00	24.32 0.78 0.00	22.56 0.72 0.00	20.95 0.65 0.00
NEG CAPITAL___MECHNVIL 23645	19.71 0.54 0.00	19.23 0.51 0.00	18.23 0.48 0.00	17.55 0.46 0.00	18.28 0.46 0.00	19.69 0.46 0.00	23.66 0.75 0.00	27.56 0.96 0.00	26.49 1.02 0.00	25.11 0.94 0.00	24.54 0.90 0.00	24.62 0.85 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.11 0.71 0.00	21.45 0.66 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.46 0.97 0.00	28.13 0.93 0.00	24.35 0.80 0.00	22.56 0.72 0.00	20.89 0.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.48 -0.69 0.00	18.12 -0.60 0.00	17.13 -0.62 0.00	16.50 -0.58 0.00	17.23 -0.59 0.00	18.69 -0.54 0.00	21.78 -1.12 0.00	25.24 -1.36 0.00	24.07 -1.40 0.00	22.89 -1.28 0.00	22.34 -1.30 0.00	22.46 -1.31 0.00	21.71 -1.14 0.00	20.73 -1.11 0.00	20.32 -1.09 0.00	19.77 -1.02 0.00	21.86 -1.25 0.00	23.68 -1.46 0.00	25.94 -1.63 0.00	27.86 -1.62 0.00	25.87 -1.33 0.00	22.39 -1.15 0.00	20.81 -1.03 0.00	19.45 -0.85 0.00
NEG CENTRAL___DRP 24199	19.65 0.48 0.00	19.25 0.52 0.00	18.25 0.50 0.00	17.56 0.48 0.00	18.41 0.59 0.00	19.71 0.48 0.00	23.59 0.69 0.00	27.45 0.85 0.00	26.03 0.56 0.00	24.73 0.56 0.00	24.26 0.61 0.00	24.39 0.62 0.00	23.31 0.46 0.00	22.33 0.48 0.00	21.88 0.47 0.00	21.39 0.60 0.00	23.73 0.62 0.00	25.44 0.30 0.00	27.95 0.39 0.00	30.02 0.53 0.00	27.77 0.57 0.00	24.04 0.49 0.00	22.30 0.46 0.00	20.75 0.45 0.00
NEG CENTRAL___INDECK 23768	19.75 0.57 0.00	19.38 0.65 0.00	18.28 0.53 0.00	17.61 0.53 0.00	18.43 0.61 0.00	20.00 0.77 0.00	23.48 0.57 0.00	27.24 0.64 0.00	25.72 0.25 0.00	24.39 0.22 0.00	23.74 0.09 0.00	23.86 0.10 0.00	22.99 0.14 0.00	21.94 0.09 0.00	21.52 0.11 0.00	20.93 0.15 0.00	23.20 0.09 0.00	25.29 0.15 0.00	27.89 0.33 0.00	30.13 0.65 0.00	28.02 0.82 0.00	24.20 0.66 0.00	22.45 0.61 0.00	20.97 0.67 0.00

NEG CENTRAL___SENECA 23627	19.92 0.75 0.00	19.51 0.79 0.00	18.51 0.76 0.00	17.80 0.72 0.00	18.68 0.86 0.00	19.98 0.75 0.00	23.98 1.08 0.00	27.96 1.36 0.00	26.41 0.94 0.00	25.09 0.92 0.00	24.63 0.99 0.00	24.79 1.02 0.00	23.67 0.82 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.64 0.85 0.00	23.96 0.85 0.00	25.80 0.65 0.00	28.36 0.80 0.00	30.49 1.00 0.00	28.26 1.06 0.00	24.44 0.89 0.00	22.64 0.81 0.00	21.11 0.81 0.00
NEG CENTRAL___STATE_STREET 24147	19.40 0.23 0.00	18.97 0.24 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.11 0.29 0.00	19.42 0.19 0.00	23.18 0.27 0.00	26.94 0.35 0.00	25.67 0.20 0.00	24.39 0.22 0.00	23.90 0.26 0.00	24.05 0.29 0.00	23.01 0.16 0.00	22.07 0.22 0.00	21.62 0.21 0.00	21.20 0.42 0.00	23.52 0.42 0.00	25.19 0.05 0.00	27.62 0.06 0.00	29.57 0.09 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.97 0.13 0.00	20.40 0.10 0.00
NEG MILLWOOD___DRP 24198	19.69 0.52 0.00	19.19 0.47 0.00	18.12 0.37 0.00	17.48 0.39 0.00	18.12 0.30 0.00	19.71 0.48 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.11 0.94 0.00	24.56 0.92 0.00	24.72 0.95 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.22 0.81 0.00	21.60 0.81 0.00	24.12 1.02 0.00	26.22 1.08 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.34 1.14 0.00	24.42 0.87 0.00	22.64 0.81 0.00	21.03 0.73 0.00
NEG NORTH_FLCN_SEA 23793	19.88 0.71 0.00	19.45 0.73 0.00	18.43 0.67 0.00	17.72 0.63 0.00	18.53 0.71 0.00	19.98 0.75 0.00	23.78 0.87 0.00	27.24 0.64 0.00	25.98 0.51 0.00	24.70 0.53 0.00	24.63 0.99 0.00	24.65 0.88 0.00	23.44 0.59 0.00	22.46 0.61 0.00	21.97 0.56 0.00	21.28 0.50 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.33 0.77 0.00	30.43 0.94 0.00	28.05 0.84 0.00	24.28 0.73 0.00	22.43 0.59 0.00	20.89 0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	19.67 0.50 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.50 0.60 0.00	27.10 0.51 0.00	25.88 0.41 0.00	24.58 0.41 0.00	24.35 0.71 0.00	24.36 0.59 0.00	23.17 0.32 0.00	22.20 0.35 0.00	21.64 0.24 0.00	20.99 0.21 0.00	23.41 0.30 0.00	25.39 0.25 0.00	28.03 0.47 0.00	30.10 0.62 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.16 0.33 0.00	20.66 0.37 0.00
NEG NORTH___ALICE_FALLS 23915	19.92 0.75 0.00	19.47 0.75 0.00	18.46 0.71 0.00	17.73 0.65 0.00	18.55 0.73 0.00	20.02 0.79 0.00	23.84 0.94 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.85 0.68 0.00	24.71 1.06 0.00	24.72 0.95 0.00	23.49 0.64 0.00	22.53 0.68 0.00	22.01 0.60 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.80 0.65 0.00	28.42 0.85 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.37 0.82 0.00	22.47 0.63 0.00	20.95 0.65 0.00
NEG NORTH___LWR_SARANAC 23913	19.92 0.75 0.00	19.47 0.75 0.00	18.46 0.71 0.00	17.73 0.65 0.00	18.55 0.73 0.00	20.02 0.79 0.00	23.84 0.94 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.85 0.68 0.00	24.71 1.06 0.00	24.72 0.95 0.00	23.49 0.64 0.00	22.53 0.68 0.00	22.01 0.60 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.80 0.65 0.00	28.42 0.85 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.37 0.82 0.00	22.47 0.63 0.00	20.95 0.65 0.00
NEG NORTH___PLATTSBURG 23628	19.92 0.75 0.00	19.47 0.75 0.00	18.46 0.71 0.00	17.73 0.65 0.00	18.55 0.73 0.00	20.04 0.81 0.00	23.84 0.94 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.85 0.68 0.00	24.71 1.06 0.00	24.72 0.95 0.00	23.49 0.64 0.00	22.53 0.68 0.00	22.01 0.60 0.00	21.33 0.54 0.00	23.80 0.69 0.00	25.80 0.65 0.00	28.42 0.86 0.00	30.46 0.97 0.00	28.13 0.93 0.00	24.37 0.82 0.00	22.47 0.63 0.00	20.95 0.65 0.00
NEG WEST_LEA_LOCKPORT 23791	18.16 -1.02 0.00	17.96 -0.77 0.00	17.13 -0.62 0.00	16.42 -0.67 0.00	17.30 -0.52 0.00	18.21 -1.02 0.00	21.44 -1.47 0.00	24.31 -2.29 0.00	22.92 -2.55 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	20.43 -2.42 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.84 -2.26 0.00	22.70 -2.44 0.00	24.89 -2.67 0.00	26.60 -2.89 0.00	24.92 -2.28 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.10 -1.20 0.00
NEG WEST___LANCASTER 23811	19.16 -0.02 0.00	18.89 0.17 0.00	18.02 0.27 0.00	17.27 0.19 0.00	18.20 0.37 0.00	19.21 -0.02 0.00	22.79 -0.11 0.00	25.69 -0.90 0.00	24.17 -1.30 0.00	23.16 -1.02 0.00	22.51 -1.13 0.00	22.63 -1.14 0.00	21.57 -1.28 0.00	21.08 -0.76 0.00	20.75 -0.66 0.00	20.14 -0.64 0.00	21.90 -1.20 0.00	23.94 -1.21 0.00	26.32 -1.24 0.00	28.16 -1.33 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.29 -0.55 0.00	20.18 -0.12 0.00
NEG_PENN_ALLEGHNY 23528	19.42 0.25 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	18.09 0.27 0.00	19.54 0.31 0.00	23.18 0.28 0.00	26.81 0.21 0.00	25.55 0.08 0.00	24.27 0.10 0.00	23.71 0.07 0.00	23.86 0.10 0.00	22.97 0.11 0.00	21.96 0.11 0.00	21.54 0.13 0.00	20.91 0.13 0.00	23.15 0.05 0.00	25.19 0.05 0.00	27.65 0.08 0.00	29.63 0.15 0.00	27.39 0.19 0.00	23.71 0.17 0.00	22.01 0.17 0.00	20.54 0.24 0.00
NEG___GEN_MONROE 24207	18.71 -0.46 0.00	18.44 -0.28 0.00	17.57 -0.18 0.00	16.86 -0.22 0.00	17.68 -0.14 0.00	18.81 -0.42 0.00	22.26 -0.64 0.00	25.69 -0.90 0.00	24.37 -1.10 0.00	23.28 -0.89 0.00	22.60 -1.04 0.00	22.67 -1.09 0.00	21.59 -1.26 0.00	20.93 -0.92 0.00	20.49 -0.92 0.00	19.87 -0.91 0.00	21.81 -1.29 0.00	23.73 -1.41 0.00	26.02 -1.54 0.00	27.86 -1.62 0.00	25.95 -1.25 0.00	22.53 -1.01 0.00	20.94 -0.90 0.00	19.57 -0.73 0.00
NEPA___ENERGY 23901	18.87 -0.31 0.00	18.61 -0.11 0.00	17.75 0.00 0.00	17.02 -0.07 0.00	17.93 0.11 0.00	18.92 -0.31 0.00	22.47 -0.44 0.00	25.40 -1.20 0.00	23.87 -1.60 0.00	22.84 -1.33 0.00	22.20 -1.44 0.00	22.32 -1.45 0.00	21.30 -1.55 0.00	20.80 -1.05 0.00	20.49 -0.92 0.00	19.89 -0.89 0.00	21.63 -1.48 0.00	23.63 -1.51 0.00	25.99 -1.57 0.00	27.86 -1.62 0.00	26.01 -1.20 0.00	22.53 -1.01 0.00	21.03 -0.81 0.00	19.85 -0.45 0.00
NEVERSINK___HYD 23608	20.02 0.84 0.00	19.55 0.82 0.00	18.50 0.75 0.00	17.78 0.70 0.00	18.54 0.71 0.00	20.02 0.79 0.00	24.12 1.21 0.00	28.03 1.44 0.00	26.79 1.32 0.00	25.36 1.18 0.00	24.73 1.09 0.00	24.86 1.09 0.00	23.74 0.89 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.15 1.01 0.00	28.80 1.24 0.00	30.81 1.33 0.00	28.40 1.20 0.00	24.49 0.94 0.00	22.73 0.90 0.00	21.11 0.81 0.00
NEWKRMKL_115KV_TB1 55635	19.65 0.48 0.00	19.19 0.47 0.00	18.18 0.43 0.00	17.49 0.41 0.00	18.23 0.41 0.00	19.71 0.48 0.00	23.55 0.64 0.00	27.37 0.77 0.00	26.34 0.87 0.00	24.97 0.80 0.00	24.37 0.73 0.00	24.48 0.71 0.00	23.58 0.73 0.00	22.50 0.66 0.00	22.03 0.62 0.00	21.37 0.58 0.00	23.82 0.72 0.00	25.87 0.73 0.00	28.36 0.80 0.00	30.22 0.74 0.00	27.88 0.68 0.00	24.13 0.59 0.00	22.36 0.52 0.00	20.77 0.47 0.00

NEWTON___FALLS_HYD 23847	18.66 -0.52 0.00	18.22 -0.51 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.98 -0.50 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00
NGRID_A1_DSASP 323792	18.02 -1.15 0.00	17.79 -0.94 0.00	16.77 -0.98 0.00	16.14 -0.94 0.00	16.95 -0.87 0.00	18.46 -0.77 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.54 -2.93 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.96 -2.80 0.00	20.52 -2.33 0.00	19.64 -2.21 0.00	19.31 -2.10 0.00	18.75 -2.04 0.00	20.45 -2.66 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	26.06 -3.42 0.00	24.40 -2.80 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.80 -1.50 0.00
NGRID_A2_DSASP 323793	18.02 -1.15 0.00	17.79 -0.94 0.00	16.77 -0.98 0.00	16.14 -0.94 0.00	16.95 -0.87 0.00	18.46 -0.77 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.54 -2.93 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.96 -2.80 0.00	20.52 -2.33 0.00	19.64 -2.21 0.00	19.31 -2.10 0.00	18.75 -2.04 0.00	20.45 -2.66 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	26.06 -3.42 0.00	24.40 -2.80 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.80 -1.50 0.00
NGRID_A4_DSASP 323807	18.02 -1.15 0.00	17.79 -0.94 0.00	16.77 -0.98 0.00	16.14 -0.94 0.00	16.95 -0.87 0.00	18.46 -0.77 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.54 -2.93 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.96 -2.80 0.00	20.52 -2.33 0.00	19.64 -2.21 0.00	19.31 -2.10 0.00	18.75 -2.04 0.00	20.45 -2.66 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	26.06 -3.42 0.00	24.40 -2.80 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.80 -1.50 0.00
NIAGARA_115E_LBMP 323715	18.10 -1.07 0.00	17.84 -0.88 0.00	16.83 -0.92 0.00	16.21 -0.87 0.00	17.00 -0.82 0.00	18.54 -0.69 0.00	21.03 -1.88 0.00	23.81 -2.79 0.00	22.64 -2.83 0.00	21.59 -2.59 0.00	20.95 -2.70 0.00	21.06 -2.71 0.00	20.61 -2.24 0.00	19.71 -2.14 0.00	19.37 -2.03 0.00	18.81 -1.98 0.00	20.52 -2.59 0.00	22.28 -2.87 0.00	24.42 -3.14 0.00	26.18 -3.30 0.00	24.54 -2.66 0.00	21.24 -2.31 0.00	19.92 -1.92 0.00	18.88 -1.42 0.00
NIAGARA_115W_LBMP 323714	17.99 -1.19 0.00	17.73 -0.99 0.00	16.72 -1.03 0.00	16.11 -0.97 0.00	16.89 -0.93 0.00	18.42 -0.81 0.00	20.87 -2.04 0.00	23.62 -2.98 0.00	22.49 -2.98 0.00	21.44 -2.73 0.00	20.80 -2.84 0.00	20.91 -2.85 0.00	20.47 -2.38 0.00	19.60 -2.25 0.00	19.25 -2.16 0.00	18.69 -2.10 0.00	20.38 -2.73 0.00	22.10 -3.04 0.00	24.25 -3.31 0.00	25.98 -3.51 0.00	24.35 -2.86 0.00	21.07 -2.47 0.00	19.76 -2.08 0.00	18.74 -1.56 0.00
NIAGARA_230_LBMP 323716	18.27 -0.90 0.00	18.03 -0.69 0.00	17.01 -0.74 0.00	16.37 -0.72 0.00	17.16 -0.66 0.00	18.71 -0.52 0.00	21.26 -1.65 0.00	24.07 -2.53 0.00	22.90 -2.57 0.00	21.83 -2.34 0.00	21.18 -2.46 0.00	21.30 -2.47 0.00	20.84 -2.01 0.00	19.95 -1.90 0.00	19.59 -1.82 0.00	19.02 -1.77 0.00	20.77 -2.33 0.00	22.53 -2.62 0.00	24.70 -2.87 0.00	26.48 -3.01 0.00	24.78 -2.42 0.00	21.47 -2.07 0.00	20.11 -1.73 0.00	19.06 -1.24 0.00
NIAGARA___115KV_198_GIBSON 55903	17.72 -1.46 0.00	17.53 -1.20 0.00	16.72 -1.03 0.00	16.04 -1.04 0.00	16.90 -0.93 0.00	17.77 -1.46 0.00	20.87 -2.04 0.00	23.62 -2.98 0.00	22.31 -3.16 0.00	21.44 -2.73 0.00	20.80 -2.84 0.00	20.92 -2.85 0.00	19.90 -2.95 0.00	19.60 -2.25 0.00	19.25 -2.16 0.00	18.69 -2.10 0.00	20.33 -2.77 0.00	22.10 -3.04 0.00	24.23 -3.34 0.00	25.86 -3.63 0.00	24.24 -2.97 0.00	21.07 -2.47 0.00	19.76 -2.07 0.00	18.63 -1.66 0.00
NIAGARA____ 23760	18.27 -0.90 0.00	18.03 -0.69 0.00	17.01 -0.74 0.00	16.37 -0.72 0.00	17.16 -0.66 0.00	18.71 -0.52 0.00	21.26 -1.65 0.00	24.07 -2.53 0.00	22.90 -2.57 0.00	21.83 -2.34 0.00	21.18 -2.46 0.00	21.30 -2.47 0.00	20.84 -2.01 0.00	19.95 -1.90 0.00	19.59 -1.82 0.00	19.02 -1.77 0.00	20.77 -2.33 0.00	22.53 -2.62 0.00	24.70 -2.87 0.00	26.48 -3.01 0.00	24.78 -2.42 0.00	21.47 -2.07 0.00	20.11 -1.73 0.00	19.06 -1.24 0.00
NINE_MILE_1 23575	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.47 -0.36 0.00	18.86 -0.37 0.00	22.24 -0.66 0.00	25.77 -0.82 0.00	24.65 -0.82 0.00	23.42 -0.75 0.00	22.91 -0.73 0.00	23.03 -0.74 0.00	22.17 -0.68 0.00	21.17 -0.68 0.00	20.75 -0.66 0.00	20.14 -0.64 0.00	22.43 -0.67 0.00	24.41 -0.73 0.00	26.76 -0.80 0.00	28.63 -0.86 0.00	26.47 -0.73 0.00	22.91 -0.63 0.00	21.25 -0.59 0.00	19.77 -0.53 0.00
NINE_MILE_2 23744	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.86 -0.37 0.00	22.24 -0.66 0.00	25.80 -0.80 0.00	24.65 -0.82 0.00	23.42 -0.75 0.00	22.91 -0.73 0.00	23.03 -0.74 0.00	22.17 -0.68 0.00	21.17 -0.68 0.00	20.75 -0.66 0.00	20.14 -0.64 0.00	22.43 -0.67 0.00	24.41 -0.73 0.00	26.76 -0.80 0.00	28.66 -0.83 0.00	26.47 -0.73 0.00	22.91 -0.63 0.00	21.27 -0.57 0.00	19.77 -0.53 0.00
NM_CAPITAL___DRP 24208	19.60 0.42 0.00	19.12 0.39 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.28 0.50 0.00	23.71 0.60 0.00	25.77 0.63 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.77 0.57 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
NM_CENTRAL___DRP 24181	19.08 -0.10 0.00	18.67 -0.06 0.00	17.72 -0.04 0.00	17.05 -0.03 0.00	17.82 0.00 0.00	19.12 -0.12 0.00	22.72 -0.18 0.00	26.36 -0.24 0.00	25.14 -0.33 0.00	23.91 -0.27 0.00	23.41 -0.24 0.00	23.55 -0.21 0.00	22.58 -0.27 0.00	21.65 -0.20 0.00	21.19 -0.21 0.00	20.60 -0.19 0.00	22.94 -0.16 0.00	24.89 -0.25 0.00	27.26 -0.30 0.00	29.16 -0.32 0.00	26.96 -0.24 0.00	23.36 -0.19 0.00	21.68 -0.15 0.00	20.16 -0.14 0.00
NM_FRONTIER___DRP 24179	17.72 -1.46 0.00	17.53 -1.20 0.00	16.72 -1.03 0.00	16.04 -1.04 0.00	16.90 -0.93 0.00	17.77 -1.46 0.00	20.87 -2.04 0.00	23.62 -2.98 0.00	22.31 -3.16 0.00	21.44 -2.73 0.00	20.80 -2.84 0.00	20.92 -2.85 0.00	19.90 -2.95 0.00	19.60 -2.25 0.00	19.25 -2.16 0.00	18.69 -2.10 0.00	20.33 -2.77 0.00	22.10 -3.04 0.00	24.23 -3.34 0.00	25.86 -3.63 0.00	24.24 -2.97 0.00	21.07 -2.47 0.00	19.76 -2.07 0.00	18.63 -1.66 0.00
NM_ST_REGIS___HYD 24053	18.89 -0.29 0.00	18.44 -0.28 0.00	17.47 -0.28 0.00	16.81 -0.27 0.00	17.55 -0.27 0.00	19.00 -0.23 0.00	22.61 -0.30 0.00	26.28 -0.32 0.00	25.14 -0.33 0.00	23.88 -0.29 0.00	23.48 -0.17 0.00	23.55 -0.21 0.00	22.53 -0.32 0.00	21.54 -0.31 0.00	21.17 -0.24 0.00	20.52 -0.27 0.00	22.87 -0.23 0.00	24.77 -0.38 0.00	27.15 -0.41 0.00	29.22 -0.27 0.00	26.90 -0.30 0.00	23.29 -0.26 0.00	21.51 -0.33 0.00	19.99 -0.30 0.00

NORTHPORT___1 23551	19.79 0.61 0.00	19.25 0.52 0.00	18.27 0.52 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.74 0.50 -0.01	26.79 1.08 -2.80	28.54 1.22 -0.71	28.00 1.25 -1.28	27.47 1.16 -2.14	24.64 0.99 -0.01	24.82 1.04 -0.01	23.68 0.82 -0.01	22.93 1.07 -0.01	23.36 1.05 -0.91	23.68 1.04 -1.86	24.21 1.11 0.00	26.32 1.18 0.00	28.64 1.07 0.00	30.63 1.15 0.00	28.07 0.87 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.85 0.97 -0.57
NORTHPORT___2 23552	19.79 0.61 0.00	19.25 0.52 0.00	18.27 0.52 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.74 0.50 -0.01	26.79 1.08 -2.80	28.54 1.22 -0.71	28.00 1.25 -1.28	27.47 1.16 -2.14	24.64 0.99 -0.01	24.82 1.04 -0.01	23.68 0.82 -0.01	22.93 1.07 -0.01	23.36 1.05 -0.91	23.68 1.04 -1.86	24.21 1.11 0.00	26.32 1.18 0.00	28.64 1.07 0.00	30.63 1.15 0.00	28.07 0.87 0.00	25.02 1.01 -0.46	23.68 1.05 -0.79	21.85 0.97 -0.57
NORTHPORT___3 23553	20.06 0.88 0.00	19.51 0.79 0.00	18.51 0.76 0.00	17.75 0.67 0.00	18.54 0.71 0.00	20.01 0.77 -0.01	27.11 1.40 -2.80	29.04 1.73 -0.71	28.46 1.71 -1.28	27.88 1.57 -2.14	25.12 1.47 -0.01	25.32 1.54 -0.01	24.18 1.32 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.07 1.43 -1.86	24.68 1.57 0.00	26.85 1.71 0.00	29.30 1.74 0.00	31.37 1.89 0.00	28.75 1.55 0.00	25.50 1.48 -0.46	24.07 1.44 -0.79	22.17 1.30 -0.57
NORTHPORT___4 23650	20.06 0.88 0.00	19.51 0.79 0.00	18.51 0.76 0.00	17.75 0.67 0.00	18.54 0.71 0.00	20.01 0.77 -0.01	27.11 1.40 -2.80	29.04 1.73 -0.71	28.46 1.71 -1.28	27.88 1.57 -2.14	25.12 1.47 -0.01	25.32 1.54 -0.01	24.18 1.32 -0.01	23.26 1.40 -0.01	23.73 1.41 -0.91	24.07 1.43 -1.86	24.68 1.57 0.00	26.85 1.71 0.00	29.30 1.74 0.00	31.37 1.89 0.00	28.75 1.55 0.00	25.50 1.48 -0.46	24.07 1.44 -0.79	22.17 1.30 -0.57
NORTHPORT___IC 23718	19.86 0.69 0.00	19.27 0.54 0.00	18.27 0.51 0.00	17.53 0.44 0.00	18.29 0.46 0.00	19.96 0.73 0.00	26.78 1.08 -2.80	28.53 1.22 -0.70	28.02 1.27 -1.27	27.46 1.16 -2.13	24.63 0.99 0.00	24.81 1.05 0.00	24.04 1.19 0.00	22.92 1.07 0.00	23.36 1.05 -0.90	23.67 1.04 -1.85	24.24 1.13 0.00	26.30 1.16 0.00	28.64 1.07 0.00	30.63 1.15 0.00	28.18 0.98 0.00	25.02 1.01 -0.46	23.65 1.03 -0.79	21.86 0.99 -0.56
NORTH___COUNTRY_ESR 323785	19.60 0.42 0.00	19.15 0.43 0.00	18.14 0.39 0.00	17.44 0.36 0.00	18.23 0.41 0.00	19.65 0.42 0.00	23.41 0.50 0.00	27.00 0.40 0.00	25.80 0.33 0.00	24.51 0.34 0.00	24.28 0.64 0.00	24.31 0.55 0.00	23.10 0.25 0.00	22.13 0.28 0.00	21.60 0.19 0.00	20.93 0.15 0.00	23.34 0.23 0.00	25.32 0.18 0.00	27.92 0.36 0.00	29.90 0.41 0.00	27.61 0.41 0.00	23.92 0.38 0.00	22.10 0.26 0.00	20.58 0.28 0.00
NPX_GEN_1385_PROXY 323591	19.79 0.61 0.00	19.25 0.52 0.00	18.27 0.52 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.74 0.50 -0.01	26.79 1.08 -2.80	28.59 1.28 -0.71	28.00 1.25 -1.28	27.40 1.09 -2.14	24.57 0.92 -0.01	24.66 0.88 -0.01	23.52 0.66 -0.01	22.93 1.07 -0.01	23.30 0.99 -0.91	23.89 0.94 -2.17	23.74 0.95 0.31	26.30 1.16 0.00	28.53 0.96 0.00	30.43 0.94 0.00	27.91 0.71 0.00	25.00 0.99 -0.46	23.37 0.74 -0.79	21.62 0.75 -0.57
NPX_GEN_CSC 323557	20.13 0.96 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.07 0.83 -0.01	27.24 1.53 -2.80	29.17 1.86 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.16 1.51 -0.01	25.34 1.57 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.39 1.43 -2.17	24.38 1.59 0.31	26.93 1.79 0.00	28.99 1.43 0.00	31.13 1.65 0.00	28.48 1.28 0.00	25.52 1.51 -0.46	24.20 1.57 -0.79	22.31 1.44 -0.57
NSINS_S_GLNS_FALLS 23858	19.83 0.65 0.00	19.36 0.64 0.00	18.30 0.55 0.00	17.61 0.53 0.00	18.37 0.55 0.00	19.81 0.58 0.00	23.82 0.92 0.00	27.82 1.22 0.00	26.74 1.27 0.00	25.36 1.18 0.00	24.80 1.16 0.00	24.81 1.05 0.00	23.92 1.07 0.00	22.79 0.94 0.00	22.24 0.83 0.00	21.58 0.79 0.00	24.05 0.95 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.72 1.24 0.00	28.43 1.22 0.00	24.56 1.01 0.00	22.75 0.92 0.00	21.05 0.75 0.00
NUCOR_STEEL___DRP 24197	19.44 0.27 0.00	19.00 0.28 0.00	18.03 0.28 0.00	17.36 0.27 0.00	18.16 0.34 0.00	19.46 0.23 0.00	23.18 0.27 0.00	26.92 0.32 0.00	25.65 0.18 0.00	24.36 0.19 0.00	23.88 0.24 0.00	24.05 0.29 0.00	22.99 0.14 0.00	22.04 0.20 0.00	21.60 0.19 0.00	21.18 0.39 0.00	23.52 0.42 0.00	25.19 0.05 0.00	27.59 0.03 0.00	29.54 0.06 0.00	27.34 0.14 0.00	23.69 0.14 0.00	21.97 0.13 0.00	20.42 0.12 0.00
NUMBER_THREE_WT_PWR 323818	19.17 0.00 0.00	18.70 -0.02 0.00	17.72 -0.04 0.00	17.05 -0.03 0.00	17.82 0.00 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.76 0.16 0.00	25.50 0.03 0.00	24.10 -0.07 0.00	23.52 -0.12 0.00	23.65 -0.12 0.00	22.69 -0.16 0.00	21.65 -0.20 0.00	21.24 -0.17 0.00	20.64 -0.14 0.00	23.01 -0.09 0.00	25.12 -0.03 0.00	27.53 -0.03 0.00	29.72 0.23 0.00	27.39 0.19 0.00	23.71 0.17 0.00	21.97 0.13 0.00	20.32 0.02 0.00
NYISO_LBMP_REFERENCE 24008	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.82 0.00 0.00	19.23 0.00 0.00	22.91 0.00 0.00	26.60 0.00 0.00	25.47 0.00 0.00	24.17 0.00 0.00	23.64 0.00 0.00	23.77 0.00 0.00	22.85 0.00 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.79 0.00 0.00	23.11 0.00 0.00	25.14 0.00 0.00	27.56 0.00 0.00	29.48 0.00 0.00	27.20 0.00 0.00	23.55 0.00 0.00	21.84 0.00 0.00	20.30 0.00 0.00
NYPA_BRENTWD___GT 24164	20.04 0.86 0.00	19.47 0.75 0.00	18.50 0.75 0.00	17.73 0.65 0.00	18.52 0.69 0.00	19.99 0.75 -0.01	27.11 1.40 -2.80	28.99 1.68 -0.71	28.41 1.65 -1.28	27.83 1.52 -2.14	25.02 1.37 -0.01	25.23 1.45 -0.01	24.00 1.14 -0.01	23.19 1.33 -0.01	23.64 1.33 -0.91	23.97 1.33 -1.86	24.56 1.46 0.00	26.73 1.58 0.00	29.08 1.51 0.00	31.16 1.68 0.00	28.56 1.36 0.00	25.42 1.41 -0.46	24.03 1.40 -0.79	22.15 1.28 -0.57
NYPA_GOWANUS___GT5 24156	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NYPA_GOWANUS___GT6 24157	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.64 0.85 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.32 1.12 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00

NYPA_HARLEM__RVR__GT1 24160	19.62 0.44 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.41 0.50 0.00	27.26 0.67 0.01	26.23 0.76 0.01	24.84 0.68 0.01	24.29 0.66 0.01	24.50 0.74 0.01	23.53 0.68 0.01	22.47 0.63 0.01	22.04 0.64 0.01	21.46 0.68 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	28.01 0.82 0.01	24.10 0.56 0.01	22.62 0.78 0.00	21.11 0.81 0.00
NYPA_HARLEM__RVR__GT2 24161	19.62 0.44 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.41 0.50 0.00	27.26 0.67 0.01	26.23 0.76 0.01	24.84 0.68 0.01	24.29 0.66 0.01	24.50 0.74 0.01	23.53 0.68 0.01	22.47 0.63 0.01	22.04 0.64 0.01	21.46 0.68 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	28.01 0.82 0.01	24.10 0.56 0.01	22.62 0.78 0.00	21.11 0.81 0.00
NYPA_KENT____GT 24152	19.54 0.36 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.70 0.85 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.19 1.09 0.00	26.25 1.11 0.00	28.86 1.30 0.00	30.69 1.21 0.00	28.26 1.06 0.00	24.30 0.75 0.00	22.73 0.90 0.00	21.15 0.85 0.00
NYPA_POUCH1____GT 24155	19.56 0.38 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.02 0.20 0.00	19.40 0.17 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.36 0.89 0.00	24.94 0.77 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.16 0.75 0.00	21.60 0.81 0.00	24.21 1.11 0.00	26.25 1.11 0.00	28.89 1.32 0.00	30.60 1.12 0.00	28.29 1.09 0.00	24.32 0.78 0.00	22.78 0.94 0.00	21.17 0.87 0.00
NYPA_VERNON____GT2 24162	19.52 0.35 0.00	19.02 0.30 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.80 1.24 0.00	30.67 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.71 0.87 0.00	21.13 0.83 0.00
NYPA_VERNON____GT3 24163	19.52 0.35 0.00	19.02 0.30 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.42 0.19 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.15 1.04 0.00	26.20 1.06 0.00	28.80 1.24 0.00	30.67 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.71 0.87 0.00	21.13 0.83 0.00
NYPA__ASTORIA_CC1 323568	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.50 0.59 0.00	27.42 0.83 0.00	26.34 0.87 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.75 1.18 0.00	30.60 1.12 0.00	28.15 0.95 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
NYPA__ASTORIA_CC2 323569	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.50 0.59 0.00	27.42 0.83 0.00	26.34 0.87 0.00	24.97 0.80 0.00	24.42 0.78 0.00	24.62 0.85 0.00	23.63 0.78 0.00	22.59 0.74 0.00	22.14 0.73 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.75 1.18 0.00	30.60 1.12 0.00	28.15 0.95 0.00	24.23 0.68 0.00	22.69 0.85 0.00	21.13 0.83 0.00
NYPA__HOLTSVILL 23794	20.00 0.82 0.00	19.43 0.71 0.00	18.48 0.73 0.00	17.70 0.61 0.00	18.50 0.68 0.00	19.93 0.69 -0.01	27.06 1.35 -2.80	28.96 1.65 -0.71	28.36 1.61 -1.28	27.78 1.47 -2.14	24.97 1.32 -0.01	25.18 1.40 -0.01	23.91 1.05 -0.01	23.14 1.29 -0.01	23.60 1.28 -0.91	23.93 1.29 -1.86	24.54 1.43 0.00	26.73 1.58 0.00	28.97 1.40 0.00	31.08 1.59 0.00	28.45 1.25 0.00	25.38 1.37 -0.46	24.01 1.38 -0.79	22.13 1.26 -0.57
NYPA____HELLGATE_GT1 24158	19.62 0.44 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.41 0.50 0.00	27.26 0.67 0.01	26.23 0.76 0.01	24.84 0.68 0.01	24.29 0.66 0.01	24.50 0.74 0.01	23.53 0.68 0.01	22.47 0.63 0.01	22.04 0.64 0.01	21.46 0.68 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	28.01 0.82 0.01	24.10 0.56 0.01	22.62 0.78 0.00	21.11 0.81 0.00
NYPA____HELLGATE_GT2 24159	19.62 0.44 -0.01	19.12 0.39 0.00	18.07 0.32 0.00	17.36 0.27 0.00	18.05 0.23 0.00	19.42 0.19 0.00	23.41 0.50 0.00	27.26 0.67 0.01	26.23 0.76 0.01	24.84 0.68 0.01	24.29 0.66 0.01	24.50 0.74 0.01	23.53 0.68 0.01	22.47 0.63 0.01	22.04 0.64 0.01	21.46 0.68 0.01	24.00 0.90 0.01	26.01 0.88 0.01	28.60 1.05 0.01	30.45 0.97 0.01	28.01 0.82 0.01	24.10 0.56 0.01	22.62 0.78 0.00	21.11 0.81 0.00
NYS_BARGE__HYD 23848	18.41 -0.77 0.00	18.16 -0.56 0.00	17.13 -0.62 0.00	16.49 -0.60 0.00	17.30 -0.52 0.00	18.86 -0.37 0.00	21.42 -1.49 0.00	24.31 -2.29 0.00	23.10 -2.37 0.00	22.02 -2.15 0.00	21.37 -2.27 0.00	21.49 -2.28 0.00	21.00 -1.85 0.00	20.08 -1.77 0.00	19.74 -1.67 0.00	19.16 -1.62 0.00	20.91 -2.20 0.00	22.70 -2.44 0.00	24.92 -2.65 0.00	26.74 -2.74 0.00	25.03 -2.18 0.00	21.66 -1.88 0.00	20.29 -1.55 0.00	19.22 -1.08 0.00
OAK_ORCHARD__HYD 24046	18.81 -0.36 0.00	18.46 -0.26 0.00	17.43 -0.32 0.00	16.79 -0.29 0.00	17.55 -0.27 0.00	19.08 -0.15 0.00	22.13 -0.78 0.00	25.56 -1.04 0.00	24.38 -1.09 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.70 -1.07 0.00	21.98 -0.87 0.00	21.02 -0.83 0.00	20.60 -0.81 0.00	19.98 -0.81 0.00	22.04 -1.06 0.00	23.91 -1.23 0.00	26.21 -1.35 0.00	28.16 -1.33 0.00	26.20 -1.01 0.00	22.65 -0.89 0.00	21.09 -0.74 0.00	19.75 -0.55 0.00
OAKDALE__35_KV_LOAD 356122	19.35 0.17 0.00	18.93 0.21 0.00	17.96 0.21 0.00	17.27 0.19 0.00	18.07 0.25 0.00	19.38 0.15 0.00	23.13 0.23 0.00	26.76 0.16 0.00	25.47 0.00 0.00	24.22 0.05 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.85 0.00 0.00	21.91 0.07 0.00	21.49 0.09 0.00	20.87 0.08 0.00	23.13 0.02 0.00	25.14 0.00 0.00	27.59 0.03 0.00	29.57 0.09 0.00	27.34 0.14 0.00	23.66 0.12 0.00	21.97 0.13 0.00	20.48 0.18 0.00
OCC_CHEM__DRP 24175	17.76 -1.42 0.00	17.56 -1.16 0.00	16.77 -0.98 0.00	16.08 -1.01 0.00	16.95 -0.87 0.00	17.83 -1.40 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.36 -3.11 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.99 -2.78 0.00	19.95 -2.90 0.00	19.64 -2.21 0.00	19.29 -2.12 0.00	18.75 -2.04 0.00	20.38 -2.73 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	25.92 -3.57 0.00	24.32 -2.88 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.68 -1.62 0.00

OH_GEN_PROXY 24063	18.31 -0.86 0.00	18.05 -0.67 0.00	17.04 -0.71 0.00	16.40 -0.68 0.00	17.20 -0.62 0.00	18.73 -0.50 0.00	21.33 -1.58 0.00	24.18 -2.42 0.00	23.00 -2.47 0.00	21.92 -2.25 0.00	21.28 -2.36 0.00	21.39 -2.38 0.00	20.91 -1.94 0.00	20.01 -1.84 0.00	19.68 -1.73 0.00	19.42 -1.68 -0.31	20.55 -2.24 0.31	22.63 -2.51 0.00	24.81 -2.76 0.00	26.63 -2.86 0.00	24.89 -2.31 0.00	21.57 -1.98 0.00	20.20 -1.64 0.00	19.10 -1.20 0.00
OLIN_CORP_DRP 24177	17.87 -1.30 0.00	17.67 -1.05 0.00	16.88 -0.87 0.00	16.18 -0.91 0.00	17.06 -0.77 0.00	17.94 -1.29 0.00	21.07 -1.83 0.00	23.86 -2.74 0.00	22.54 -2.93 0.00	21.63 -2.54 0.00	21.02 -2.62 0.00	21.13 -2.64 0.00	20.11 -2.74 0.00	19.77 -2.08 0.00	19.42 -1.99 0.00	18.87 -1.91 0.00	20.52 -2.59 0.00	22.33 -2.82 0.00	24.48 -3.09 0.00	26.12 -3.36 0.00	24.51 -2.69 0.00	21.29 -2.26 0.00	19.96 -1.88 0.00	18.82 -1.48 0.00
OLIN_CORP_DSASP 323712	18.02 -1.15 0.00	17.79 -0.94 0.00	16.77 -0.98 0.00	16.14 -0.94 0.00	16.95 -0.87 0.00	18.46 -0.77 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.54 -2.93 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.96 -2.80 0.00	20.52 -2.33 0.00	19.64 -2.21 0.00	19.31 -2.10 0.00	18.75 -2.04 0.00	20.45 -2.66 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	26.06 -3.42 0.00	24.40 -2.80 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.80 -1.50 0.00
ONEIDA_HERK_LFGE 323681	19.44 0.27 0.00	18.97 0.24 0.00	17.96 0.21 0.00	17.29 0.21 0.00	18.07 0.25 0.00	19.56 0.33 0.00	23.25 0.34 0.00	27.13 0.53 0.00	25.90 0.43 0.00	24.51 0.34 0.00	23.95 0.31 0.00	24.08 0.31 0.00	23.15 0.30 0.00	22.09 0.24 0.00	21.64 0.24 0.00	21.04 0.25 0.00	23.38 0.28 0.00	25.49 0.35 0.00	27.92 0.36 0.00	30.07 0.59 0.00	27.69 0.49 0.00	23.97 0.42 0.00	22.23 0.39 0.00	20.58 0.28 0.00
ONEIDA___115KV_TB4 55905	19.65 0.48 0.00	19.19 0.47 0.00	18.19 0.44 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.75 0.52 0.00	23.50 0.60 0.00	27.40 0.80 0.00	26.13 0.66 0.00	24.78 0.60 0.00	24.21 0.57 0.00	24.34 0.57 0.00	23.40 0.55 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.28 0.50 0.00	23.64 0.53 0.00	25.75 0.60 0.00	28.20 0.63 0.00	30.31 0.83 0.00	27.96 0.76 0.00	24.21 0.66 0.00	22.45 0.61 0.00	20.81 0.51 0.00
ONONDAGA_REF_OCCRA 23987	19.17 0.00 0.00	18.76 0.04 0.00	17.80 0.05 0.00	17.12 0.03 0.00	17.89 0.07 0.00	19.21 -0.02 0.00	22.84 -0.07 0.00	26.52 -0.08 0.00	25.29 -0.18 0.00	24.05 -0.12 0.00	23.55 -0.09 0.00	23.67 -0.10 0.00	22.69 -0.16 0.00	21.76 -0.09 0.00	21.30 -0.11 0.00	20.72 -0.06 0.00	23.08 -0.02 0.00	25.02 -0.13 0.00	27.40 -0.17 0.00	29.34 -0.15 0.00	27.09 -0.11 0.00	23.48 -0.07 0.00	21.77 -0.07 0.00	20.24 -0.06 0.00
ONONDAGA___COGEN 23986	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
ONTARIO___LFGE 23819	20.02 0.84 0.00	19.59 0.86 0.00	18.51 0.76 0.00	17.82 0.73 0.00	18.68 0.86 0.00	20.21 0.98 0.00	23.98 1.08 0.00	27.95 1.36 0.00	26.44 0.97 0.00	25.09 0.92 0.00	24.63 0.99 0.00	24.79 1.02 0.00	23.79 0.94 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.64 0.85 0.00	23.96 0.86 0.00	25.80 0.65 0.00	28.36 0.80 0.00	30.52 1.03 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.65 0.81 0.00	21.15 0.85 0.00
ORANGEVILLE_WT_PWR 323706	18.62 -0.56 0.00	18.37 -0.36 0.00	17.32 -0.43 0.00	16.67 -0.41 0.00	17.50 -0.32 0.00	19.08 -0.15 0.00	21.76 -1.14 0.00	24.66 -1.94 0.00	23.43 -2.04 0.00	22.33 -1.84 0.00	21.73 -1.91 0.00	21.84 -1.92 0.00	21.32 -1.53 0.00	20.38 -1.46 0.00	20.04 -1.37 0.00	19.46 -1.33 0.00	21.21 -1.89 0.00	23.06 -2.09 0.00	25.33 -2.23 0.00	27.15 -2.33 0.00	25.38 -1.82 0.00	21.99 -1.55 0.00	20.57 -1.27 0.00	19.51 -0.79 0.00
ORANGEVILLE___ESR 323794	18.62 -0.56 0.00	18.37 -0.36 0.00	17.32 -0.43 0.00	16.67 -0.41 0.00	17.50 -0.32 0.00	19.08 -0.15 0.00	21.76 -1.14 0.00	24.66 -1.94 0.00	23.43 -2.04 0.00	22.33 -1.84 0.00	21.73 -1.91 0.00	21.84 -1.92 0.00	21.32 -1.53 0.00	20.38 -1.46 0.00	20.04 -1.37 0.00	19.46 -1.33 0.00	21.21 -1.89 0.00	23.06 -2.09 0.00	25.33 -2.23 0.00	27.15 -2.33 0.00	25.38 -1.82 0.00	21.99 -1.55 0.00	20.57 -1.27 0.00	19.51 -0.79 0.00
OSWEGATCHIE___HYD 24044	18.66 -0.52 0.00	18.22 -0.50 0.00	17.25 -0.50 0.00	16.61 -0.48 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.33 -0.57 0.00	26.04 -0.56 0.00	24.86 -0.61 0.00	23.54 -0.63 0.00	23.05 -0.59 0.00	23.15 -0.62 0.00	22.19 -0.66 0.00	21.17 -0.68 0.00	20.79 -0.62 0.00	20.18 -0.60 0.00	22.50 -0.60 0.00	24.49 -0.65 0.00	26.85 -0.72 0.00	28.92 -0.56 0.00	26.66 -0.54 0.00	23.08 -0.47 0.00	21.36 -0.48 0.00	19.79 -0.51 0.00
OSWEGO___5 23606	18.87 -0.31 0.00	18.44 -0.28 0.00	17.48 -0.27 0.00	16.83 -0.26 0.00	17.57 -0.25 0.00	18.96 -0.27 0.00	22.38 -0.53 0.00	25.96 -0.64 0.00	24.83 -0.64 0.00	23.57 -0.60 0.00	23.05 -0.59 0.00	23.17 -0.59 0.00	22.30 -0.55 0.00	21.32 -0.52 0.00	20.89 -0.51 0.00	20.29 -0.50 0.00	22.57 -0.53 0.00	24.64 -0.50 0.00	26.98 -0.58 0.00	28.90 -0.59 0.00	26.68 -0.52 0.00	23.12 -0.42 0.00	21.44 -0.39 0.00	19.95 -0.35 0.00
OSWEGO___6 23613	18.87 -0.31 0.00	18.44 -0.28 0.00	17.48 -0.27 0.00	16.83 -0.26 0.00	17.57 -0.25 0.00	18.96 -0.27 0.00	22.38 -0.53 0.00	25.96 -0.64 0.00	24.83 -0.64 0.00	23.57 -0.60 0.00	23.05 -0.59 0.00	23.17 -0.59 0.00	22.30 -0.55 0.00	21.32 -0.52 0.00	20.89 -0.51 0.00	20.29 -0.50 0.00	22.57 -0.53 0.00	24.64 -0.50 0.00	26.98 -0.58 0.00	28.90 -0.59 0.00	26.68 -0.52 0.00	23.12 -0.42 0.00	21.44 -0.39 0.00	19.95 -0.35 0.00
OUTOKUMPU-AB___DRP 24206	18.29 -0.88 0.00	18.09 -0.64 0.00	17.27 -0.48 0.00	16.54 -0.55 0.00	17.45 -0.37 0.00	18.37 -0.87 0.00	21.62 -1.28 0.00	24.50 -2.10 0.00	23.13 -2.34 0.00	22.21 -1.96 0.00	21.56 -2.08 0.00	21.70 -2.07 0.00	20.63 -2.22 0.00	20.28 -1.57 0.00	19.91 -1.50 0.00	19.33 -1.46 0.00	21.03 -2.08 0.00	22.88 -2.26 0.00	25.11 -2.45 0.00	26.80 -2.68 0.00	25.13 -2.07 0.00	21.83 -1.72 0.00	20.42 -1.42 0.00	19.24 -1.06 0.00
OXBOW___BTM 323836	18.29 -0.88 0.00	18.05 -0.67 0.00	17.02 -0.73 0.00	16.38 -0.70 0.00	17.20 -0.62 0.00	18.75 -0.48 0.00	21.28 -1.63 0.00	24.10 -2.50 0.00	22.95 -2.52 0.00	21.85 -2.32 0.00	21.23 -2.41 0.00	21.34 -2.42 0.00	20.86 -1.99 0.00	19.97 -1.88 0.00	19.61 -1.80 0.00	19.04 -1.75 0.00	20.77 -2.33 0.00	22.53 -2.62 0.00	24.72 -2.84 0.00	26.51 -2.98 0.00	24.84 -2.37 0.00	21.50 -2.05 0.00	20.13 -1.70 0.00	19.08 -1.22 0.00

OXBOW____ 24026	18.02 -1.15 0.00	17.82 -0.90 0.00	17.02 -0.73 0.00	16.32 -0.77 0.00	17.20 -0.62 0.00	18.10 -1.13 0.00	21.28 -1.63 0.00	24.10 -2.50 0.00	22.77 -2.70 0.00	21.85 -2.32 0.00	21.23 -2.41 0.00	21.34 -2.42 0.00	20.31 -2.54 0.00	19.97 -1.88 0.00	19.61 -1.80 0.00	19.04 -1.75 0.00	20.70 -2.40 0.00	22.53 -2.61 0.00	24.72 -2.84 0.00	26.36 -3.13 0.00	24.73 -2.48 0.00	21.50 -2.05 0.00	20.13 -1.70 0.00	18.96 -1.34 0.00
OXY_CHEM_DSASP 323612	17.76 -1.42 0.00	17.56 -1.16 0.00	16.77 -0.98 0.00	16.08 -1.01 0.00	16.95 -0.87 0.00	17.83 -1.40 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.36 -3.11 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.99 -2.78 0.00	19.95 -2.90 0.00	19.64 -2.21 0.00	19.29 -2.12 0.00	18.75 -2.04 0.00	20.38 -2.73 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	25.92 -3.57 0.00	24.32 -2.88 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.68 -1.62 0.00
OZONE_PARK_ESR 323760	19.69 0.52 0.00	19.14 0.41 0.00	18.09 0.34 0.00	17.41 0.32 0.00	18.09 0.27 0.00	19.75 0.52 0.00	23.73 0.82 0.00	27.69 1.09 0.00	26.64 1.17 0.00	25.21 1.04 0.00	24.66 1.02 0.00	24.84 1.07 0.00	23.97 1.12 0.00	22.79 0.94 0.00	22.33 0.92 0.00	21.74 0.96 0.00	24.33 1.22 0.00	26.40 1.26 0.00	29.05 1.49 0.00	30.96 1.47 0.00	28.48 1.28 0.00	24.49 0.94 0.00	22.84 1.00 0.00	21.19 0.89 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.76 -1.42 0.00	17.56 -1.16 0.00	16.77 -0.98 0.00	16.08 -1.01 0.00	16.95 -0.87 0.00	17.83 -1.40 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.36 -3.11 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.99 -2.78 0.00	19.95 -2.90 0.00	19.64 -2.21 0.00	19.29 -2.12 0.00	18.75 -2.04 0.00	20.38 -2.73 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	25.92 -3.57 0.00	24.32 -2.88 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.68 -1.62 0.00
PACKARD__115KV_DUPONT_184 80571	17.76 -1.42 0.00	17.56 -1.16 0.00	16.77 -0.98 0.00	16.08 -1.01 0.00	16.95 -0.87 0.00	17.83 -1.40 0.00	20.91 -1.99 0.00	23.67 -2.93 0.00	22.36 -3.11 0.00	21.49 -2.68 0.00	20.85 -2.79 0.00	20.99 -2.78 0.00	19.95 -2.90 0.00	19.64 -2.21 0.00	19.29 -2.12 0.00	18.75 -2.04 0.00	20.38 -2.73 0.00	22.18 -2.97 0.00	24.31 -3.25 0.00	25.92 -3.57 0.00	24.32 -2.88 0.00	21.14 -2.40 0.00	19.81 -2.03 0.00	18.68 -1.62 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.69 0.52 0.00	19.14 0.41 0.00	18.07 0.32 0.00	17.37 0.29 0.00	18.05 0.23 0.00	19.67 0.44 0.00	23.43 0.53 0.00	27.29 0.69 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.50 0.74 0.00	23.65 0.80 0.00	22.48 0.63 0.00	22.03 0.62 0.00	21.45 0.67 0.00	24.01 0.90 0.00	26.02 0.88 0.00	28.64 1.07 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.11 0.57 0.00	22.64 0.81 0.00	21.15 0.85 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.81 0.63 0.00	19.25 0.52 0.00	18.18 0.43 0.00	17.48 0.39 0.00	18.18 0.36 0.00	19.81 0.58 0.00	23.57 0.66 0.00	27.45 0.85 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.40 0.76 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.53 0.68 0.00	22.09 0.69 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.10 0.96 0.00	28.72 1.16 0.00	30.58 1.09 0.00	28.15 0.95 0.00	24.21 0.66 0.00	22.73 0.90 0.00	21.23 0.93 0.00
PATROON__115KV_TB1 80586	19.69 0.52 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.25 0.43 0.00	19.73 0.50 0.00	23.57 0.66 0.00	27.42 0.82 0.00	26.39 0.92 0.00	25.02 0.85 0.00	24.45 0.80 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.55 0.70 0.00	22.07 0.66 0.00	21.41 0.62 0.00	23.87 0.76 0.00	25.92 0.78 0.00	28.39 0.83 0.00	30.28 0.80 0.00	27.94 0.73 0.00	24.18 0.64 0.00	22.40 0.57 0.00	20.81 0.51 0.00
PATTRSNVILLE__SOLAR 323815	19.63 0.46 0.00	19.17 0.45 0.00	18.18 0.43 0.00	17.48 0.39 0.00	18.23 0.41 0.00	19.67 0.44 0.00	23.59 0.69 0.00	27.42 0.83 0.00	26.29 0.81 0.00	24.90 0.72 0.00	24.30 0.66 0.00	24.43 0.66 0.00	23.49 0.64 0.00	22.44 0.59 0.00	21.96 0.56 0.00	21.33 0.54 0.00	23.78 0.67 0.00	25.87 0.73 0.00	28.39 0.83 0.00	30.37 0.88 0.00	28.02 0.82 0.00	24.25 0.71 0.00	22.49 0.65 0.00	20.85 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.98 -0.19 0.00	18.74 0.02 0.00	17.87 0.12 0.00	17.12 0.03 0.00	18.05 0.23 0.00	19.06 -0.17 0.00	22.56 -0.34 0.00	25.48 -1.12 0.00	23.99 -1.48 0.00	22.99 -1.18 0.00	22.34 -1.30 0.00	22.46 -1.31 0.00	21.41 -1.44 0.00	20.95 -0.90 0.00	20.60 -0.81 0.00	20.02 -0.77 0.00	21.77 -1.34 0.00	23.73 -1.41 0.00	26.10 -1.46 0.00	27.89 -1.59 0.00	26.09 -1.12 0.00	22.63 -0.92 0.00	21.14 -0.70 0.00	19.99 -0.30 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.69 0.52 0.00	19.19 0.47 0.00	18.12 0.37 0.00	17.48 0.39 0.00	18.12 0.30 0.00	19.71 0.48 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.11 0.94 0.00	24.56 0.92 0.00	24.72 0.95 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.22 0.81 0.00	21.60 0.81 0.00	24.12 1.02 0.00	26.22 1.08 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.34 1.14 0.00	24.42 0.87 0.00	22.64 0.81 0.00	21.03 0.73 0.00
PEEKSKILL____ 23653	19.44 0.27 0.00	18.95 0.23 0.00	17.96 0.21 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.38 0.15 0.00	23.48 0.57 0.00	27.37 0.77 0.00	26.26 0.79 0.00	24.87 0.70 0.00	24.30 0.66 0.00	24.48 0.71 0.00	23.49 0.64 0.00	22.46 0.61 0.00	22.05 0.64 0.00	21.45 0.66 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.05 0.84 0.00	24.18 0.64 0.00	22.49 0.65 0.00	20.87 0.57 0.00
PGE MADISON__WINDPWR 24146	20.75 1.57 0.00	20.18 1.46 0.00	19.03 1.28 0.00	18.33 1.25 0.00	19.21 1.39 0.00	20.90 1.67 0.00	24.85 1.95 0.00	29.15 2.55 0.00	27.53 2.06 0.00	26.06 1.89 0.00	25.42 1.77 0.00	25.55 1.78 0.00	24.59 1.74 0.00	23.31 1.46 0.00	22.88 1.48 0.00	22.32 1.54 0.00	24.81 1.71 0.00	27.03 1.89 0.00	29.68 2.12 0.00	32.29 2.80 0.00	29.70 2.50 0.00	25.74 2.19 0.00	23.95 2.12 0.00	22.21 1.91 0.00
PIERCEFIELD__HYD 23852	18.68 -0.50 0.00	18.24 -0.49 0.00	17.27 -0.48 0.00	16.62 -0.46 0.00	17.36 -0.46 0.00	18.79 -0.44 0.00	22.36 -0.55 0.00	26.04 -0.56 0.00	24.91 -0.56 0.00	23.64 -0.53 0.00	23.19 -0.45 0.00	23.29 -0.48 0.00	22.33 -0.53 0.00	21.32 -0.52 0.00	20.96 -0.45 0.00	20.31 -0.48 0.00	22.62 -0.49 0.00	24.54 -0.60 0.00	26.87 -0.69 0.00	28.95 -0.53 0.00	26.63 -0.57 0.00	23.08 -0.47 0.00	21.31 -0.52 0.00	19.81 -0.49 0.00
PINELAWN_CC_1 323563	19.94 0.77 0.00	19.38 0.65 0.00	18.39 0.64 0.00	17.63 0.55 0.00	18.41 0.59 0.00	19.87 0.63 -0.01	26.97 1.26 -2.80	28.85 1.54 -0.71	28.28 1.53 -1.28	27.68 1.38 -2.14	24.93 1.28 -0.01	25.13 1.35 -0.01	23.96 1.10 -0.01	23.06 1.20 -0.01	23.53 1.22 -0.91	23.89 1.25 -1.86	24.49 1.39 0.00	26.65 1.51 0.00	29.05 1.49 0.00	31.13 1.65 0.00	28.51 1.31 0.00	25.33 1.32 -0.46	23.92 1.29 -0.79	22.03 1.16 -0.57

PJM_GEN_HTP_PROXY 323702	19.44 0.27 0.00	18.95 0.23 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.95 0.13 0.00	19.38 0.15 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.85 0.00	23.65 0.80 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.89 0.79 -0.31	23.78 0.99 0.31	26.15 1.01 0.00	28.77 1.21 0.00	30.67 1.18 0.00	28.18 0.98 0.00	24.25 0.71 0.00	22.62 0.78 0.00	20.99 0.69 0.00
PJM_GEN_KEystone 24065	19.10 -0.08 0.00	18.69 -0.04 0.00	17.68 -0.07 0.00	17.00 -0.08 0.00	17.77 -0.05 0.00	19.21 -0.02 0.00	22.81 -0.09 0.00	26.23 -0.37 0.00	24.99 -0.48 0.00	23.74 -0.43 0.16	22.98 -0.50 0.26	23.03 -0.48 1.18	21.30 -0.37 0.30	21.20 -0.35 0.00	21.13 -0.28 0.00	20.87 -0.23 -0.31	21.81 -0.39 0.90	24.74 -0.40 0.00	27.18 -0.39 0.00	29.10 -0.38 0.00	26.90 -0.30 0.00	23.24 -0.31 0.00	21.64 -0.20 0.00	20.26 -0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.69 0.52 0.00	19.15 0.43 0.00	18.18 0.43 0.00	17.44 0.36 0.00	18.20 0.37 0.00	19.64 0.40 -0.01	26.65 0.94 -2.80	28.48 1.17 -0.71	27.95 1.20 -1.28	27.40 1.09 -2.14	24.67 1.02 -0.01	24.85 1.07 -0.01	23.75 0.89 -0.01	22.82 0.96 -0.01	23.30 0.99 -0.91	23.95 1.00 -2.17	23.92 1.13 0.31	26.35 1.21 0.00	28.77 1.21 0.00	30.78 1.30 0.00	28.24 1.03 0.00	25.02 1.01 -0.46	23.64 1.01 -0.79	21.76 0.89 -0.57
PJM_GEN_VFT_PROXY 323633	19.33 0.15 0.00	18.84 0.11 0.00	17.84 0.09 0.00	17.17 0.09 0.00	17.84 0.02 0.00	19.25 0.02 0.00	23.41 0.50 0.00	27.29 0.69 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.30 0.66 0.00	24.51 0.74 0.00	23.51 0.66 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.79 0.68 -0.31	23.65 0.86 0.31	26.00 0.86 0.00	28.61 1.05 0.00	30.49 1.00 0.00	28.02 0.82 0.00	24.14 0.59 0.00	22.51 0.68 0.00	20.87 0.57 0.00
PLATSBRG_115KV_PMLD1 355749	19.88 0.71 0.00	19.43 0.71 0.00	18.43 0.67 0.00	17.70 0.62 0.00	18.52 0.70 0.00	19.96 0.73 0.00	23.78 0.87 0.00	27.26 0.66 0.00	26.03 0.56 0.00	24.73 0.56 0.00	24.61 0.97 0.00	24.65 0.88 0.00	23.42 0.57 0.00	22.46 0.61 0.00	21.94 0.54 0.00	21.26 0.48 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.31 0.74 0.00	30.40 0.91 0.00	28.02 0.82 0.00	24.28 0.73 0.00	22.40 0.57 0.00	20.89 0.59 0.00
PLEASANTVLY___LBMP 24000	19.46 0.29 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.21 0.61 0.00	26.16 0.69 0.00	24.78 0.60 0.00	24.19 0.54 0.00	24.34 0.57 0.00	23.47 0.62 0.00	22.35 0.50 0.00	21.92 0.51 0.00	21.31 0.52 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.36 0.80 0.00	30.25 0.77 0.00	27.86 0.65 0.00	24.04 0.49 0.00	22.32 0.48 0.00	20.73 0.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.56 0.38 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.02 0.20 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.40 0.76 0.00	24.58 0.81 0.00	23.70 0.85 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.10 0.96 0.00	28.66 1.10 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.56 0.38 0.00	19.04 0.32 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.02 0.20 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.40 0.76 0.00	24.58 0.81 0.00	23.70 0.85 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.10 0.96 0.00	28.66 1.10 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.54 0.70 0.00	20.93 0.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.63 0.46 0.00	19.14 0.41 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.12 0.30 0.00	19.67 0.44 0.00	23.59 0.69 0.00	27.48 0.88 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.37 0.73 0.00	24.50 0.74 0.00	23.60 0.75 0.00	22.50 0.66 0.00	22.05 0.64 0.00	21.43 0.64 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.61 1.05 0.00	30.52 1.03 0.00	28.13 0.92 0.00	24.25 0.71 0.00	22.51 0.68 0.00	20.91 0.61 0.00
POLETTI____ 23519	19.52 0.35 0.00	18.97 0.24 0.00	17.93 0.18 0.00	17.27 0.19 0.00	17.93 0.11 0.00	19.56 0.33 0.00	23.50 0.60 0.00	27.42 0.82 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.58 0.81 0.00	23.72 0.87 0.00	22.55 0.70 0.00	22.12 0.71 0.00	21.53 0.75 0.00	24.08 0.97 0.00	26.12 0.98 0.00	28.72 1.16 0.00	30.61 1.12 0.00	28.15 0.95 0.00	24.23 0.68 0.00	22.67 0.83 0.00	21.03 0.73 0.00
POMONA___ESR 323819	19.46 0.29 0.00	18.97 0.24 0.00	17.96 0.21 0.00	17.27 0.19 0.00	17.98 0.16 0.00	19.40 0.17 0.00	23.50 0.59 0.00	27.37 0.77 0.00	26.23 0.76 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.46 0.69 0.00	23.47 0.62 0.00	22.46 0.61 0.00	22.03 0.62 0.00	21.43 0.65 0.00	23.89 0.79 0.00	26.00 0.86 0.00	28.58 1.02 0.00	30.52 1.03 0.00	28.05 0.84 0.00	24.18 0.64 0.00	22.47 0.63 0.00	20.87 0.57 0.00
PORT_JEFF_3 23555	20.08 0.90 0.00	19.51 0.79 0.00	18.55 0.80 0.00	17.77 0.68 0.00	18.57 0.75 0.00	20.01 0.77 -0.01	27.18 1.47 -2.80	29.09 1.78 -0.71	28.49 1.73 -1.28	27.90 1.59 -2.14	25.09 1.44 -0.01	25.30 1.52 -0.01	24.02 1.16 -0.01	23.23 1.38 -0.01	23.71 1.39 -0.91	24.03 1.39 -1.86	24.65 1.55 0.00	26.85 1.71 0.00	29.10 1.54 0.00	31.22 1.74 0.00	28.59 1.39 0.00	25.52 1.51 -0.46	24.12 1.49 -0.79	22.21 1.34 -0.57
PORT_JEFF_4 23616	20.08 0.90 0.00	19.51 0.79 0.00	18.55 0.80 0.00	17.77 0.68 0.00	18.57 0.75 0.00	20.01 0.77 -0.01	27.18 1.47 -2.80	29.09 1.78 -0.71	28.49 1.73 -1.28	27.90 1.59 -2.14	25.09 1.44 -0.01	25.30 1.52 -0.01	24.02 1.16 -0.01	23.23 1.38 -0.01	23.71 1.39 -0.91	24.03 1.39 -1.86	24.65 1.55 0.00	26.85 1.71 0.00	29.10 1.54 0.00	31.22 1.74 0.00	28.59 1.39 0.00	25.52 1.51 -0.46	24.12 1.49 -0.79	22.21 1.34 -0.57
PORT_JEFF_IC 23713	20.17 1.00 0.00	19.57 0.84 0.00	18.57 0.82 0.00	17.80 0.72 0.00	18.59 0.77 0.00	20.29 1.06 0.00	27.19 1.49 -2.80	29.11 1.81 -0.70	28.53 1.78 -1.27	27.92 1.62 -2.13	25.11 1.47 0.00	25.34 1.57 0.00	24.47 1.62 0.00	23.25 1.40 0.00	23.74 1.43 -0.90	24.05 1.41 -1.85	24.70 1.59 0.00	26.88 1.73 0.00	29.16 1.60 0.00	31.28 1.80 0.00	28.73 1.52 0.00	25.53 1.53 -0.46	24.13 1.51 -0.79	22.24 1.38 -0.56
PPL PILGRIM_ST_GT1 24216	20.04 0.86 0.00	19.47 0.75 0.00	18.50 0.75 0.00	17.73 0.65 0.00	18.52 0.69 0.00	19.99 0.75 -0.01	27.11 1.40 -2.80	28.99 1.68 -0.71	28.41 1.65 -1.28	27.83 1.52 -2.14	25.02 1.37 -0.01	25.23 1.45 -0.01	24.00 1.14 -0.01	23.19 1.33 -0.01	23.64 1.33 -0.91	23.97 1.33 -1.86	24.56 1.46 0.00	26.73 1.58 0.00	29.08 1.51 0.00	31.16 1.68 0.00	28.56 1.36 0.00	25.42 1.41 -0.46	24.03 1.40 -0.79	22.15 1.28 -0.57

PPL PILGRIM_ST_GT2 24217	20.04 0.86 0.00	19.47 0.75 0.00	18.50 0.75 0.00	17.73 0.65 0.00	18.52 0.69 0.00	19.99 0.75 -0.01	27.11 1.40 -2.80	28.99 1.68 -0.71	28.41 1.65 -1.28	27.83 1.52 -2.14	25.02 1.37 -0.01	25.23 1.45 -0.01	24.00 1.14 -0.01	23.19 1.33 -0.01	23.64 1.33 -0.91	23.97 1.33 -1.86	24.56 1.46 0.00	26.73 1.58 0.00	29.08 1.51 0.00	31.16 1.68 0.00	28.56 1.36 0.00	25.42 1.41 -0.46	24.03 1.40 -0.79	22.15 1.28 -0.57
PPL_SHRM_GT3 24213	20.15 0.98 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.14 1.49 -0.01	25.34 1.57 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.93 1.79 0.00	28.99 1.43 0.00	31.16 1.68 0.00	28.51 1.31 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
PPL_SHRM_GT4 24214	20.15 0.98 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.14 1.49 -0.01	25.34 1.57 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.93 1.79 0.00	28.99 1.43 0.00	31.16 1.68 0.00	28.51 1.31 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
PROJECT___ORANGE 1 24174	19.10 -0.08 0.00	18.69 -0.04 0.00	17.73 -0.02 0.00	17.07 -0.02 0.00	17.84 0.02 0.00	19.13 -0.10 0.00	22.72 -0.18 0.00	26.39 -0.21 0.00	25.16 -0.31 0.00	23.93 -0.24 0.00	23.43 -0.21 0.00	23.58 -0.19 0.00	22.60 -0.25 0.00	21.67 -0.17 0.00	21.22 -0.19 0.00	20.62 -0.17 0.00	22.97 -0.14 0.00	24.92 -0.23 0.00	27.29 -0.28 0.00	29.19 -0.29 0.00	26.98 -0.22 0.00	23.38 -0.16 0.00	21.68 -0.15 0.00	20.18 -0.12 0.00
PROJECT___ORANGE 2 24166	19.10 -0.08 0.00	18.69 -0.04 0.00	17.73 -0.02 0.00	17.07 -0.02 0.00	17.84 0.02 0.00	19.13 -0.10 0.00	22.72 -0.18 0.00	26.39 -0.21 0.00	25.16 -0.31 0.00	23.93 -0.24 0.00	23.43 -0.21 0.00	23.58 -0.19 0.00	22.60 -0.25 0.00	21.67 -0.17 0.00	21.22 -0.19 0.00	20.62 -0.17 0.00	22.97 -0.14 0.00	24.92 -0.23 0.00	27.29 -0.28 0.00	29.19 -0.29 0.00	26.98 -0.22 0.00	23.38 -0.16 0.00	21.68 -0.15 0.00	20.18 -0.12 0.00
PUCKETT___SOLAR 323809	19.75 0.57 0.00	19.30 0.58 0.00	18.27 0.52 0.00	17.58 0.50 0.00	18.39 0.57 0.00	19.89 0.65 0.00	23.62 0.71 0.00	27.42 0.83 0.00	26.08 0.61 0.00	24.73 0.56 0.00	24.14 0.50 0.00	24.27 0.50 0.00	23.33 0.48 0.00	22.26 0.41 0.00	21.84 0.43 0.00	21.22 0.44 0.00	23.54 0.44 0.00	25.65 0.50 0.00	28.17 0.61 0.00	30.28 0.80 0.00	27.96 0.76 0.00	24.20 0.66 0.00	22.47 0.63 0.00	20.95 0.65 0.00
PYRITES___HYD 24023	19.06 -0.12 0.00	18.61 -0.11 0.00	17.63 -0.12 0.00	16.95 -0.14 0.00	17.71 -0.11 0.00	19.17 -0.06 0.00	22.84 -0.07 0.00	26.65 0.05 0.00	25.44 -0.03 0.00	24.15 -0.02 0.00	23.71 0.07 0.00	23.79 0.02 0.00	22.83 -0.02 0.00	21.78 -0.07 0.00	21.41 0.00 0.00	20.74 -0.04 0.00	23.08 -0.02 0.00	25.02 -0.13 0.00	27.42 -0.14 0.00	29.60 0.12 0.00	27.20 0.00 0.00	23.57 0.02 0.00	21.77 -0.07 0.00	20.22 -0.08 0.00
QUAKERRD_115KV_BK1 80622	18.23 -0.94 0.00	17.92 -0.81 0.00	17.02 -0.73 0.00	16.37 -0.72 0.00	17.14 -0.68 0.00	18.27 -0.96 0.00	21.65 -1.26 0.00	25.06 -1.54 0.00	23.81 -1.66 0.00	22.75 -1.43 0.00	22.18 -1.47 0.00	22.29 -1.47 0.00	21.27 -1.58 0.00	20.58 -1.27 0.00	20.19 -1.22 0.00	19.62 -1.16 0.00	21.67 -1.43 0.00	23.53 -1.61 0.00	25.77 -1.79 0.00	27.63 -1.86 0.00	25.65 -1.55 0.00	22.25 -1.30 0.00	20.68 -1.16 0.00	19.26 -1.04 0.00
QUENSBRY_115KV_TB8 356137	19.83 0.65 0.00	19.36 0.64 0.00	18.30 0.55 0.00	17.60 0.51 0.00	18.36 0.53 0.00	19.81 0.58 0.00	23.84 0.94 0.00	27.82 1.22 0.00	26.77 1.30 0.00	25.38 1.21 0.00	24.82 1.18 0.00	24.84 1.07 0.00	23.95 1.10 0.00	22.81 0.96 0.00	22.27 0.86 0.00	21.58 0.79 0.00	24.05 0.95 0.00	26.20 1.06 0.00	28.78 1.21 0.00	30.75 1.27 0.00	28.45 1.25 0.00	24.58 1.04 0.00	22.78 0.94 0.00	21.05 0.75 0.00
RAMAPO___LBMP 323565	19.46 0.29 0.00	18.95 0.22 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.95 0.12 0.00	19.50 0.27 0.00	23.43 0.53 0.00	27.26 0.66 0.00	26.16 0.69 0.00	24.75 0.58 0.00	24.19 0.54 0.00	24.36 0.59 0.00	23.49 0.64 0.00	22.37 0.52 0.00	21.94 0.54 0.00	21.35 0.56 0.00	23.80 0.69 0.00	25.90 0.75 0.00	28.44 0.88 0.00	30.37 0.88 0.00	27.96 0.76 0.00	24.09 0.54 0.00	22.40 0.57 0.00	20.79 0.49 0.00
RANKINE____ 23646	18.62 -0.56 0.00	18.39 -0.34 0.00	17.56 -0.20 0.00	16.81 -0.27 0.00	17.73 -0.09 0.00	18.69 -0.54 0.00	22.06 -0.85 0.00	24.98 -1.62 0.00	23.56 -1.91 0.00	22.60 -1.57 0.00	21.96 -1.68 0.00	22.08 -1.69 0.00	21.02 -1.83 0.00	20.60 -1.25 0.00	20.25 -1.16 0.00	19.68 -1.10 0.00	21.40 -1.71 0.00	23.31 -1.84 0.00	25.61 -1.96 0.00	27.33 -2.15 0.00	25.60 -1.60 0.00	22.23 -1.32 0.00	20.79 -1.05 0.00	19.61 -0.69 0.00
RAVENSWOOD_GT2_1 24244	19.56 0.38 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.78 1.21 0.00	30.63 1.15 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD_GT2_2 24245	19.56 0.38 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.78 1.21 0.00	30.63 1.15 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD_GT2_3 24246	19.56 0.38 0.00	19.02 0.30 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.76 0.91 0.00	22.61 0.76 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.03 0.73 0.00
RAVENSWOOD_GT2_4 24247	19.56 0.38 0.00	19.02 0.30 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.76 0.91 0.00	22.61 0.76 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.03 0.73 0.00

RAVENSWOOD_GT3_1 24248	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.03 0.73 0.00
RAVENSWOOD_GT3_2 24249	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.03 0.73 0.00
RAVENSWOOD_GT3_3 24250	19.58 0.40 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.44 0.97 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.67 0.83 0.00	21.05 0.75 0.00
RAVENSWOOD_GT3_4 24251	19.58 0.40 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.62 0.38 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.44 0.97 0.00	25.02 0.85 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.80 1.24 0.00	30.69 1.21 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.67 0.83 0.00	21.05 0.75 0.00
RAVENSWOOD_GT_1 23729	19.62 0.44 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.44 0.97 0.00	24.99 0.82 0.00	24.47 0.83 0.00	24.67 0.90 0.00	23.79 0.94 0.00	22.61 0.76 0.00	22.18 0.77 0.00	21.58 0.79 0.00	24.17 1.06 0.00	26.20 1.06 0.00	28.80 1.24 0.00	30.66 1.18 0.00	28.24 1.03 0.00	24.28 0.73 0.00	22.71 0.87 0.00	21.13 0.83 0.00
RAVENSWOOD_GT_10 24258	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_11 24259	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_4 24252	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.62 0.79 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_5 24254	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.62 0.79 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_6 24253	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.62 0.79 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_7 24255	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.62 0.79 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD_GT_9 24257	19.56 0.38 0.00	19.00 0.28 0.00	17.98 0.23 0.00	17.31 0.22 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.48 0.88 0.00	26.41 0.94 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.10 0.99 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.66 1.18 0.00	28.21 1.01 0.00	24.28 0.73 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD___1 23533	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.15 1.04 0.00	26.17 1.03 0.00	28.80 1.24 0.00	30.63 1.15 0.00	28.18 0.98 0.00	24.25 0.71 0.00	22.69 0.85 0.00	21.11 0.81 0.00
RAVENSWOOD___2 23534	19.50 0.33 0.00	19.02 0.30 0.00	18.00 0.25 0.00	17.31 0.22 0.00	18.00 0.18 0.00	19.40 0.17 0.00	23.52 0.62 0.00	27.45 0.85 0.00	26.36 0.89 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.65 0.88 0.00	23.65 0.80 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.18 0.98 0.00	24.25 0.71 0.00	22.69 0.85 0.00	21.11 0.81 0.00

RAVENSWOOD___3 23535	19.46 0.29 0.00	18.99 0.26 0.00	17.98 0.23 0.00	17.29 0.21 0.00	17.98 0.16 0.00	19.40 0.17 0.00	23.55 0.64 0.00	27.45 0.85 0.00	26.39 0.92 0.00	24.99 0.82 0.00	24.45 0.80 0.00	24.62 0.85 0.00	23.65 0.80 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.10 0.99 0.00	26.15 1.01 0.00	28.77 1.21 0.00	30.67 1.18 0.00	28.18 0.98 0.00	24.28 0.73 0.00	22.65 0.81 0.00	21.01 0.71 0.00
RAVENSWOOD___4 23820	19.50 0.33 0.00	19.00 0.28 0.00	18.00 0.25 0.00	17.29 0.21 0.00	17.98 0.16 0.00	19.40 0.17 0.00	23.52 0.62 0.00	27.42 0.83 0.00	26.36 0.89 0.00	24.97 0.80 0.00	24.45 0.80 0.00	24.62 0.85 0.00	23.65 0.80 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.58 0.79 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.77 1.21 0.00	30.63 1.15 0.00	28.18 0.98 0.00	24.25 0.71 0.00	22.69 0.85 0.00	21.09 0.79 0.00
RCPL_TRUST___DRP 24196	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.04 0.87 0.00	24.49 0.85 0.00	24.67 0.90 0.00	23.79 0.94 0.00	22.63 0.79 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.69 1.21 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.64 0.81 0.00	21.01 0.71 0.00
RED___ROCHESTER 323720	18.91 -0.27 0.00	18.55 -0.17 0.00	17.52 -0.23 0.00	16.88 -0.20 0.00	17.64 -0.18 0.00	19.17 -0.06 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.53 -0.94 0.00	23.32 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	22.12 -0.73 0.00	21.13 -0.72 0.00	20.72 -0.69 0.00	20.10 -0.69 0.00	22.16 -0.95 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.36 -1.12 0.00	26.36 -0.84 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.85 -0.45 0.00
REGAN___SOLAR 323812	20.86 1.69 0.00	20.39 1.67 0.00	19.22 1.47 0.00	18.50 1.42 0.00	19.35 1.53 0.00	20.88 1.65 0.00	25.22 2.31 0.00	29.34 2.74 0.00	28.02 2.55 0.00	26.35 2.18 0.00	25.75 2.10 0.00	25.93 2.16 0.00	24.98 2.13 0.00	23.77 1.92 0.00	23.14 1.73 0.00	22.55 1.77 0.00	25.28 2.17 0.00	27.58 2.44 0.00	30.38 2.81 0.00	32.52 3.04 0.00	30.19 2.99 0.00	26.09 2.54 0.00	24.17 2.34 0.00	22.29 1.99 0.00
RENSSELAER___COGEN 23796	19.56 0.38 0.00	19.08 0.35 0.00	18.11 0.35 0.00	17.43 0.34 0.00	18.14 0.32 0.00	19.56 0.33 0.00	23.43 0.53 0.00	27.24 0.64 0.00	26.16 0.69 0.00	24.82 0.65 0.00	24.23 0.59 0.00	24.34 0.57 0.00	23.40 0.55 0.00	22.37 0.52 0.00	21.90 0.49 0.00	21.26 0.48 0.00	23.68 0.58 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.75 0.54 0.00	24.04 0.50 0.00	22.27 0.44 0.00	20.67 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.42 1.25 0.00	19.96 1.24 0.00	18.83 1.08 0.00	18.11 1.03 0.00	18.91 1.09 0.00	20.37 1.13 0.00	24.65 1.74 0.00	28.89 2.29 0.00	27.84 2.37 0.00	26.37 2.20 0.00	25.79 2.15 0.00	25.76 2.00 0.00	24.88 2.03 0.00	23.60 1.75 0.00	22.97 1.56 0.00	22.26 1.48 0.00	24.86 1.76 0.00	27.03 1.89 0.00	29.79 2.23 0.00	31.84 2.36 0.00	29.54 2.34 0.00	25.48 1.93 0.00	23.63 1.79 0.00	21.78 1.48 0.00
REVERE_CPPR_DRP 24186	19.79 0.61 0.00	19.30 0.58 0.00	18.30 0.55 0.00	17.61 0.53 0.00	18.41 0.59 0.00	19.88 0.65 0.00	23.66 0.76 0.00	27.64 1.04 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.50 0.74 0.00	23.56 0.71 0.00	22.50 0.66 0.00	22.03 0.62 0.00	21.41 0.62 0.00	23.80 0.69 0.00	25.95 0.80 0.00	28.39 0.83 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.39 0.85 0.00	22.64 0.81 0.00	20.95 0.65 0.00
REYNOLDS_115KV_TB3 80639	19.54 0.36 0.00	19.06 0.34 0.00	18.07 0.32 0.00	17.39 0.31 0.00	18.11 0.29 0.00	19.58 0.35 0.00	23.36 0.46 0.00	27.16 0.56 0.00	26.13 0.66 0.00	24.78 0.60 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.40 0.55 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.22 0.44 0.00	23.64 0.53 0.00	25.72 0.58 0.00	28.14 0.58 0.00	29.99 0.50 0.00	27.66 0.46 0.00	23.97 0.42 0.00	22.19 0.35 0.00	20.62 0.32 0.00
RIVERBAY____ 323610	19.81 0.63 0.00	19.25 0.52 0.00	18.18 0.43 0.00	17.48 0.39 0.00	18.18 0.36 0.00	19.81 0.58 0.00	23.57 0.66 0.00	27.45 0.85 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.40 0.76 0.00	24.69 0.93 0.00	23.72 0.87 0.00	22.53 0.68 0.00	22.09 0.69 0.00	21.49 0.71 0.00	24.05 0.95 0.00	26.10 0.96 0.00	28.72 1.16 0.00	30.58 1.09 0.00	28.15 0.95 0.00	24.21 0.66 0.00	22.73 0.90 0.00	21.23 0.93 0.00
RIVERSDE_115KV_TB3 55908	19.60 0.42 0.00	19.12 0.39 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.21 0.74 0.00	24.85 0.68 0.00	24.28 0.64 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.39 0.55 0.00	21.92 0.51 0.00	21.28 0.50 0.00	23.71 0.60 0.00	25.77 0.63 0.00	28.22 0.66 0.00	30.10 0.62 0.00	27.77 0.57 0.00	24.04 0.49 0.00	22.27 0.44 0.00	20.69 0.39 0.00
ROARING___BROOK_WT_PWR 323790	18.98 -0.19 0.00	18.52 -0.21 0.00	17.56 -0.19 0.00	16.93 -0.15 0.00	17.70 -0.12 0.00	19.10 -0.13 0.00	22.77 -0.14 0.00	26.41 -0.18 0.00	25.29 -0.18 0.00	24.03 -0.14 0.00	23.55 -0.09 0.00	23.67 -0.09 0.00	22.76 -0.09 0.00	21.78 -0.07 0.00	21.34 -0.06 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	25.07 -0.08 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.12 -0.08 0.00	23.48 -0.07 0.00	21.73 -0.11 0.00	20.22 -0.08 0.00
ROCHESRG_115KV_T4 355643	18.56 -0.61 0.00	18.26 -0.47 0.00	17.36 -0.39 0.00	16.67 -0.41 0.00	17.48 -0.34 0.00	18.60 -0.63 0.00	22.01 -0.89 0.00	25.38 -1.22 0.00	24.09 -1.38 0.00	23.04 -1.14 0.00	22.44 -1.21 0.00	22.56 -1.21 0.00	21.50 -1.35 0.00	20.89 -0.96 0.00	20.47 -0.94 0.00	19.87 -0.91 0.00	21.88 -1.22 0.00	23.79 -1.36 0.00	26.07 -1.49 0.00	27.92 -1.56 0.00	25.98 -1.22 0.00	22.53 -1.01 0.00	20.99 -0.85 0.00	19.59 -0.71 0.00
ROCHESTER_9_IC 23652	18.66 -0.52 0.00	18.35 -0.37 0.00	17.45 -0.30 0.00	16.76 -0.32 0.00	17.57 -0.25 0.00	18.69 -0.54 0.00	22.13 -0.78 0.00	25.59 -1.01 0.00	24.27 -1.20 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.72 -1.05 0.00	21.66 -1.19 0.00	21.02 -0.83 0.00	20.62 -0.79 0.00	20.02 -0.77 0.00	22.02 -1.09 0.00	23.94 -1.21 0.00	26.21 -1.35 0.00	28.13 -1.36 0.00	26.17 -1.03 0.00	22.68 -0.87 0.00	21.12 -0.72 0.00	19.71 -0.59 0.00
ROCKVIEW_13_KV_LD 356306	19.60 0.42 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.04 0.21 0.00	19.65 0.42 0.00	23.62 0.71 0.00	27.56 0.96 0.00	26.49 1.02 0.00	25.04 0.87 0.00	24.49 0.85 0.00	24.67 0.90 0.00	23.81 0.96 0.00	22.63 0.79 0.00	22.22 0.81 0.00	21.62 0.83 0.00	24.14 1.04 0.00	26.22 1.08 0.00	28.78 1.21 0.00	30.72 1.24 0.00	28.26 1.06 0.00	24.35 0.80 0.00	22.64 0.81 0.00	21.01 0.71 0.00

ROME____115KV_TB2 80656	19.79 0.61 0.00	19.30 0.58 0.00	18.30 0.55 0.00	17.61 0.53 0.00	18.41 0.59 0.00	19.88 0.65 0.00	23.66 0.76 0.00	27.64 1.04 0.00	26.36 0.89 0.00	24.95 0.77 0.00	24.40 0.76 0.00	24.50 0.74 0.00	23.56 0.71 0.00	22.50 0.66 0.00	22.03 0.62 0.00	21.41 0.62 0.00	23.80 0.69 0.00	25.95 0.80 0.00	28.39 0.83 0.00	30.61 1.12 0.00	28.18 0.98 0.00	24.39 0.85 0.00	22.64 0.81 0.00	20.95 0.65 0.00
ROSETON___1 23587	19.41 0.23 0.00	18.93 0.21 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.39 0.48 0.00	27.21 0.61 0.00	26.11 0.64 0.00	24.75 0.58 0.00	24.19 0.54 0.00	24.34 0.57 0.00	23.35 0.50 0.00	22.35 0.50 0.00	21.92 0.51 0.00	21.31 0.52 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.36 0.80 0.00	30.25 0.77 0.00	27.85 0.65 0.00	24.04 0.50 0.00	22.34 0.50 0.00	20.73 0.43 0.00
ROSETON___2 23588	19.41 0.23 0.00	18.93 0.21 0.00	17.95 0.20 0.00	17.25 0.17 0.00	17.96 0.14 0.00	19.37 0.14 0.00	23.39 0.48 0.00	27.21 0.61 0.00	26.11 0.64 0.00	24.75 0.58 0.00	24.19 0.54 0.00	24.34 0.57 0.00	23.35 0.50 0.00	22.35 0.50 0.00	21.92 0.51 0.00	21.31 0.52 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.36 0.80 0.00	30.25 0.77 0.00	27.85 0.65 0.00	24.04 0.50 0.00	22.34 0.50 0.00	20.73 0.43 0.00
ROTTRDAM_115KV_TB3 80664	19.48 0.31 0.00	19.02 0.30 0.00	18.02 0.27 0.00	17.34 0.26 0.00	18.07 0.25 0.00	19.52 0.29 0.00	23.34 0.44 0.00	27.13 0.53 0.00	26.03 0.56 0.00	24.68 0.51 0.00	24.11 0.47 0.00	24.22 0.45 0.00	23.33 0.48 0.00	22.26 0.42 0.00	21.79 0.39 0.00	21.16 0.37 0.00	23.57 0.46 0.00	25.65 0.50 0.00	28.14 0.58 0.00	30.04 0.56 0.00	27.72 0.52 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.64 0.35 0.00
RUSSELL___1 23602	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
RUSSELL___2 23532	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
RUSSELL___3 23549	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
RUSSELL___4 23556	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
RUSSELL___STATION 23914	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
S SALMON___HYD 24043	18.91 -0.27 0.00	18.46 -0.26 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	19.02 -0.21 0.00	22.42 -0.48 0.00	26.09 -0.51 0.00	24.89 -0.58 0.00	23.57 -0.60 0.00	23.07 -0.57 0.00	23.20 -0.57 0.00	22.30 -0.55 0.00	21.30 -0.55 0.00	20.85 -0.56 0.00	20.29 -0.50 0.00	22.60 -0.51 0.00	24.66 -0.48 0.00	27.01 -0.55 0.00	29.04 -0.44 0.00	26.82 -0.38 0.00	23.26 -0.28 0.00	21.55 -0.28 0.00	20.02 -0.28 0.00
S.PERRY__115KV_TB1 80734	19.62 0.44 0.00	19.27 0.54 0.00	18.27 0.51 0.00	17.58 0.50 0.00	18.43 0.61 0.00	19.65 0.42 0.00	23.48 0.57 0.00	27.24 0.64 0.00	25.65 0.18 0.00	24.39 0.22 0.00	23.76 0.12 0.00	23.86 0.10 0.00	22.74 -0.11 0.00	21.94 0.09 0.00	21.52 0.11 0.00	20.93 0.15 0.00	23.17 0.07 0.00	25.29 0.15 0.00	27.89 0.33 0.00	30.07 0.59 0.00	27.96 0.76 0.00	24.21 0.66 0.00	22.45 0.61 0.00	20.93 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.33 -0.84 0.00	18.12 -0.60 0.00	17.29 -0.46 0.00	16.57 -0.51 0.00	17.47 -0.36 0.00	18.40 -0.83 0.00	21.67 -1.24 0.00	24.55 -2.05 0.00	23.18 -2.29 0.00	22.24 -1.93 0.00	21.61 -2.03 0.00	21.72 -2.04 0.00	20.68 -2.17 0.00	20.30 -1.55 0.00	19.95 -1.46 0.00	19.37 -1.41 0.00	21.07 -2.03 0.00	22.93 -2.21 0.00	25.16 -2.40 0.00	26.89 -2.59 0.00	25.19 -2.01 0.00	21.87 -1.67 0.00	20.48 -1.35 0.00	19.30 -0.99 0.00
SAWYER___23_KV_LOAD 55526	18.33 -0.84 0.00	18.12 -0.60 0.00	17.29 -0.46 0.00	16.57 -0.51 0.00	17.47 -0.36 0.00	18.40 -0.83 0.00	21.67 -1.24 0.00	24.55 -2.05 0.00	23.18 -2.29 0.00	22.24 -1.93 0.00	21.61 -2.03 0.00	21.72 -2.04 0.00	20.68 -2.17 0.00	20.30 -1.55 0.00	19.95 -1.46 0.00	19.37 -1.41 0.00	21.07 -2.03 0.00	22.93 -2.21 0.00	25.16 -2.40 0.00	26.89 -2.59 0.00	25.19 -2.01 0.00	21.87 -1.67 0.00	20.48 -1.35 0.00	19.30 -0.99 0.00
SELKIRK___I 23801	19.60 0.42 0.00	19.13 0.41 0.00	18.14 0.39 0.00	17.46 0.38 0.00	18.20 0.37 0.00	19.60 0.36 0.00	23.45 0.55 0.00	27.26 0.67 0.00	26.16 0.69 0.00	24.80 0.63 0.00	24.21 0.57 0.00	24.31 0.55 0.00	23.38 0.53 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.24 0.46 0.00	23.64 0.53 0.00	25.75 0.60 0.00	28.22 0.66 0.00	30.13 0.65 0.00	27.80 0.60 0.00	24.09 0.54 0.00	22.34 0.50 0.00	20.73 0.43 0.00
SELKIRK___II 23799	19.48 0.31 0.00	19.00 0.28 0.00	18.03 0.28 0.00	17.36 0.27 0.00	18.07 0.25 0.00	19.48 0.25 0.00	23.34 0.43 0.00	27.13 0.53 0.00	26.03 0.56 0.00	24.70 0.53 0.00	24.11 0.47 0.00	24.22 0.45 0.00	23.28 0.43 0.00	22.26 0.41 0.00	21.81 0.41 0.00	21.18 0.39 0.00	23.57 0.46 0.00	25.67 0.53 0.00	28.14 0.58 0.00	30.02 0.53 0.00	27.66 0.46 0.00	23.97 0.42 0.00	22.21 0.37 0.00	20.62 0.32 0.00

SENECA OSWGO___HYD 24041	18.89 -0.29 0.00	18.48 -0.24 0.00	17.50 -0.25 0.00	16.84 -0.24 0.00	17.59 -0.23 0.00	18.98 -0.25 0.00	22.40 -0.50 0.00	26.01 -0.59 0.00	24.86 -0.61 0.00	23.62 -0.55 0.00	23.12 -0.52 0.00	23.24 -0.52 0.00	22.37 -0.48 0.00	21.37 -0.48 0.00	20.92 -0.49 0.00	20.33 -0.46 0.00	22.67 -0.44 0.00	24.66 -0.48 0.00	27.04 -0.52 0.00	28.95 -0.53 0.00	26.77 -0.44 0.00	23.17 -0.38 0.00	21.49 -0.35 0.00	20.00 -0.30 0.00
SENECA___115KV_TB3 355854	18.64 -0.54 0.00	18.42 -0.30 0.00	17.57 -0.18 0.00	16.84 -0.24 0.00	17.77 -0.05 0.00	18.73 -0.50 0.00	22.08 -0.82 0.00	25.03 -1.57 0.00	23.59 -1.88 0.00	22.65 -1.52 0.00	21.99 -1.65 0.00	22.13 -1.64 0.00	21.07 -1.78 0.00	20.65 -1.20 0.00	20.30 -1.11 0.00	19.71 -1.08 0.00	21.42 -1.69 0.00	23.33 -1.81 0.00	25.63 -1.93 0.00	27.39 -2.09 0.00	25.65 -1.55 0.00	22.27 -1.27 0.00	20.81 -1.03 0.00	19.63 -0.67 0.00
SENECA___ENERGY 23797	19.60 0.42 0.00	19.15 0.43 0.00	18.12 0.37 0.00	17.46 0.38 0.00	18.27 0.45 0.00	19.77 0.54 0.00	23.43 0.53 0.00	27.24 0.64 0.00	25.88 0.41 0.00	24.53 0.36 0.00	24.04 0.40 0.00	24.17 0.40 0.00	23.24 0.39 0.00	22.15 0.31 0.00	21.69 0.28 0.00	21.24 0.46 0.00	23.54 0.44 0.00	25.27 0.13 0.00	27.73 0.17 0.00	29.78 0.29 0.00	27.58 0.38 0.00	23.85 0.31 0.00	22.10 0.26 0.00	20.58 0.28 0.00
SHOEMAKER___GT 23640	19.41 0.23 0.00	18.91 0.19 0.00	17.93 0.18 0.00	17.24 0.15 0.00	17.96 0.14 0.00	19.38 0.15 0.00	23.34 0.43 0.00	27.16 0.56 0.00	26.01 0.54 0.00	24.63 0.46 0.00	24.07 0.43 0.00	24.22 0.45 0.00	23.26 0.41 0.00	22.24 0.39 0.00	21.81 0.41 0.00	21.22 0.44 0.00	23.64 0.53 0.00	25.72 0.58 0.00	28.25 0.69 0.00	30.19 0.71 0.00	27.80 0.60 0.00	23.99 0.45 0.00	22.30 0.46 0.00	20.71 0.41 0.00
SHOEMAKR_138KV_BK 111 55601	19.44 0.27 0.00	18.93 0.21 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.95 0.12 0.00	19.48 0.25 0.00	23.34 0.44 0.00	27.16 0.56 0.00	26.03 0.56 0.00	24.63 0.46 0.00	24.07 0.43 0.00	24.22 0.45 0.00	23.35 0.50 0.00	22.26 0.42 0.00	21.84 0.43 0.00	21.22 0.44 0.00	23.66 0.55 0.00	25.72 0.58 0.00	28.25 0.69 0.00	30.19 0.71 0.00	27.80 0.60 0.00	23.99 0.45 0.00	22.30 0.46 0.00	20.71 0.41 0.00
SHOREHAM_IC_1 23715	20.15 0.98 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.14 1.49 -0.01	25.34 1.57 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.93 1.79 0.00	28.99 1.43 0.00	31.16 1.68 0.00	28.51 1.31 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
SHOREHAM_IC_2 23716	20.15 0.98 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.14 1.49 -0.01	25.34 1.57 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.93 1.79 0.00	28.99 1.43 0.00	31.16 1.68 0.00	28.51 1.31 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
SISSONVILLE___ 23735	18.68 -0.50 0.00	18.24 -0.49 0.00	17.27 -0.48 0.00	16.62 -0.46 0.00	17.36 -0.46 0.00	18.79 -0.44 0.00	22.36 -0.55 0.00	26.04 -0.56 0.00	24.91 -0.56 0.00	23.64 -0.53 0.00	23.19 -0.45 0.00	23.29 -0.48 0.00	22.33 -0.53 0.00	21.32 -0.52 0.00	20.96 -0.45 0.00	20.31 -0.48 0.00	22.62 -0.49 0.00	24.54 -0.60 0.00	26.87 -0.69 0.00	28.95 -0.53 0.00	26.63 -0.57 0.00	23.08 -0.47 0.00	21.31 -0.52 0.00	19.81 -0.49 0.00
SITHE_IND_GS1 24169	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.86 -0.37 0.00	22.22 -0.69 0.00	25.75 -0.85 0.00	24.63 -0.84 0.00	23.40 -0.77 0.00	22.88 -0.76 0.00	23.01 -0.76 0.00	22.14 -0.71 0.00	21.15 -0.70 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	22.41 -0.69 0.00	24.39 -0.75 0.00	26.74 -0.83 0.00	28.60 -0.88 0.00	26.44 -0.76 0.00	22.89 -0.66 0.00	21.25 -0.59 0.00	19.75 -0.55 0.00
SITHE_IND_GS2 24170	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.86 -0.37 0.00	22.22 -0.69 0.00	25.75 -0.85 0.00	24.63 -0.84 0.00	23.40 -0.77 0.00	22.88 -0.76 0.00	23.01 -0.76 0.00	22.14 -0.71 0.00	21.15 -0.70 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	22.41 -0.69 0.00	24.39 -0.75 0.00	26.74 -0.83 0.00	28.60 -0.88 0.00	26.44 -0.76 0.00	22.89 -0.66 0.00	21.25 -0.59 0.00	19.75 -0.55 0.00
SITHE_IND_GS3 24171	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.86 -0.37 0.00	22.22 -0.69 0.00	25.75 -0.85 0.00	24.63 -0.84 0.00	23.40 -0.77 0.00	22.88 -0.76 0.00	23.01 -0.76 0.00	22.14 -0.71 0.00	21.15 -0.70 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	22.41 -0.69 0.00	24.39 -0.75 0.00	26.74 -0.83 0.00	28.60 -0.88 0.00	26.44 -0.76 0.00	22.89 -0.66 0.00	21.25 -0.59 0.00	19.75 -0.55 0.00
SITHE_IND_GS4 24172	18.77 -0.40 0.00	18.35 -0.37 0.00	17.40 -0.35 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.86 -0.37 0.00	22.22 -0.69 0.00	25.75 -0.85 0.00	24.63 -0.84 0.00	23.40 -0.77 0.00	22.88 -0.76 0.00	23.01 -0.76 0.00	22.14 -0.71 0.00	21.15 -0.70 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	22.41 -0.69 0.00	24.39 -0.75 0.00	26.74 -0.83 0.00	28.60 -0.88 0.00	26.44 -0.76 0.00	22.89 -0.66 0.00	21.25 -0.59 0.00	19.75 -0.55 0.00
SITHE___BATAVIA 24024	18.87 -0.31 0.00	18.57 -0.15 0.00	17.52 -0.23 0.00	16.88 -0.20 0.00	17.68 -0.14 0.00	19.27 0.04 0.00	22.08 -0.82 0.00	25.32 -1.28 0.00	24.17 -1.30 0.00	22.99 -1.18 0.00	22.32 -1.32 0.00	22.32 -1.45 0.00	21.71 -1.14 0.00	20.76 -1.09 0.00	20.36 -1.05 0.00	19.79 -1.00 0.00	21.67 -1.43 0.00	23.53 -1.61 0.00	25.83 -1.74 0.00	27.83 -1.65 0.00	25.98 -1.22 0.00	22.46 -1.08 0.00	20.96 -0.87 0.00	19.77 -0.53 0.00
SITHE___INDEPEND 23800	18.73 -0.44 0.00	18.31 -0.41 0.00	17.40 -0.36 0.00	16.74 -0.34 0.00	17.48 -0.34 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.75 -0.85 0.00	24.60 -0.87 0.00	23.40 -0.77 0.00	22.89 -0.76 0.00	23.01 -0.76 0.00	22.07 -0.78 0.00	21.15 -0.70 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	22.39 -0.72 0.00	24.39 -0.75 0.00	26.74 -0.83 0.00	28.60 -0.88 0.00	26.41 -0.79 0.00	22.89 -0.66 0.00	21.25 -0.59 0.00	19.75 -0.55 0.00
SITHE___MASSENA 23902	19.23 0.06 0.00	18.80 0.08 0.00	17.80 0.05 0.00	17.14 0.05 0.00	17.89 0.07 0.00	19.31 0.08 0.00	22.97 0.07 0.00	26.71 0.11 0.00	25.57 0.10 0.00	24.29 0.12 0.00	23.81 0.17 0.00	23.91 0.14 0.00	22.97 0.11 0.00	21.98 0.13 0.00	21.54 0.13 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.19 0.05 0.00	27.65 0.08 0.00	29.63 0.15 0.00	27.34 0.14 0.00	23.69 0.14 0.00	21.95 0.11 0.00	20.40 0.10 0.00

SITHE___OGDNSBRG 24021	19.21 0.04 0.00	18.76 0.04 0.00	17.77 0.02 0.00	17.10 0.02 0.00	17.88 0.05 0.00	19.35 0.12 0.00	23.00 0.09 0.00	26.81 0.21 0.00	25.62 0.15 0.00	24.32 0.15 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.96 0.11 0.00	21.91 0.07 0.00	21.56 0.15 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.64 0.08 0.00	29.81 0.32 0.00	27.42 0.22 0.00	23.76 0.21 0.00	21.97 0.13 0.00	20.40 0.10 0.00
SITHE___STERLING 23777	19.69 0.52 0.00	19.21 0.49 0.00	18.19 0.44 0.00	17.51 0.43 0.00	18.30 0.48 0.00	19.79 0.56 0.00	23.50 0.59 0.00	27.40 0.80 0.00	26.16 0.69 0.00	24.78 0.60 0.00	24.21 0.57 0.00	24.34 0.57 0.00	23.42 0.57 0.00	22.35 0.50 0.00	21.88 0.47 0.00	21.28 0.50 0.00	23.66 0.55 0.00	25.75 0.60 0.00	28.20 0.63 0.00	30.34 0.86 0.00	27.96 0.76 0.00	24.20 0.66 0.00	22.45 0.61 0.00	20.83 0.53 0.00
SLEIGHT__34_KV_TB1 80719	18.71 -0.46 0.00	18.35 -0.37 0.00	17.43 -0.32 0.00	16.76 -0.32 0.00	17.55 -0.27 0.00	18.75 -0.48 0.00	22.29 -0.62 0.00	25.85 -0.74 0.00	24.58 -0.89 0.00	23.45 -0.73 0.00	22.91 -0.73 0.00	23.03 -0.74 0.00	21.98 -0.87 0.00	21.21 -0.63 0.00	20.79 -0.62 0.00	20.25 -0.54 0.00	22.37 -0.74 0.00	24.21 -0.93 0.00	26.51 -1.05 0.00	28.42 -1.06 0.00	26.39 -0.82 0.00	22.86 -0.68 0.00	21.23 -0.61 0.00	19.75 -0.55 0.00
SOUTH CAIRO___GT 23612	20.17 1.00 0.00	19.68 0.95 0.00	18.64 0.89 0.00	17.94 0.85 0.00	18.73 0.91 0.00	20.23 1.00 0.00	24.26 1.35 0.00	28.17 1.57 0.00	26.87 1.40 0.00	25.40 1.23 0.00	24.68 1.04 0.00	24.77 1.00 0.00	23.79 0.94 0.00	22.74 0.90 0.00	22.24 0.83 0.00	21.58 0.79 0.00	24.15 1.04 0.00	26.35 1.21 0.00	29.08 1.51 0.00	31.05 1.56 0.00	28.75 1.55 0.00	24.86 1.32 0.00	22.97 1.13 0.00	21.29 0.99 0.00
SOUTH HAMPTN___IC 23720	20.32 1.15 0.00	19.75 1.03 0.00	18.80 1.05 0.00	17.99 0.90 0.00	18.82 1.00 0.00	20.26 1.02 -0.01	27.47 1.76 -2.80	29.49 2.18 -0.71	28.84 2.09 -1.28	28.22 1.91 -2.14	25.40 1.75 -0.01	25.61 1.83 -0.01	24.14 1.28 -0.01	23.45 1.59 -0.01	23.90 1.58 -0.91	24.24 1.60 -1.86	24.88 1.78 0.00	27.15 2.01 0.00	29.30 1.74 0.00	31.52 2.03 0.00	28.83 1.63 0.00	25.85 1.84 -0.46	24.47 1.83 -0.79	22.55 1.68 -0.57
SOUTHDOW__115KV_TB1 355954	19.33 0.15 0.00	19.10 0.37 0.00	18.25 0.50 0.00	17.49 0.41 0.00	18.46 0.64 0.00	19.52 0.29 0.00	23.20 0.30 0.00	26.31 -0.29 0.00	24.73 -0.74 0.00	23.69 -0.48 0.00	23.03 -0.61 0.00	23.15 -0.62 0.00	22.03 -0.82 0.00	21.50 -0.35 0.00	21.15 -0.26 0.00	20.52 -0.27 0.00	22.27 -0.83 0.00	24.34 -0.80 0.00	26.82 -0.74 0.00	28.66 -0.83 0.00	26.82 -0.38 0.00	23.24 -0.31 0.00	21.64 -0.20 0.00	20.42 0.12 0.00
SOUTHOLD_69_KV_BK 2 55809	20.63 1.46 0.00	20.02 1.29 0.00	19.03 1.28 0.00	18.21 1.13 0.00	19.03 1.21 0.00	20.77 1.54 0.00	27.76 2.06 -2.80	29.86 2.55 -0.70	29.16 2.42 -1.27	28.50 2.20 -2.13	25.68 2.03 0.00	25.86 2.09 0.00	24.91 2.06 0.00	23.64 1.79 0.00	24.13 1.82 -0.90	24.42 1.79 -1.85	25.09 1.99 0.00	27.41 2.26 0.00	29.63 2.07 0.00	31.90 2.42 0.00	29.30 2.09 0.00	26.22 2.21 -0.46	24.81 2.18 -0.79	22.85 1.99 -0.56
SOUTHOLD___IC 23719	20.57 1.40 0.00	20.00 1.27 0.00	19.03 1.28 0.00	18.19 1.11 0.00	19.03 1.21 0.00	20.49 1.25 -0.01	27.77 2.06 -2.80	29.87 2.55 -0.71	29.17 2.42 -1.28	28.51 2.20 -2.14	25.68 2.03 -0.01	25.87 2.09 -0.01	24.37 1.51 -0.01	23.65 1.79 -0.01	24.09 1.78 -0.91	24.45 1.81 -1.86	25.09 1.99 0.00	27.43 2.29 0.00	29.63 2.07 0.00	31.93 2.45 0.00	29.22 2.01 0.00	26.22 2.21 -0.46	24.81 2.18 -0.79	22.86 1.99 -0.57
SOUTH_FORK_WT_PWR 323839	20.59 1.42 0.00	20.01 1.29 0.00	19.03 1.28 0.00	18.21 1.13 0.00	19.03 1.21 0.00	20.49 1.25 -0.01	27.77 2.06 -2.80	29.87 2.55 -0.71	29.17 2.42 -1.28	28.48 2.18 -2.14	25.66 2.01 -0.01	25.84 2.07 -0.01	24.32 1.46 -0.01	23.58 1.73 -0.01	24.05 1.73 -0.91	24.39 1.75 -1.86	25.02 1.92 0.00	27.38 2.24 0.00	29.57 2.01 0.00	31.87 2.39 0.00	29.19 1.98 0.00	26.20 2.19 -0.46	24.81 2.18 -0.79	22.88 2.01 -0.57
SPIERFLS_115KV_TB 1 80737	19.73 0.56 0.00	19.27 0.54 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.29 0.46 0.00	19.73 0.50 0.00	23.71 0.80 0.00	27.66 1.06 0.00	26.62 1.15 0.00	25.24 1.06 0.00	24.68 1.04 0.00	24.69 0.93 0.00	23.81 0.96 0.00	22.68 0.83 0.00	22.14 0.73 0.00	21.47 0.69 0.00	23.94 0.83 0.00	26.05 0.91 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.64 0.81 0.00	20.95 0.65 0.00
ST LAWRENCE____ 23600	19.08 -0.10 0.00	18.63 -0.09 0.00	17.66 -0.09 0.00	17.00 -0.08 0.00	17.75 -0.07 0.00	19.15 -0.08 0.00	22.81 -0.09 0.00	26.49 -0.11 0.00	25.37 -0.10 0.00	24.08 -0.10 0.00	23.62 -0.02 0.00	23.72 -0.05 0.00	22.78 -0.07 0.00	21.80 -0.04 0.00	21.37 -0.04 0.00	20.70 -0.08 0.00	23.06 -0.05 0.00	25.04 -0.10 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.15 -0.05 0.00	23.50 -0.05 0.00	21.77 -0.07 0.00	20.24 -0.06 0.00
STATE_CA_115KV_115_LB 55624	19.69 0.52 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.25 0.43 0.00	19.73 0.50 0.00	23.57 0.66 0.00	27.42 0.82 0.00	26.39 0.92 0.00	25.02 0.85 0.00	24.45 0.80 0.00	24.55 0.78 0.00	23.65 0.80 0.00	22.55 0.70 0.00	22.07 0.66 0.00	21.41 0.62 0.00	23.87 0.76 0.00	25.92 0.78 0.00	28.42 0.85 0.00	30.28 0.80 0.00	27.94 0.73 0.00	24.18 0.64 0.00	22.40 0.57 0.00	20.81 0.51 0.00
STATE_ST_34_KV_LOAD 55959	19.40 0.23 0.00	18.97 0.24 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.11 0.29 0.00	19.42 0.19 0.00	23.18 0.27 0.00	26.94 0.35 0.00	25.67 0.20 0.00	24.39 0.22 0.00	23.90 0.26 0.00	24.05 0.29 0.00	23.01 0.16 0.00	22.07 0.22 0.00	21.62 0.21 0.00	21.20 0.42 0.00	23.52 0.42 0.00	25.19 0.05 0.00	27.62 0.06 0.00	29.57 0.09 0.00	27.37 0.16 0.00	23.69 0.14 0.00	21.97 0.13 0.00	20.40 0.10 0.00
STATION 5_MISC_HYD 23604	18.83 -0.34 0.00	18.48 -0.24 0.00	17.45 -0.30 0.00	16.81 -0.27 0.00	17.57 -0.25 0.00	19.10 -0.13 0.00	22.13 -0.78 0.00	25.59 -1.01 0.00	24.40 -1.07 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.70 -1.07 0.00	22.01 -0.85 0.00	21.02 -0.83 0.00	20.62 -0.79 0.00	20.00 -0.79 0.00	22.04 -1.06 0.00	23.94 -1.21 0.00	26.21 -1.35 0.00	28.19 -1.30 0.00	26.22 -0.98 0.00	22.68 -0.87 0.00	21.12 -0.72 0.00	19.75 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.71 0.54 0.00	19.32 0.60 0.00	18.34 0.59 0.00	17.63 0.55 0.00	18.48 0.66 0.00	19.77 0.54 0.00	23.64 0.73 0.00	27.05 0.45 0.00	25.70 0.23 0.00	24.51 0.34 0.00	23.93 0.28 0.00	23.98 0.21 0.00	22.87 0.02 0.00	22.09 0.24 0.00	21.62 0.21 0.00	21.10 0.31 0.00	23.29 0.18 0.00	25.52 0.38 0.00	28.00 0.44 0.00	30.10 0.62 0.00	27.91 0.71 0.00	24.16 0.61 0.00	22.40 0.57 0.00	20.85 0.55 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	18.56 -0.61 0.00	18.26 -0.47 0.00	17.36 -0.39 0.00	16.67 -0.41 0.00	17.47 -0.36 0.00	18.60 -0.63 0.00	22.03 -0.87 0.00	25.51 -1.09 0.00	24.25 -1.22 0.00	23.16 -1.02 0.00	22.55 -1.09 0.00	22.67 -1.09 0.00	21.64 -1.21 0.00	20.97 -0.87 0.00	20.55 -0.86 0.00	19.95 -0.83 0.00	21.97 -1.13 0.00	23.89 -1.26 0.00	26.16 -1.41 0.00	28.07 -1.42 0.00	26.09 -1.12 0.00	22.60 -0.94 0.00	21.05 -0.79 0.00	19.61 -0.69 0.00
STA_56___34_KV_BUS2 355983	18.56 -0.61 0.00	18.26 -0.47 0.00	17.36 -0.39 0.00	16.67 -0.41 0.00	17.47 -0.36 0.00	18.60 -0.63 0.00	22.03 -0.87 0.00	25.51 -1.09 0.00	24.25 -1.22 0.00	23.16 -1.02 0.00	22.55 -1.09 0.00	22.67 -1.09 0.00	21.64 -1.21 0.00	20.97 -0.87 0.00	20.55 -0.86 0.00	19.95 -0.83 0.00	21.97 -1.13 0.00	23.89 -1.26 0.00	26.16 -1.41 0.00	28.07 -1.42 0.00	26.09 -1.12 0.00	22.60 -0.94 0.00	21.05 -0.79 0.00	19.61 -0.69 0.00
STA_67___115KV_BK2 355882	18.62 -0.56 0.00	18.31 -0.41 0.00	17.41 -0.34 0.00	16.73 -0.36 0.00	17.54 -0.29 0.00	18.65 -0.58 0.00	22.08 -0.82 0.00	25.51 -1.09 0.00	24.22 -1.25 0.00	23.13 -1.04 0.00	22.53 -1.11 0.00	22.65 -1.12 0.00	21.59 -1.26 0.00	20.97 -0.87 0.00	20.55 -0.86 0.00	19.95 -0.83 0.00	21.97 -1.13 0.00	23.89 -1.26 0.00	26.16 -1.41 0.00	28.04 -1.44 0.00	26.09 -1.12 0.00	22.63 -0.92 0.00	21.07 -0.76 0.00	19.65 -0.65 0.00
STA_7___115KV_9TRANS 80674	18.73 -0.44 0.00	18.42 -0.30 0.00	17.52 -0.23 0.00	16.83 -0.26 0.00	17.64 -0.18 0.00	18.77 -0.46 0.00	22.22 -0.69 0.00	25.72 -0.88 0.00	24.43 -1.04 0.00	23.33 -0.85 0.00	22.72 -0.92 0.00	22.84 -0.93 0.00	21.78 -1.07 0.00	21.13 -0.72 0.00	20.70 -0.71 0.00	20.10 -0.69 0.00	22.13 -0.97 0.00	24.06 -1.08 0.00	26.35 -1.21 0.00	28.28 -1.21 0.00	26.30 -0.90 0.00	22.82 -0.73 0.00	21.23 -0.61 0.00	19.79 -0.51 0.00
STA_82___115KV_TB1 80780	18.64 -0.54 0.00	18.33 -0.39 0.00	17.43 -0.32 0.00	16.74 -0.34 0.00	17.55 -0.27 0.00	18.67 -0.56 0.00	22.10 -0.82 0.00	25.56 -1.04 0.00	24.25 -1.22 0.00	23.18 -0.99 0.00	22.58 -1.06 0.00	22.70 -1.07 0.00	21.64 -1.21 0.00	21.00 -0.85 0.00	20.60 -0.81 0.00	19.98 -0.81 0.00	22.00 -1.11 0.00	23.91 -1.23 0.00	26.18 -1.38 0.00	28.07 -1.42 0.00	26.11 -1.09 0.00	22.65 -0.89 0.00	21.09 -0.74 0.00	19.67 -0.63 0.00
STEEL___WIND 323596	18.89 -0.29 0.00	18.61 -0.11 0.00	17.57 -0.18 0.00	16.90 -0.19 0.00	17.75 -0.07 0.00	19.35 0.12 0.00	22.08 -0.82 0.00	25.00 -1.60 0.00	23.74 -1.73 0.00	22.62 -1.55 0.00	21.96 -1.68 0.00	22.10 -1.66 0.00	21.57 -1.28 0.00	20.63 -1.22 0.00	20.27 -1.14 0.00	19.68 -1.10 0.00	21.47 -1.64 0.00	23.33 -1.81 0.00	25.63 -1.93 0.00	27.51 -1.98 0.00	25.71 -1.50 0.00	22.25 -1.30 0.00	20.81 -1.03 0.00	19.75 -0.55 0.00
STEPHTWN_115KV_BK_2 55603	19.77 0.59 0.00	19.30 0.58 0.00	18.28 0.53 0.00	17.60 0.51 0.00	18.34 0.52 0.00	19.81 0.58 0.00	23.71 0.80 0.00	27.58 0.98 0.00	26.51 1.04 0.00	25.11 0.94 0.00	24.52 0.87 0.00	24.60 0.83 0.00	23.72 0.87 0.00	22.63 0.79 0.00	22.14 0.73 0.00	21.49 0.71 0.00	23.94 0.83 0.00	26.02 0.88 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.07 0.87 0.00	24.32 0.78 0.00	22.51 0.68 0.00	20.91 0.61 0.00
STEUBEN_REC_LFGE 323667	19.81 0.63 0.00	19.42 0.69 0.00	18.41 0.66 0.00	17.70 0.62 0.00	18.61 0.78 0.00	19.88 0.65 0.00	23.89 0.98 0.00	27.64 1.04 0.00	26.08 0.61 0.00	24.92 0.75 0.00	24.42 0.78 0.00	24.58 0.81 0.00	23.51 0.66 0.00	22.63 0.79 0.00	22.20 0.79 0.00	21.53 0.75 0.00	23.78 0.67 0.00	25.87 0.73 0.00	28.50 0.94 0.00	30.66 1.18 0.00	28.45 1.25 0.00	24.63 1.08 0.00	22.84 1.00 0.00	21.33 1.04 0.00
STILLWATER___SOLAR 323814	19.69 0.52 0.00	19.23 0.51 0.00	18.23 0.48 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.67 0.44 0.00	23.66 0.75 0.00	27.53 0.93 0.00	26.46 0.99 0.00	25.09 0.92 0.00	24.52 0.88 0.00	24.58 0.81 0.00	23.63 0.78 0.00	22.59 0.74 0.00	22.09 0.68 0.00	21.43 0.65 0.00	23.87 0.76 0.00	26.00 0.86 0.00	28.53 0.96 0.00	30.43 0.94 0.00	28.10 0.90 0.00	24.32 0.78 0.00	22.54 0.70 0.00	20.87 0.57 0.00
STONY___BROOK 24151	20.11 0.94 0.00	19.55 0.82 0.00	18.57 0.82 0.00	17.78 0.70 0.00	18.59 0.77 0.00	20.05 0.81 -0.01	27.20 1.49 -2.80	29.15 1.83 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.16 1.51 -0.01	25.39 1.62 -0.01	24.11 1.26 -0.01	23.30 1.44 -0.01	23.77 1.46 -0.91	24.12 1.48 -1.86	24.72 1.62 0.00	26.95 1.81 0.00	29.24 1.68 0.00	31.34 1.86 0.00	28.70 1.50 0.00	25.59 1.58 -0.46	24.16 1.53 -0.79	22.25 1.38 -0.57
STURGEON_POOL_HYD 23609	19.46 0.29 0.00	18.93 0.21 0.00	17.91 0.16 0.00	17.24 0.15 0.00	17.93 0.11 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.21 0.61 0.00	26.11 0.64 0.00	24.70 0.53 0.00	24.11 0.47 0.00	24.29 0.52 0.00	23.40 0.55 0.00	22.31 0.46 0.00	21.86 0.45 0.00	21.24 0.46 0.00	23.71 0.60 0.00	25.80 0.65 0.00	28.36 0.80 0.00	30.25 0.77 0.00	27.86 0.65 0.00	24.02 0.47 0.00	22.30 0.46 0.00	20.73 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.46 0.29 0.00	18.95 0.22 0.00	17.93 0.18 0.00	17.25 0.17 0.00	17.95 0.12 0.00	19.50 0.27 0.00	23.41 0.50 0.00	27.24 0.64 0.00	26.11 0.64 0.00	24.73 0.56 0.00	24.16 0.52 0.00	24.31 0.55 0.00	23.44 0.59 0.00	22.33 0.48 0.00	21.90 0.49 0.00	21.31 0.52 0.00	23.75 0.65 0.00	25.85 0.70 0.00	28.39 0.83 0.00	30.31 0.83 0.00	27.91 0.71 0.00	24.06 0.52 0.00	22.36 0.52 0.00	20.77 0.47 0.00
SWANROAD_115KV_TB1 355699	17.87 -1.30 0.00	17.67 -1.05 0.00	16.86 -0.89 0.00	16.18 -0.91 0.00	17.04 -0.78 0.00	17.94 -1.29 0.00	21.07 -1.83 0.00	23.86 -2.74 0.00	22.52 -2.95 0.00	21.63 -2.54 0.00	20.99 -2.65 0.00	21.13 -2.64 0.00	20.09 -2.76 0.00	19.75 -2.10 0.00	19.42 -1.99 0.00	18.85 -1.93 0.00	20.52 -2.59 0.00	22.30 -2.84 0.00	24.48 -3.09 0.00	26.12 -3.36 0.00	24.51 -2.69 0.00	21.29 -2.26 0.00	19.96 -1.88 0.00	18.82 -1.48 0.00
SYNERGY___BIOGAS 323694	18.87 -0.31 0.00	18.57 -0.15 0.00	17.52 -0.23 0.00	16.88 -0.20 0.00	17.68 -0.14 0.00	19.27 0.04 0.00	22.08 -0.82 0.00	25.32 -1.28 0.00	24.17 -1.30 0.00	22.99 -1.18 0.00	22.32 -1.32 0.00	22.32 -1.45 0.00	21.71 -1.14 0.00	20.76 -1.09 0.00	20.36 -1.05 0.00	19.79 -1.00 0.00	21.67 -1.43 0.00	23.53 -1.61 0.00	25.83 -1.74 0.00	27.83 -1.65 0.00	25.98 -1.22 0.00	22.46 -1.08 0.00	20.96 -0.87 0.00	19.77 -0.53 0.00
SYRACUSE___ENERGY_ST1 323597	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00

SYRACUSE___ENERGY_ST2 323598	19.27 0.10 0.00	18.84 0.11 0.00	17.87 0.12 0.00	17.20 0.12 0.00	17.98 0.16 0.00	19.29 0.06 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.39 -0.08 0.00	24.15 -0.02 0.00	23.67 0.02 0.00	23.81 0.05 0.00	22.80 -0.05 0.00	21.85 0.00 0.00	21.41 0.00 0.00	20.95 0.17 0.00	23.29 0.18 0.00	25.04 -0.10 0.00	27.45 -0.11 0.00	29.37 -0.12 0.00	27.15 -0.05 0.00	23.52 -0.02 0.00	21.84 0.00 0.00	20.30 0.00 0.00
SYRACUSE___POWER 24017	19.17 0.00 0.00	18.74 0.02 0.00	17.79 0.04 0.00	17.12 0.03 0.00	17.89 0.07 0.00	19.19 -0.04 0.00	22.84 -0.07 0.00	26.49 -0.11 0.00	25.27 -0.20 0.00	24.03 -0.15 0.00	23.52 -0.12 0.00	23.67 -0.10 0.00	22.69 -0.16 0.00	21.74 -0.11 0.00	21.30 -0.11 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	24.99 -0.15 0.00	27.40 -0.17 0.00	29.31 -0.18 0.00	27.09 -0.11 0.00	23.45 -0.09 0.00	21.75 -0.09 0.00	20.24 -0.06 0.00
TALLMAN__138KV_BK151 55660	19.52 0.35 0.00	18.99 0.26 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.54 0.31 0.00	23.48 0.57 0.00	27.34 0.74 0.00	26.23 0.76 0.00	24.82 0.65 0.00	24.26 0.61 0.00	24.43 0.67 0.00	23.56 0.71 0.00	22.42 0.57 0.00	22.01 0.60 0.00	21.41 0.62 0.00	23.87 0.76 0.00	25.97 0.83 0.00	28.53 0.96 0.00	30.46 0.97 0.00	28.05 0.84 0.00	24.16 0.61 0.00	22.45 0.61 0.00	20.85 0.55 0.00
TEALLAVE_115KV_TB7 355573	19.08 -0.10 0.00	18.67 -0.06 0.00	17.72 -0.04 0.00	17.05 -0.03 0.00	17.82 0.00 0.00	19.12 -0.12 0.00	22.72 -0.18 0.00	26.36 -0.24 0.00	25.14 -0.33 0.00	23.91 -0.27 0.00	23.41 -0.24 0.00	23.55 -0.21 0.00	22.58 -0.27 0.00	21.65 -0.20 0.00	21.19 -0.21 0.00	20.60 -0.19 0.00	22.94 -0.16 0.00	24.89 -0.25 0.00	27.26 -0.30 0.00	29.16 -0.32 0.00	26.96 -0.24 0.00	23.36 -0.19 0.00	21.68 -0.15 0.00	20.16 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	18.35 -0.82 0.00	18.12 -0.60 0.00	17.29 -0.46 0.00	16.57 -0.51 0.00	17.45 -0.37 0.00	18.40 -0.83 0.00	21.69 -1.21 0.00	24.74 -1.86 0.00	23.33 -2.14 0.00	22.38 -1.79 0.00	21.73 -1.91 0.00	21.87 -1.90 0.00	20.77 -2.08 0.00	20.38 -1.46 0.00	20.02 -1.39 0.00	19.46 -1.33 0.00	21.21 -1.89 0.00	23.08 -2.06 0.00	25.30 -2.26 0.00	27.10 -2.39 0.00	25.35 -1.85 0.00	22.02 -1.53 0.00	20.59 -1.24 0.00	19.35 -0.95 0.00
TEMPLE___115KV_TB 2 55572	19.10 -0.08 0.00	18.69 -0.04 0.00	17.73 -0.02 0.00	17.07 -0.02 0.00	17.84 0.02 0.00	19.13 -0.10 0.00	22.72 -0.18 0.00	26.39 -0.21 0.00	25.16 -0.31 0.00	23.93 -0.24 0.00	23.43 -0.21 0.00	23.58 -0.19 0.00	22.60 -0.25 0.00	21.67 -0.17 0.00	21.22 -0.19 0.00	20.62 -0.17 0.00	22.97 -0.14 0.00	24.92 -0.23 0.00	27.29 -0.28 0.00	29.19 -0.29 0.00	26.98 -0.22 0.00	23.38 -0.16 0.00	21.68 -0.15 0.00	20.18 -0.12 0.00
TIANA____69_KV_BK 1 55817	20.34 1.17 0.00	19.73 1.01 0.00	18.74 0.99 0.00	17.96 0.87 0.00	18.77 0.94 0.00	20.48 1.25 0.00	27.42 1.72 -2.80	29.41 2.10 -0.70	28.76 2.01 -1.27	28.14 1.84 -2.13	25.32 1.76 0.00	25.53 1.78 0.00	24.63 1.78 0.00	23.40 1.55 0.00	23.87 1.56 -0.90	24.19 1.56 -1.85	24.84 1.73 0.00	27.10 1.96 0.00	29.24 1.68 0.00	31.43 1.95 0.00	28.83 1.63 0.00	25.77 1.77 -0.46	24.39 1.77 -0.79	22.47 1.60 -0.56
TILDEN___115KV_TB1 80814	19.17 0.00 0.00	18.74 0.02 0.00	17.79 0.04 0.00	17.12 0.03 0.00	17.89 0.07 0.00	19.19 -0.04 0.00	22.84 -0.07 0.00	26.49 -0.11 0.00	25.27 -0.20 0.00	24.03 -0.15 0.00	23.52 -0.12 0.00	23.67 -0.10 0.00	22.69 -0.16 0.00	21.74 -0.11 0.00	21.30 -0.11 0.00	20.72 -0.06 0.00	23.06 -0.05 0.00	24.99 -0.15 0.00	27.40 -0.17 0.00	29.31 -0.18 0.00	27.09 -0.11 0.00	23.45 -0.09 0.00	21.75 -0.09 0.00	20.24 -0.06 0.00
TRIGEN___CC 323695	19.83 0.65 0.00	19.25 0.52 0.00	18.23 0.48 0.00	17.51 0.43 0.00	18.25 0.43 0.00	19.90 0.67 0.00	26.71 1.01 -2.80	28.58 1.28 -0.70	28.04 1.30 -1.27	27.46 1.16 -2.13	24.73 1.09 0.00	24.93 1.16 0.00	24.06 1.21 0.00	22.87 1.03 0.00	23.36 1.05 -0.90	23.69 1.06 -1.85	24.31 1.20 0.00	26.43 1.28 0.00	28.91 1.35 0.00	30.90 1.42 0.00	28.40 1.20 0.00	25.09 1.08 -0.46	23.69 1.07 -0.79	21.82 0.95 -0.56
TRINITY__115KV__ 4 BK 55933	19.60 0.42 0.00	19.14 0.41 0.00	18.12 0.37 0.00	17.44 0.36 0.00	18.16 0.34 0.00	19.63 0.40 0.00	23.46 0.55 0.00	27.26 0.66 0.00	26.21 0.74 0.00	24.87 0.70 0.00	24.28 0.64 0.00	24.39 0.62 0.00	23.49 0.64 0.00	22.42 0.57 0.00	21.94 0.54 0.00	21.28 0.50 0.00	23.71 0.60 0.00	25.77 0.63 0.00	28.25 0.69 0.00	30.10 0.62 0.00	27.77 0.57 0.00	24.06 0.52 0.00	22.27 0.44 0.00	20.69 0.39 0.00
UNION___PROCESSING_DRP 323587	18.64 -0.54 0.00	18.33 -0.39 0.00	17.43 -0.32 0.00	16.76 -0.32 0.00	17.55 -0.27 0.00	18.67 -0.56 0.00	22.13 -0.78 0.00	25.56 -1.04 0.00	24.27 -1.20 0.00	23.20 -0.97 0.00	22.60 -1.04 0.00	22.70 -1.07 0.00	21.64 -1.21 0.00	21.02 -0.83 0.00	20.60 -0.81 0.00	20.00 -0.79 0.00	22.00 -1.11 0.00	23.91 -1.23 0.00	26.18 -1.38 0.00	28.10 -1.39 0.00	26.14 -1.06 0.00	22.65 -0.89 0.00	21.09 -0.74 0.00	19.69 -0.61 0.00
UPPER HUDSON___HYD 24058	19.71 0.54 0.00	19.25 0.52 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.67 0.44 0.00	23.71 0.80 0.00	27.66 1.07 0.00	26.62 1.15 0.00	25.23 1.06 0.00	24.68 1.04 0.00	24.69 0.93 0.00	23.77 0.91 0.00	22.68 0.83 0.00	22.14 0.73 0.00	21.47 0.68 0.00	23.94 0.83 0.00	26.05 0.90 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.65 0.81 0.00	20.95 0.65 0.00
UPPER RAQUET___HYD 24056	18.66 -0.52 0.00	18.24 -0.49 0.00	17.27 -0.48 0.00	16.62 -0.46 0.00	17.36 -0.46 0.00	18.77 -0.46 0.00	22.36 -0.55 0.00	26.04 -0.56 0.00	24.91 -0.56 0.00	23.64 -0.53 0.00	23.19 -0.45 0.00	23.29 -0.48 0.00	22.30 -0.55 0.00	21.32 -0.52 0.00	20.96 -0.45 0.00	20.29 -0.50 0.00	22.62 -0.49 0.00	24.54 -0.60 0.00	26.87 -0.69 0.00	28.90 -0.59 0.00	26.63 -0.57 0.00	23.08 -0.47 0.00	21.31 -0.52 0.00	19.81 -0.49 0.00
VALLEY44_115KV_TB2 355964	19.16 -0.02 0.00	18.87 0.15 0.00	18.00 0.25 0.00	17.24 0.15 0.00	18.18 0.36 0.00	19.21 -0.02 0.00	22.88 -0.02 0.00	25.80 -0.80 0.00	24.20 -1.27 0.00	23.13 -1.04 0.00	22.48 -1.16 0.00	22.63 -1.14 0.00	21.59 -1.26 0.00	21.04 -0.81 0.00	20.72 -0.69 0.00	20.12 -0.67 0.00	21.88 -1.22 0.00	23.94 -1.21 0.00	26.35 -1.21 0.00	28.25 -1.24 0.00	26.33 -0.87 0.00	22.84 -0.71 0.00	21.29 -0.55 0.00	20.16 -0.14 0.00
VALLEY___115KV_TB 1-4 80826	18.79 -0.38 0.00	18.31 -0.41 0.00	17.38 -0.37 0.00	16.79 -0.29 0.00	17.61 -0.21 0.00	19.10 -0.13 0.00	22.75 -0.16 0.00	26.41 -0.19 0.00	25.27 -0.20 0.00	24.00 -0.17 0.00	23.52 -0.12 0.00	23.67 -0.10 0.00	22.78 -0.07 0.00	21.74 -0.11 0.00	21.30 -0.11 0.00	20.70 -0.08 0.00	22.97 -0.14 0.00	25.02 -0.13 0.00	27.37 -0.19 0.00	29.31 -0.18 0.00	27.04 -0.16 0.00	23.43 -0.12 0.00	21.75 -0.09 0.00	20.20 -0.10 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.08 0.90 0.00	19.58 0.86 0.00	18.55 0.80 0.00	17.85 0.77 0.00	18.64 0.82 0.00	20.19 0.96 0.00	24.12 1.21 0.00	28.22 1.62 0.00	26.97 1.50 0.00	25.57 1.40 0.00	24.94 1.30 0.00	25.10 1.33 0.00	24.13 1.28 0.00	22.98 1.14 0.00	22.52 1.11 0.00	21.89 1.10 0.00	24.26 1.16 0.00	26.43 1.28 0.00	28.91 1.35 0.00	31.14 1.65 0.00	28.70 1.50 0.00	24.84 1.30 0.00	23.10 1.27 0.00	21.42 1.12 0.00
VISCHER___FERRY HYD 24020	19.50 0.33 0.00	19.02 0.30 0.00	18.05 0.30 0.00	17.37 0.29 0.00	18.09 0.27 0.00	19.50 0.27 0.00	23.39 0.48 0.00	27.18 0.58 0.00	26.13 0.66 0.00	24.80 0.63 0.00	24.19 0.54 0.00	24.29 0.52 0.00	23.33 0.48 0.00	22.33 0.48 0.00	21.86 0.45 0.00	21.20 0.42 0.00	23.61 0.51 0.00	25.72 0.58 0.00	28.17 0.61 0.00	30.04 0.56 0.00	27.69 0.49 0.00	23.99 0.45 0.00	22.23 0.39 0.00	20.60 0.30 0.00
V_A_10_SYNC_DSASP 323832	18.35 -0.82 0.00	18.07 -0.66 0.00	17.04 -0.71 0.00	16.42 -0.67 0.00	17.20 -0.62 0.00	18.71 -0.52 0.00	21.42 -1.49 0.00	24.45 -2.15 0.00	23.28 -2.19 0.00	22.17 -2.01 0.00	21.56 -2.08 0.00	21.68 -2.09 0.00	21.14 -1.71 0.00	20.21 -1.64 0.00	19.85 -1.56 0.00	19.29 -1.50 0.00	21.12 -1.99 0.00	22.93 -2.21 0.00	25.14 -2.43 0.00	26.95 -2.54 0.00	25.16 -2.04 0.00	21.78 -1.77 0.00	20.37 -1.46 0.00	19.18 -1.12 0.00
V_CMM_10_SYNC_DSASP 323787	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.84 0.02 0.00	19.25 0.02 0.00	22.93 0.02 0.00	26.63 0.03 0.00	25.50 0.03 0.00	24.20 0.02 0.00	23.74 0.09 0.00	23.84 0.07 0.00	22.90 0.05 0.00	21.91 0.07 0.00	21.47 0.06 0.00	20.81 0.02 0.00	23.15 0.05 0.00	25.14 0.00 0.00	27.59 0.03 0.00	29.54 0.06 0.00	27.26 0.05 0.00	23.62 0.07 0.00	21.86 0.02 0.00	20.34 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	19.88 0.71 0.00	19.43 0.71 0.00	18.43 0.67 0.00	17.70 0.61 0.00	18.52 0.69 0.00	19.98 0.75 0.00	23.78 0.87 0.00	27.26 0.67 0.00	26.03 0.56 0.00	24.73 0.56 0.00	24.61 0.97 0.00	24.65 0.88 0.00	23.42 0.57 0.00	22.46 0.61 0.00	21.94 0.54 0.00	21.26 0.48 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.31 0.74 0.00	30.34 0.86 0.00	28.02 0.82 0.00	24.28 0.73 0.00	22.40 0.57 0.00	20.89 0.59 0.00
V_D_10_SYNC_DSASP 323841	19.23 0.06 0.00	18.80 0.08 0.00	17.82 0.07 0.00	17.14 0.05 0.00	17.89 0.07 0.00	19.33 0.10 0.00	23.00 0.09 0.00	26.73 0.13 0.00	25.57 0.10 0.00	24.29 0.12 0.00	23.83 0.19 0.00	23.91 0.14 0.00	22.97 0.11 0.00	21.98 0.13 0.00	21.54 0.13 0.00	20.87 0.08 0.00	23.24 0.14 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.66 0.18 0.00	27.37 0.16 0.00	23.71 0.17 0.00	21.95 0.11 0.00	20.42 0.12 0.00
V_E_10_SYNC_DSASP 323830	20.75 1.57 0.00	20.18 1.46 0.00	19.03 1.28 0.00	18.33 1.25 0.00	19.21 1.39 0.00	20.90 1.67 0.00	24.85 1.95 0.00	29.15 2.55 0.00	27.53 2.06 0.00	26.06 1.89 0.00	25.42 1.77 0.00	25.55 1.78 0.00	24.59 1.74 0.00	23.31 1.46 0.00	22.88 1.48 0.00	22.32 1.54 0.00	24.81 1.71 0.00	27.03 1.89 0.00	29.68 2.12 0.00	32.29 2.80 0.00	29.70 2.50 0.00	25.74 2.19 0.00	23.95 2.12 0.00	22.21 1.91 0.00
V_F_30_NSYNC___DSASP 323816	19.71 0.54 0.00	19.25 0.52 0.00	18.25 0.50 0.00	17.56 0.48 0.00	18.30 0.48 0.00	19.71 0.48 0.00	23.68 0.78 0.00	27.58 0.98 0.00	26.49 1.02 0.00	25.11 0.94 0.00	24.54 0.90 0.00	24.62 0.85 0.00	23.67 0.82 0.00	22.61 0.76 0.00	22.11 0.71 0.00	21.45 0.66 0.00	23.91 0.81 0.00	26.02 0.88 0.00	28.55 0.99 0.00	30.49 1.00 0.00	28.15 0.95 0.00	24.35 0.80 0.00	22.56 0.72 0.00	20.91 0.61 0.00
V_F_30_SYNC_DSASP 323786	19.69 0.52 0.00	19.23 0.51 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.25 0.43 0.00	19.73 0.50 0.00	23.57 0.66 0.00	27.42 0.82 0.00	26.39 0.92 0.00	25.02 0.85 0.00	24.45 0.80 0.00	24.53 0.76 0.00	23.65 0.80 0.00	22.55 0.70 0.00	22.07 0.66 0.00	21.41 0.62 0.00	23.87 0.76 0.00	25.92 0.78 0.00	28.39 0.83 0.00	30.28 0.80 0.00	27.94 0.73 0.00	24.18 0.64 0.00	22.40 0.57 0.00	20.81 0.51 0.00
V_XM_10_SYNC_DSASP 323789	19.88 0.71 0.00	19.43 0.71 0.00	18.43 0.67 0.00	17.70 0.61 0.00	18.52 0.69 0.00	19.98 0.75 0.00	23.78 0.87 0.00	27.26 0.67 0.00	26.03 0.56 0.00	24.73 0.56 0.00	24.61 0.97 0.00	24.65 0.88 0.00	23.42 0.57 0.00	22.46 0.61 0.00	21.94 0.54 0.00	21.26 0.48 0.00	23.73 0.62 0.00	25.72 0.58 0.00	28.31 0.74 0.00	30.34 0.86 0.00	28.02 0.82 0.00	24.28 0.73 0.00	22.40 0.57 0.00	20.89 0.59 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.56 0.38 0.00	19.04 0.32 0.00	18.00 0.25 0.00	17.32 0.24 0.00	18.02 0.20 0.00	19.60 0.37 0.00	23.55 0.64 0.00	27.42 0.82 0.00	26.31 0.84 0.00	24.90 0.73 0.00	24.33 0.69 0.00	24.50 0.74 0.00	23.63 0.78 0.00	22.48 0.63 0.00	22.07 0.66 0.00	21.47 0.69 0.00	23.94 0.83 0.00	26.05 0.91 0.00	28.61 1.05 0.00	30.55 1.06 0.00	28.13 0.92 0.00	24.23 0.68 0.00	22.51 0.68 0.00	20.91 0.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.54 0.36 0.00	19.00 0.28 0.00	17.96 0.21 0.00	17.29 0.21 0.00	17.96 0.14 0.00	19.60 0.37 0.00	23.57 0.66 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.04 0.87 0.00	24.49 0.85 0.00	24.67 0.90 0.00	23.79 0.94 0.00	22.63 0.79 0.00	22.18 0.77 0.00	21.60 0.81 0.00	24.14 1.04 0.00	26.20 1.06 0.00	28.83 1.27 0.00	30.69 1.21 0.00	28.24 1.03 0.00	24.30 0.75 0.00	22.64 0.81 0.00	21.01 0.71 0.00
W50THST__13_KV_LOAD 356117	19.62 0.44 0.00	19.06 0.34 0.00	18.02 0.27 0.00	17.36 0.27 0.00	18.02 0.20 0.00	19.67 0.44 0.00	23.66 0.76 0.00	27.61 1.01 0.00	26.59 1.12 0.00	25.14 0.97 0.00	24.59 0.95 0.00	24.79 1.02 0.00	23.90 1.05 0.00	22.74 0.90 0.00	22.29 0.88 0.00	21.70 0.91 0.00	24.26 1.16 0.00	26.32 1.18 0.00	28.97 1.41 0.00	30.84 1.36 0.00	28.34 1.14 0.00	24.39 0.85 0.00	22.73 0.90 0.00	21.09 0.79 0.00
WADING RIVER_IC_1 23522	20.13 0.96 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.16 1.51 -0.01	25.37 1.59 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.95 1.81 0.00	28.99 1.43 0.00	31.13 1.65 0.00	28.48 1.28 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
WADING RIVER_IC_2 23547	20.13 0.96 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.16 1.51 -0.01	25.37 1.59 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.95 1.81 0.00	28.99 1.43 0.00	31.13 1.65 0.00	28.48 1.28 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57

WADING RIVER_IC_3 23601	20.13 0.96 0.00	19.57 0.84 0.00	18.62 0.87 0.00	17.83 0.75 0.00	18.64 0.82 0.00	20.08 0.85 -0.01	27.27 1.56 -2.80	29.20 1.89 -0.71	28.56 1.81 -1.28	27.97 1.67 -2.14	25.16 1.51 -0.01	25.37 1.59 -0.01	23.89 1.03 -0.01	23.28 1.42 -0.01	23.71 1.39 -0.91	24.07 1.43 -1.86	24.70 1.59 0.00	26.95 1.81 0.00	28.99 1.43 0.00	31.13 1.65 0.00	28.48 1.28 0.00	25.54 1.53 -0.46	24.22 1.59 -0.79	22.31 1.44 -0.57
WALDENNY_I2_KV_BK2 80841	18.58 -0.59 0.00	18.37 -0.36 0.00	17.52 -0.23 0.00	16.79 -0.29 0.00	17.70 -0.12 0.00	18.67 -0.56 0.00	22.01 -0.89 0.00	24.95 -1.65 0.00	23.53 -1.94 0.00	22.58 -1.60 0.00	21.94 -1.70 0.00	22.06 -1.71 0.00	21.00 -1.85 0.00	20.60 -1.25 0.00	20.25 -1.16 0.00	19.66 -1.12 0.00	21.37 -1.73 0.00	23.28 -1.86 0.00	25.55 -2.01 0.00	27.30 -2.18 0.00	25.57 -1.63 0.00	22.20 -1.34 0.00	20.75 -1.09 0.00	19.57 -0.73 0.00
WALDEN___HYDRO 24148	19.60 0.42 0.00	19.08 0.36 0.00	18.03 0.28 0.00	17.36 0.27 0.00	18.07 0.25 0.00	19.63 0.40 0.00	23.57 0.66 0.00	27.40 0.80 0.00	26.26 0.79 0.00	24.85 0.68 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.51 0.66 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.37 0.58 0.00	23.89 0.79 0.00	25.97 0.83 0.00	28.58 1.02 0.00	30.55 1.06 0.00	28.15 0.95 0.00	24.25 0.71 0.00	22.51 0.68 0.00	20.91 0.61 0.00
WARRENSBURG____ 23737	19.71 0.54 0.00	19.25 0.52 0.00	18.21 0.46 0.00	17.53 0.44 0.00	18.28 0.46 0.00	19.67 0.44 0.00	23.71 0.80 0.00	27.66 1.07 0.00	26.62 1.15 0.00	25.23 1.06 0.00	24.68 1.04 0.00	24.69 0.93 0.00	23.77 0.91 0.00	22.68 0.83 0.00	22.14 0.73 0.00	21.47 0.68 0.00	23.94 0.83 0.00	26.05 0.90 0.00	28.64 1.07 0.00	30.58 1.09 0.00	28.29 1.09 0.00	24.44 0.89 0.00	22.65 0.81 0.00	20.95 0.65 0.00
WATERSIDE___6 8 9 23538	19.60 0.42 0.00	19.04 0.32 0.00	18.00 0.25 0.00	17.31 0.22 0.00	17.98 0.16 0.00	19.62 0.38 0.00	23.52 0.62 0.00	27.42 0.82 0.00	26.39 0.92 0.00	24.97 0.80 0.00	24.45 0.80 0.00	24.62 0.86 0.00	23.76 0.91 0.00	22.59 0.74 0.00	22.16 0.75 0.00	21.56 0.77 0.00	24.12 1.02 0.00	26.17 1.03 0.00	28.78 1.21 0.00	30.63 1.15 0.00	28.18 0.98 0.00	24.25 0.71 0.00	22.69 0.85 0.00	21.11 0.81 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.02 -0.15 0.00	18.55 -0.17 0.00	17.59 -0.16 0.00	16.96 -0.12 0.00	17.73 -0.09 0.00	19.17 -0.06 0.00	22.86 -0.05 0.00	26.57 -0.03 0.00	25.42 -0.05 0.00	24.12 -0.05 0.00	23.59 -0.05 0.00	23.74 -0.02 0.00	22.85 0.00 0.00	21.80 -0.04 0.00	21.37 -0.04 0.00	20.77 -0.02 0.00	23.04 -0.07 0.00	25.09 -0.05 0.00	27.48 -0.08 0.00	29.43 -0.06 0.00	27.12 -0.08 0.00	23.50 -0.05 0.00	21.79 -0.04 0.00	20.24 -0.06 0.00
WATSON___69_KV_BK 1 55734	20.25 1.07 0.00	19.64 0.92 0.00	18.64 0.89 0.00	17.87 0.79 0.00	18.66 0.84 0.00	20.38 1.15 0.00	27.30 1.60 -2.80	29.25 1.94 -0.70	28.65 1.91 -1.27	28.04 1.74 -2.13	25.23 1.58 0.00	25.43 1.66 0.00	24.56 1.71 0.00	23.36 1.51 0.00	23.83 1.52 -0.90	24.13 1.50 -1.85	24.77 1.66 0.00	26.98 1.84 0.00	29.33 1.76 0.00	31.46 1.98 0.00	28.89 1.69 0.00	25.68 1.67 -0.46	24.24 1.62 -0.79	22.34 1.48 -0.56
WDELAWARE___HYD 323627	19.98 0.81 0.00	19.49 0.77 0.00	18.44 0.69 0.00	17.73 0.65 0.00	18.50 0.68 0.00	19.98 0.75 0.00	24.07 1.17 0.00	27.98 1.38 0.00	26.74 1.27 0.00	25.31 1.14 0.00	24.68 1.04 0.00	24.81 1.04 0.00	23.70 0.85 0.00	22.57 0.72 0.00	22.11 0.71 0.00	21.51 0.73 0.00	24.01 0.90 0.00	26.15 1.01 0.00	28.80 1.24 0.00	30.81 1.33 0.00	28.37 1.17 0.00	24.46 0.92 0.00	22.71 0.87 0.00	21.09 0.79 0.00
WEST BABYLON___IC 23714	20.17 1.00 0.00	19.57 0.84 0.00	18.55 0.80 0.00	17.78 0.70 0.00	18.57 0.75 0.00	20.27 1.04 0.00	27.17 1.47 -2.80	29.09 1.78 -0.70	28.50 1.76 -1.27	27.89 1.60 -2.13	25.11 1.47 0.00	25.31 1.54 0.00	24.45 1.60 0.00	23.25 1.40 0.00	23.70 1.39 -0.90	24.05 1.41 -1.85	24.68 1.57 0.00	26.85 1.71 0.00	29.27 1.71 0.00	31.37 1.89 0.00	28.81 1.60 0.00	25.53 1.53 -0.46	24.11 1.48 -0.79	22.22 1.36 -0.56
WEST CANADA___HYD 24049	19.17 0.00 0.00	18.72 0.00 0.00	17.75 0.00 0.00	17.08 0.00 0.00	17.82 0.00 0.00	19.23 0.00 0.00	22.93 0.02 0.00	26.65 0.05 0.00	25.52 0.05 0.00	24.22 0.05 0.00	23.67 0.02 0.00	23.82 0.05 0.00	22.90 0.05 0.00	21.87 0.02 0.00	21.45 0.04 0.00	20.83 0.04 0.00	23.11 0.00 0.00	25.17 0.03 0.00	27.56 0.00 0.00	29.48 0.00 0.00	27.20 0.00 0.00	23.55 0.00 0.00	21.84 0.00 0.00	20.30 0.00 0.00
WESTERN_NY_WIND 24143	18.60 -0.58 0.00	18.37 -0.36 0.00	17.50 -0.25 0.00	16.79 -0.29 0.00	17.66 -0.16 0.00	18.65 -0.58 0.00	22.06 -0.85 0.00	25.27 -1.33 0.00	23.97 -1.50 0.00	22.94 -1.23 0.00	22.27 -1.37 0.00	22.27 -1.50 0.00	21.16 -1.69 0.00	20.71 -1.14 0.00	20.32 -1.09 0.00	19.75 -1.04 0.00	21.56 -1.55 0.00	23.48 -1.66 0.00	25.74 -1.82 0.00	27.63 -1.86 0.00	25.84 -1.36 0.00	22.42 -1.13 0.00	20.92 -0.92 0.00	19.63 -0.67 0.00
WESTOVER___LESR 323668	19.42 0.25 0.00	19.00 0.28 0.00	18.03 0.28 0.00	17.32 0.24 0.00	18.14 0.32 0.00	19.46 0.23 0.00	23.23 0.32 0.00	26.84 0.24 0.00	25.52 0.05 0.00	24.27 0.10 0.00	23.74 0.09 0.00	23.86 0.10 0.00	22.90 0.05 0.00	21.98 0.13 0.00	21.56 0.15 0.00	20.93 0.15 0.00	23.17 0.07 0.00	25.22 0.08 0.00	27.67 0.11 0.00	29.63 0.15 0.00	27.42 0.22 0.00	23.73 0.19 0.00	22.03 0.20 0.00	20.56 0.26 0.00
WETHRSFD_WT_PWR 323626	18.62 -0.56 0.00	18.35 -0.37 0.00	17.32 -0.43 0.00	16.66 -0.43 0.00	17.50 -0.32 0.00	19.08 -0.15 0.00	21.76 -1.14 0.00	24.66 -1.94 0.00	23.43 -2.04 0.00	22.33 -1.84 0.00	21.73 -1.91 0.00	21.84 -1.92 0.00	21.32 -1.53 0.00	20.38 -1.46 0.00	20.04 -1.37 0.00	19.46 -1.33 0.00	21.21 -1.89 0.00	23.06 -2.09 0.00	25.30 -2.26 0.00	27.15 -2.33 0.00	25.38 -1.82 0.00	21.97 -1.58 0.00	20.57 -1.27 0.00	19.51 -0.79 0.00
WHAVSTOR_138KV_BK127 55557	19.50 0.33 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.48 0.57 0.00	27.32 0.72 0.00	26.21 0.74 0.00	24.80 0.63 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.56 0.71 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.87 0.76 0.00	25.95 0.80 0.00	28.53 0.96 0.00	30.46 0.97 0.00	28.02 0.82 0.00	24.13 0.59 0.00	22.45 0.61 0.00	20.83 0.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.50 0.33 0.00	18.97 0.24 0.00	17.95 0.20 0.00	17.27 0.19 0.00	17.96 0.14 0.00	19.52 0.29 0.00	23.48 0.57 0.00	27.32 0.72 0.00	26.21 0.74 0.00	24.80 0.63 0.00	24.26 0.61 0.00	24.41 0.64 0.00	23.56 0.71 0.00	22.42 0.57 0.00	21.99 0.58 0.00	21.39 0.60 0.00	23.87 0.76 0.00	25.95 0.80 0.00	28.53 0.96 0.00	30.46 0.97 0.00	28.02 0.82 0.00	24.13 0.59 0.00	22.45 0.61 0.00	20.83 0.53 0.00

WHITEHAL_115KV_TB1 80871	20.02 0.84 0.00	19.55 0.82 0.00	18.46 0.71 0.00	17.77 0.68 0.00	18.53 0.71 0.00	20.00 0.77 0.00	24.10 1.19 0.00	28.17 1.57 0.00	27.10 1.63 0.00	25.67 1.50 0.00	25.08 1.44 0.00	25.10 1.33 0.00	24.22 1.37 0.00	23.03 1.18 0.00	22.46 1.05 0.00	21.78 1.00 0.00	24.31 1.20 0.00	26.45 1.31 0.00	29.13 1.57 0.00	31.11 1.62 0.00	28.81 1.60 0.00	24.89 1.34 0.00	23.04 1.20 0.00	21.29 0.99 0.00
WHITEPLN_13_KV_LOAD 356215	19.69 0.52 0.00	19.15 0.43 0.00	18.11 0.36 0.00	17.43 0.34 0.00	18.12 0.30 0.00	19.75 0.52 0.00	23.71 0.80 0.00	27.72 1.12 0.00	26.64 1.17 0.00	25.21 1.04 0.00	24.66 1.02 0.00	24.86 1.09 0.00	23.97 1.12 0.00	22.79 0.94 0.00	22.35 0.94 0.00	21.74 0.96 0.00	24.31 1.20 0.00	26.37 1.23 0.00	28.94 1.38 0.00	30.90 1.42 0.00	28.45 1.25 0.00	24.46 0.92 0.00	22.75 0.92 0.00	21.11 0.81 0.00
WM_FLOYD_69_KV_BK2 356380	20.19 1.02 0.00	19.58 0.86 0.00	18.60 0.85 0.00	17.84 0.75 0.00	18.62 0.80 0.00	20.33 1.10 0.00	27.24 1.53 -2.80	29.17 1.86 -0.70	28.55 1.81 -1.27	27.94 1.64 -2.13	25.13 1.49 0.00	25.34 1.57 0.00	24.47 1.62 0.00	23.25 1.40 0.00	23.72 1.41 -0.90	24.05 1.41 -1.85	24.68 1.57 0.00	26.90 1.76 0.00	29.08 1.52 0.00	31.22 1.74 0.00	28.64 1.44 0.00	25.56 1.55 -0.46	24.20 1.57 -0.79	22.28 1.42 -0.56
WOODARD__115KV_TB2 355635	19.06 -0.12 0.00	18.63 -0.09 0.00	17.68 -0.07 0.00	17.02 -0.07 0.00	17.79 -0.04 0.00	19.08 -0.15 0.00	22.65 -0.25 0.00	26.31 -0.29 0.00	25.09 -0.38 0.00	23.86 -0.31 0.00	23.36 -0.28 0.00	23.51 -0.26 0.00	22.53 -0.32 0.00	21.61 -0.24 0.00	21.15 -0.26 0.00	20.60 -0.19 0.00	22.94 -0.16 0.00	24.84 -0.30 0.00	27.23 -0.33 0.00	29.13 -0.35 0.00	26.93 -0.27 0.00	23.31 -0.24 0.00	21.64 -0.20 0.00	20.12 -0.18 0.00
YORK__WARBASSE 23770	19.65 0.48 0.00	19.08 0.36 0.00	18.02 0.27 0.00	17.32 0.24 0.00	18.00 0.18 0.00	19.65 0.42 0.00	23.55 0.64 0.00	27.50 0.90 0.00	26.46 0.99 0.00	25.02 0.85 0.00	24.49 0.85 0.00	24.69 0.93 0.00	23.83 0.98 0.00	22.66 0.81 0.00	22.20 0.79 0.00	21.62 0.83 0.00	24.24 1.13 0.00	26.30 1.16 0.00	28.91 1.35 0.00	30.72 1.24 0.00	28.34 1.14 0.00	24.35 0.80 0.00	22.78 0.94 0.00	21.17 0.87 0.00