

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										10/14/2023		
Generator Data																																		
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	EDT	19.25	17.20	17.14	16.20	16.22	17.19	19.81	21.97	21.99	21.25	21.19	21.15	21.03	21.23	21.06	21.27	21.67	27.25	31.39	28.81	25.04	21.25	19.88	17.08									
		0.95	0.83	0.82	0.76	0.74	0.86	0.98	1.28	1.32	1.28	1.35	1.42	1.32	1.30	1.34	1.34	1.36	1.49	1.78	1.73	1.51	1.35	1.30	1.06									
		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									
74TH STREET_GT_1 24260	EDT	19.25	17.22	17.15	16.25	16.28	17.21	19.81	21.95	22.01	21.25	21.19	21.15	21.03	21.25	21.06	21.27	21.67	27.25	31.39	28.81	25.03	21.25	19.88	17.10									
		0.95	0.85	0.83	0.80	0.80	0.88	0.98	1.26	1.34	1.28	1.35	1.42	1.32	1.32	1.34	1.34	1.36	1.49	1.78	1.73	1.51	1.35	1.30	1.07									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2 24261	EDT	19.25	17.22	17.15	16.25	16.28	17.21	19.81	21.95	22.01	21.25	21.19	21.15	21.03	21.25	21.06	21.27	21.67	27.25	31.39	28.81	25.03	21.25	19.88	17.10									
		0.95	0.85	0.83	0.80	0.80	0.88	0.98	1.26	1.34	1.28	1.35	1.42	1.32	1.32	1.34	1.34	1.36	1.49	1.78	1.73	1.51	1.35	1.30	1.07									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS 24011	EDT	18.92	16.97	16.89	15.97	16.00	16.88	19.58	21.66	21.64	20.85	20.71	20.60	20.54	20.81	20.57	20.81	21.26	26.92	31.12	28.43	24.61	20.81	19.38	16.65									
		0.62	0.61	0.57	0.53	0.53	0.56	0.75	0.97	0.97	0.88	0.87	0.87	0.83	0.88	0.85	0.88	0.95	1.16	1.51	1.35	1.08	0.92	0.80	0.63									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY 23798	EDT	18.95	17.01	16.93	15.98	16.02	16.92	19.64	21.73	21.70	20.93	20.75	20.68	20.60	20.85	20.61	20.87	21.30	26.97	31.21	28.51	24.68	20.85	19.44	16.68									
		0.66	0.64	0.60	0.54	0.54	0.59	0.81	1.03	1.03	0.96	0.91	0.95	0.89	0.92	0.89	0.94	0.99	1.21	1.60	1.43	1.15	0.96	0.86	0.66									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.92	16.97	16.89	15.97	16.00	16.88	19.58	21.66	21.64	20.85	20.71	20.60	20.54	20.81	20.57	20.81	21.26	26.92	31.12	28.43	24.61	20.81	19.38	16.65									
		0.62	0.61	0.57	0.53	0.53	0.56	0.75	0.97	0.97	0.88	0.87	0.87	0.83	0.88	0.85	0.88	0.95	1.16	1.51	1.35	1.08	0.92	0.80	0.63									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM 23527	EDT	19.10	17.11	17.06	16.05	16.06	17.03	19.60	21.79	21.74	20.83	20.67	20.58	20.62	20.87	20.73	20.97	21.42	27.15	31.27	28.48	24.78	20.95	19.51	16.81									
		0.80	0.74	0.74	0.60	0.59	0.70	0.77	1.10	1.07	0.86	0.83	0.85	0.91	0.94	1.01	1.04	1.12	1.39	1.66	1.41	1.25	1.05	0.93	0.79									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.46	16.58	16.55	15.65	15.69	16.54	19.09	21.10	21.06	20.25	20.11	20.01	20.03	20.25	20.08	20.29	20.69	26.17	30.17	27.56	23.95	20.26	18.97	16.33									
		0.16	0.21	0.23	0.20	0.22	0.21	0.26	0.41	0.39	0.28	0.28	0.28	0.32	0.32	0.35	0.36	0.39	0.41	0.56	0.49	0.42	0.36	0.39	0.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.11	16.16	16.14	15.27	15.27	16.12	18.58	20.44	20.54	19.83	19.70	19.57	19.57	19.78	19.56	19.78	20.10	25.45	29.34	26.75	23.27	19.68	18.40	15.87									
		-0.18	-0.21	-0.18	-0.17	-0.20	-0.21	-0.24	-0.25	-0.12	-0.14	-0.14	-0.16	-0.14	-0.16	-0.16	-0.16	-0.20	-0.31	-0.27	-0.32	-0.26	-0.22	-0.19	-0.16									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___1 23571	EDT	18.46	16.58	16.55	15.65	15.69	16.54	19.09	21.10	21.06	20.25	20.11	20.01	20.03	20.25	20.08	20.29	20.69	26.17	30.17	27.56	23.95	20.26	18.97	16.33									
		0.16	0.21	0.23	0.20	0.22	0.21	0.26	0.41	0.39	0.28	0.28	0.28	0.32	0.32	0.35	0.36	0.39	0.41	0.56	0.49	0.42	0.36	0.39	0.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.46	16.58	16.55	15.65	15.69	16.54	19.09	21.10	21.06	20.25	20.11	20.01	20.03	20.25	20.08	20.29	20.69	26.17	30.17	27.56	23.95	20.26	18.97	16.33									
		0.16	0.21	0.23	0.20	0.22	0.21	0.26	0.41	0.39	0.28	0.28	0.28	0.32	0.32	0.35	0.36	0.39	0.41	0.56	0.49	0.42	0.36	0.39	0.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___3 23573	EDT	18.46	16.58	16.55	15.65	15.69	16.54	19.09	21.10	21.06	20.25	20.11	20.01	20.03	20.25	20.08	20.29	20.69	26.17	30.17	27.56	23.95	20.26	18.97	16.33									
		0.16	0.21	0.23	0.20	0.22	0.21	0.26	0.41	0.39	0.28	0.28	0.28	0.32	0.32	0.35	0.36	0.39	0.41	0.56	0.49	0.42	0.36	0.39	0.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___4 23574	18.46 0.16 0.00	16.58 0.21 0.00	16.55 0.23 0.00	15.65 0.20 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.09 0.26 0.00	21.10 0.41 0.00	21.06 0.39 0.00	20.25 0.28 0.00	20.11 0.28 0.00	20.01 0.28 0.00	20.03 0.32 0.00	20.25 0.32 0.00	20.08 0.35 0.00	20.29 0.36 0.00	20.69 0.39 0.00	26.17 0.41 0.00	30.17 0.56 0.00	27.56 0.49 0.00	23.95 0.42 0.00	20.26 0.36 0.00	18.97 0.39 0.00	16.33 0.30 0.00
ALBANY___LFGE 323615	18.61 0.31 0.00	16.71 0.34 0.00	16.68 0.36 0.00	15.75 0.31 0.00	15.78 0.31 0.00	16.67 0.34 0.00	19.24 0.41 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.27 0.44 0.00	20.19 0.45 0.00	20.18 0.47 0.00	20.43 0.50 0.00	20.23 0.51 0.00	20.47 0.54 0.00	20.86 0.55 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.14 0.61 0.00	20.44 0.54 0.00	19.12 0.54 0.00	16.46 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	18.20 -0.09 0.00	16.24 -0.13 0.00	16.21 -0.11 0.00	15.35 -0.09 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.53 -0.17 0.00	20.65 -0.02 0.00	19.93 -0.04 0.00	19.82 -0.02 0.00	19.65 -0.08 0.00	19.67 -0.04 0.00	19.87 -0.06 0.00	19.66 -0.06 0.00	19.85 -0.08 0.00	20.19 -0.12 0.00	25.55 -0.21 0.00	29.46 -0.15 0.00	26.86 -0.22 0.00	23.36 -0.16 0.00	19.76 -0.14 0.00	18.47 -0.11 0.00	15.95 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	18.20 -0.09 0.00	16.24 -0.13 0.00	16.21 -0.11 0.00	15.35 -0.09 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.53 -0.17 0.00	20.65 -0.02 0.00	19.93 -0.04 0.00	19.82 -0.02 0.00	19.65 -0.08 0.00	19.67 -0.04 0.00	19.87 -0.06 0.00	19.66 -0.06 0.00	19.85 -0.08 0.00	20.19 -0.12 0.00	25.55 -0.21 0.00	29.46 -0.15 0.00	26.86 -0.22 0.00	23.36 -0.16 0.00	19.76 -0.14 0.00	18.47 -0.11 0.00	15.95 -0.08 0.00
ALCOA___DSASP 323711	18.20 -0.09 0.00	16.24 -0.13 0.00	16.21 -0.11 0.00	15.35 -0.09 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.52 -0.17 0.00	20.65 -0.02 0.00	19.93 -0.04 0.00	19.82 -0.02 0.00	19.65 -0.08 0.00	19.67 -0.04 0.00	19.87 -0.06 0.00	19.66 -0.06 0.00	19.86 -0.08 0.00	20.19 -0.12 0.00	25.55 -0.21 0.00	29.46 -0.15 0.00	26.86 -0.22 0.00	23.37 -0.16 0.00	19.76 -0.14 0.00	18.47 -0.11 0.00	15.96 -0.06 0.00
ALLEGHENY___COGEN 23514	18.79 0.49 0.00	16.79 0.42 0.00	16.65 0.33 0.00	15.86 0.42 0.00	15.96 0.48 0.00	16.70 0.38 0.00	19.36 0.53 0.00	21.02 0.33 0.00	20.75 0.08 0.00	20.09 0.12 0.00	19.82 -0.02 0.00	19.61 -0.12 0.00	19.63 -0.08 0.00	19.87 -0.06 0.00	19.58 -0.14 0.00	19.84 -0.10 0.00	20.33 0.02 0.00	26.45 0.70 0.00	30.17 0.56 0.00	27.72 0.65 0.00	23.93 0.40 0.00	20.18 0.28 0.00	18.79 0.20 0.00	16.15 0.13 0.00
ALTAMONT_115KV_TB 2 55880	18.72 0.42 0.00	16.78 0.41 0.00	16.75 0.42 0.00	15.83 0.39 0.00	15.86 0.39 0.00	16.74 0.41 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.51 0.54 0.00	20.37 0.54 0.00	20.28 0.55 0.00	20.26 0.55 0.00	20.49 0.56 0.00	20.31 0.59 0.00	20.53 0.60 0.00	20.94 0.63 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.91 0.84 0.00	24.26 0.73 0.00	20.52 0.62 0.00	19.18 0.59 0.00	16.51 0.48 0.00
ALTONA_WT_PWR 323606	18.48 0.18 0.00	16.45 0.08 0.00	16.48 0.16 0.00	15.63 0.19 0.00	15.61 0.14 0.00	16.48 0.15 0.00	19.02 0.19 0.00	20.96 0.27 0.00	21.18 0.52 0.00	20.47 0.50 0.00	20.33 0.50 0.00	20.16 0.43 0.00	20.18 0.47 0.00	20.35 0.42 0.00	20.14 0.41 0.00	20.33 0.40 0.00	20.67 0.37 0.00	26.19 0.44 0.00	30.17 0.56 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.12 0.22 0.00	18.81 0.22 0.00	16.27 0.24 0.00
AMERICAN_REF_FUEL 24010	17.54 -0.75 0.00	15.80 -0.57 0.00	15.73 -0.59 0.00	15.04 -0.40 0.00	15.09 -0.39 0.00	15.66 -0.67 0.00	18.15 -0.68 0.00	19.35 -1.34 0.00	18.91 -1.76 0.00	18.56 -1.42 0.00	18.35 -1.49 0.00	18.25 -1.48 0.00	18.29 -1.42 0.00	18.52 -1.41 0.00	18.22 -1.50 0.00	18.38 -1.55 0.00	18.78 -1.52 0.00	24.50 -1.26 0.00	27.18 -2.43 0.00	24.96 -2.11 0.00	21.81 -1.72 0.00	18.41 -1.49 0.00	17.25 -1.34 0.00	14.94 -1.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.31 0.02 0.00	16.48 0.12 0.00	16.29 -0.03 0.00	15.55 0.11 0.00	15.57 0.09 0.00	16.12 -0.21 0.00	18.75 -0.08 0.00	20.13 -0.56 0.00	19.68 -0.99 0.00	19.27 -0.70 0.00	19.10 -0.73 0.00	19.00 -0.73 0.00	19.04 -0.67 0.00	19.26 -0.68 0.00	18.91 -0.81 0.00	19.08 -0.86 0.00	19.47 -0.83 0.00	25.40 -0.36 0.00	28.37 -1.24 0.00	26.05 -1.03 0.00	22.75 -0.78 0.00	19.14 -0.76 0.00	17.90 -0.69 0.00	15.48 -0.54 0.00
ARTHUR_KILL_GT_1 23520	19.19 0.90 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.13 0.68 -0.01	16.14 0.66 0.00	17.03 0.70 0.00	19.53 0.70 0.00	21.59 0.91 0.01	21.67 1.01 0.01	20.94 0.98 0.01	20.94 1.11 0.01	20.93 1.20 0.01	20.79 1.08 0.01	21.00 1.08 0.01	20.84 1.12 0.01	21.00 1.08 0.01	21.42 1.12 0.01	26.99 1.24 0.00	31.11 1.51 0.01	28.54 1.46 0.00	24.72 1.20 0.01	21.05 1.15 0.00	19.75 1.17 0.00	17.04 1.01 0.00
ARTHUR_KILL_2 23512	19.16 0.86 0.00	17.04 0.67 0.00	17.04 0.72 0.00	16.12 0.66 -0.01	16.12 0.65 0.00	17.00 0.67 0.00	19.49 0.66 0.00	21.55 0.87 0.01	21.63 0.97 0.01	20.90 0.94 0.01	20.90 1.07 0.01	20.87 1.14 0.01	20.75 1.04 0.01	20.96 1.04 0.01	20.78 1.06 0.01	20.94 1.02 0.01	21.35 1.06 0.01	26.92 1.16 0.00	31.05 1.45 0.01	28.48 1.41 0.00	24.67 1.15 0.01	21.01 1.11 0.00	19.72 1.13 0.00	17.00 0.98 0.00
ARTHUR_KILL_3 23513	19.08 0.79 0.00	17.07 0.70 0.00	17.04 0.72 0.00	16.09 0.65 0.00	16.11 0.63 0.00	17.10 0.77 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.84 1.18 0.00	21.11 1.14 0.00	21.05 1.21 0.00	21.00 1.26 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.90 1.18 0.00	21.11 1.18 0.00	21.53 1.22 0.00	27.02 1.26 0.00	31.12 1.51 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.11 1.21 0.00	19.75 1.17 0.00	16.99 0.96 0.00
ARTHUR_KILL_COGEN 323718	19.19 0.90 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.13 0.68 -0.01	16.14 0.66 0.00	17.03 0.70 0.00	19.53 0.70 0.00	21.59 0.91 0.01	21.67 1.01 0.01	20.94 0.98 0.01	20.94 1.11 0.01	20.93 1.20 0.01	20.79 1.08 0.01	21.00 1.08 0.01	20.84 1.12 0.01	21.00 1.08 0.01	21.42 1.12 0.01	26.99 1.24 0.00	31.11 1.51 0.01	28.54 1.46 0.00	24.72 1.20 0.01	21.05 1.15 0.00	19.75 1.17 0.00	17.04 1.01 0.00
ASHOKAN____ 23654	18.90 0.60 0.00	16.93 0.56 0.00	16.83 0.51 0.00	15.92 0.48 0.00	15.92 0.45 0.00	16.87 0.54 0.00	19.43 0.60 0.00	21.46 0.77 0.00	21.35 0.68 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.24 0.53 0.00	20.47 0.54 0.00	20.29 0.57 0.00	20.57 0.64 0.00	21.00 0.69 0.00	26.74 0.98 0.00	30.88 1.27 0.00	28.21 1.14 0.00	24.42 0.89 0.00	20.72 0.82 0.00	19.35 0.76 0.00	16.70 0.67 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.12 0.82 0.00	17.04 0.67 0.00	17.07 0.75 0.00	16.13 0.68 -0.01	16.14 0.66 0.00	17.03 0.70 0.00	19.54 0.72 0.01	21.66 0.97 0.01	21.73 1.07 0.01	21.00 1.04 0.01	20.96 1.13 0.01	20.93 1.20 0.01	20.81 1.10 0.01	21.02 1.10 0.01	20.84 1.12 0.01	21.00 1.08 0.01	21.42 1.12 0.01	26.86 1.11 0.01	30.97 1.36 0.01	28.39 1.33 0.01	24.65 1.13 0.01	20.96 1.07 0.01	19.63 1.06 0.01	16.99 0.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.12 0.82 0.00	17.04 0.67 0.00	17.07 0.75 0.00	16.13 0.68 -0.01	16.14 0.66 0.00	17.03 0.70 0.00	19.54 0.72 0.01	21.66 0.97 0.01	21.73 1.07 0.01	21.00 1.04 0.01	20.96 1.13 0.01	20.93 1.20 0.01	20.81 1.10 0.01	21.02 1.10 0.01	20.84 1.12 0.01	21.00 1.08 0.01	21.42 1.12 0.01	26.86 1.11 0.01	30.97 1.36 0.01	28.39 1.33 0.01	24.65 1.13 0.01	20.96 1.07 0.01	19.63 1.06 0.01	16.99 0.96 0.00
ASTORIA_GT2_1 24094	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT2_2 24095	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT2_3 24096	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT2_4 24097	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT3_1 24098	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT3_2 24099	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT3_3 24100	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT3_4 24101	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT4_1 24102	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT4_2 24103	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT4_3 24104	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT4_4 24105	19.14 0.84 0.00	17.07 0.70 0.00	17.07 0.75 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.05 0.72 0.00	19.54 0.72 0.00	21.66 0.97 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.99 1.15 0.00	20.95 1.22 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.03 1.10 0.00	21.42 1.12 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.43 1.35 0.00	24.66 1.13 0.00	20.97 1.07 0.00	19.66 1.08 0.00	17.00 0.98 0.00
ASTORIA_GT_1 23523	19.16 0.86 0.00	17.06 0.69 0.00	17.11 0.78 0.00	16.16 0.71 -0.01	16.17 0.70 0.00	17.06 0.74 0.00	19.56 0.73 0.01	21.70 1.01 0.01	21.77 1.12 0.01	21.04 1.08 0.01	21.02 1.19 0.01	20.97 1.24 0.01	20.87 1.16 0.01	21.06 1.14 0.01	20.88 1.16 0.01	21.04 1.12 0.01	21.46 1.16 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00

ASTORIA_GT_10 24110	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.79 1.21 0.00	17.08 1.06 0.00
ASTORIA_GT_11 24225	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.79 1.21 0.00	17.08 1.06 0.00
ASTORIA_GT_12 24226	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.79 1.21 0.00	17.08 1.06 0.00
ASTORIA_GT_13 24227	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.79 1.21 0.00	17.08 1.06 0.00
ASTORIA_GT_5 24106	19.16 0.86 0.00	17.06 0.69 0.00	17.11 0.78 0.00	16.16 0.71 -0.01	16.17 0.70 0.00	17.06 0.74 0.00	19.56 0.73 0.01	21.70 1.01 0.01	21.77 1.12 0.01	21.04 1.08 0.01	21.02 1.19 0.01	20.97 1.24 0.01	20.87 1.16 0.01	21.06 1.14 0.01	20.88 1.16 0.01	21.04 1.12 0.01	21.46 1.16 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
ASTORIA_GT_7 24107	19.16 0.86 0.00	17.06 0.69 0.00	17.11 0.78 0.00	16.16 0.71 -0.01	16.17 0.70 0.00	17.06 0.74 0.00	19.56 0.73 0.01	21.70 1.01 0.01	21.77 1.12 0.01	21.04 1.08 0.01	21.02 1.19 0.01	20.97 1.24 0.01	20.87 1.16 0.01	21.06 1.14 0.01	20.88 1.16 0.01	21.04 1.12 0.01	21.46 1.16 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
ASTORIA_GT_8 24108	19.16 0.86 0.00	17.09 0.72 0.00	17.11 0.78 0.00	16.26 0.82 0.00	16.26 0.79 0.00	17.06 0.73 0.00	19.56 0.73 0.00	21.68 0.99 0.00	21.78 1.12 0.00	21.05 1.08 0.00	21.01 1.17 0.00	20.97 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.05 1.12 0.00	21.47 1.16 0.00	26.92 1.16 0.00	31.03 1.42 0.00	28.46 1.38 0.00	24.71 1.18 0.00	20.99 1.09 0.00	19.68 1.10 0.00	17.04 1.01 0.00
ASTORIA___2 24149	19.14 0.84 0.00	17.04 0.67 0.00	17.07 0.75 0.00	16.15 0.70 -0.01	16.14 0.66 0.00	17.05 0.72 0.00	19.54 0.72 0.01	21.66 0.97 0.01	21.73 1.07 0.01	21.02 1.06 0.01	20.98 1.15 0.01	20.95 1.22 0.01	20.83 1.12 0.01	21.02 1.10 0.01	20.86 1.14 0.01	21.02 1.10 0.01	21.42 1.12 0.01	26.88 1.13 0.01	30.99 1.39 0.01	28.42 1.35 0.01	24.65 1.13 0.01	20.96 1.07 0.01	19.65 1.08 0.01	17.00 0.98 0.00
ASTORIA___3 23516	19.21 0.91 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.09 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.15 1.25 0.00	19.79 1.21 0.00	17.07 1.04 0.00
ASTORIA___4 23517	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.79 1.21 0.00	17.08 1.06 0.00
ASTORIA___5 23518	19.21 0.91 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.09 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.15 1.25 0.00	19.79 1.21 0.00	17.07 1.04 0.00
AST_ENERGY_2_CC3 323677	15.54 0.84 3.60	15.54 0.74 1.57	17.09 0.77 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.13 0.80 0.00	19.71 0.89 0.00	21.85 1.16 0.00	21.89 1.22 0.00	21.15 1.18 0.00	21.07 1.23 0.00	21.03 1.30 0.00	20.91 1.20 0.00	21.13 1.20 0.00	20.94 1.22 0.00	21.15 1.22 0.00	21.57 1.26 0.00	17.12 1.31 9.95	19.40 1.57 11.77	17.85 1.54 10.76	17.12 1.36 7.77	17.12 1.23 4.01	17.12 1.19 2.65	15.92 0.98 1.08
AST_ENERGY_2_CC4 323678	15.54 0.84 3.60	15.54 0.74 1.57	17.09 0.77 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.13 0.80 0.00	19.71 0.89 0.00	21.85 1.16 0.00	21.89 1.22 0.00	21.15 1.18 0.00	21.07 1.23 0.00	21.03 1.30 0.00	20.91 1.20 0.00	21.13 1.20 0.00	20.94 1.22 0.00	21.15 1.22 0.00	21.57 1.26 0.00	17.12 1.31 9.95	19.40 1.57 11.77	17.85 1.54 10.76	17.12 1.36 7.77	17.12 1.23 4.01	17.12 1.19 2.65	15.92 0.98 1.08
ATHENS_STG_1 23668	18.86 0.57 0.00	16.89 0.52 0.00	16.84 0.52 0.00	15.92 0.48 0.00	15.94 0.46 0.00	16.85 0.52 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.69 0.72 0.00	20.57 0.73 0.00	20.48 0.75 0.00	20.44 0.73 0.00	20.67 0.74 0.00	20.49 0.77 0.00	20.71 0.78 0.00	21.12 0.81 0.00	26.68 0.93 0.00	30.74 1.12 0.00	28.10 1.03 0.00	24.45 0.92 0.00	20.70 0.80 0.00	19.33 0.74 0.00	16.65 0.62 0.00
ATHENS_STG_2 23670	18.86 0.57 0.00	16.89 0.52 0.00	16.84 0.52 0.00	15.92 0.48 0.00	15.94 0.46 0.00	16.85 0.52 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.69 0.72 0.00	20.57 0.73 0.00	20.48 0.75 0.00	20.44 0.73 0.00	20.67 0.74 0.00	20.49 0.77 0.00	20.71 0.78 0.00	21.12 0.81 0.00	26.68 0.93 0.00	30.74 1.12 0.00	28.10 1.03 0.00	24.45 0.92 0.00	20.70 0.80 0.00	19.33 0.74 0.00	16.65 0.62 0.00

ATHENS_STG_3 23677	18.86 0.57 0.00	16.89 0.52 0.00	16.84 0.52 0.00	15.92 0.48 0.00	15.94 0.46 0.00	16.85 0.52 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.69 0.72 0.00	20.57 0.73 0.00	20.48 0.75 0.00	20.44 0.73 0.00	20.67 0.74 0.00	20.49 0.77 0.00	20.71 0.78 0.00	21.12 0.81 0.00	26.68 0.93 0.00	30.74 1.12 0.00	28.10 1.03 0.00	24.45 0.92 0.00	20.70 0.80 0.00	19.33 0.74 0.00	16.65 0.62 0.00
AUBURN____LFGE 323710	18.50 0.20 0.00	16.55 0.18 0.00	16.47 0.15 0.00	15.58 0.14 0.00	15.65 0.17 0.00	16.51 0.18 0.00	19.09 0.26 0.00	20.88 0.19 0.00	20.79 0.12 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.89 0.16 0.00	19.89 0.18 0.00	20.11 0.18 0.00	19.84 0.12 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.14 0.39 0.00	29.94 0.33 0.00	27.45 0.38 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.71 0.13 0.00	16.12 0.10 0.00
BABYLON_RES_REC 323704	20.02 1.37 -0.35	17.62 1.24 -0.01	17.45 1.13 0.00	16.56 1.11 0.00	16.56 1.08 0.00	17.59 1.26 -0.01	20.52 1.49 -0.21	28.00 1.80 -5.51	27.10 1.90 -4.54	27.83 1.80 -6.06	32.12 1.76 -10.52	25.04 1.81 -3.49	25.29 1.73 -3.84	25.22 1.73 -3.55	25.37 1.78 -3.88	25.05 1.79 -3.32	27.19 1.87 -5.01	28.81 1.73 -1.32	40.25 1.92 -8.71	31.07 1.81 -2.18	26.32 2.14 -0.65	26.33 1.83 -4.60	21.63 1.82 -1.22	18.44 1.52 -0.89
BABYLON__69_KV_BK2 356345	20.90 1.61 -0.99	17.86 1.47 -0.02	17.68 1.35 0.00	16.79 1.34 0.00	16.85 1.36 -0.01	17.82 1.47 -0.02	21.13 1.71 -0.59	38.57 2.13 -15.75	35.81 2.21 -12.93	39.34 2.10 -17.27	50.24 2.04 -28.36	24.95 2.11 -3.10	26.52 2.03 -4.78	26.62 2.03 -4.66	26.76 2.07 -4.97	26.69 2.09 -4.66	30.73 2.17 -8.25	31.65 2.11 -3.78	56.73 2.25 -24.87	35.47 2.17 -6.22	27.65 2.49 -1.63	26.42 2.13 -4.39	23.28 2.08 -2.61	20.29 1.75 -2.51
BALL_HILL_WT_PWR 323825	18.20 -0.09 0.00	16.38 0.02 0.00	16.22 -0.10 0.00	15.49 0.05 0.00	15.54 0.06 0.00	16.13 -0.20 0.00	18.77 -0.06 0.00	20.15 -0.54 0.00	19.72 -0.95 0.00	19.31 -0.66 0.00	19.12 -0.71 0.00	19.02 -0.71 0.00	19.06 -0.65 0.00	19.28 -0.66 0.00	18.97 -0.75 0.00	19.14 -0.80 0.00	19.54 -0.77 0.00	25.47 -0.28 0.00	28.43 -1.19 0.00	26.13 -0.95 0.00	22.80 -0.73 0.00	19.18 -0.72 0.00	17.95 -0.63 0.00	15.51 -0.51 0.00
BARON_WINDS____WT_PWR 323822	18.39 0.09 0.00	16.50 0.13 0.00	16.39 0.07 0.00	15.58 0.14 0.00	15.65 0.17 0.00	16.36 0.03 0.00	19.00 0.17 0.00	20.59 -0.10 0.00	20.32 -0.35 0.00	19.79 -0.18 0.00	19.60 -0.24 0.00	19.47 -0.26 0.00	19.48 -0.24 0.00	19.72 -0.22 0.00	19.43 -0.30 0.00	19.61 -0.32 0.00	20.00 -0.30 0.00	25.83 0.08 0.00	29.22 -0.39 0.00	26.83 -0.24 0.00	23.37 -0.16 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.82 -0.21 0.00
BARRETT_IC_1 23704	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_10 23701	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_11 23702	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_12 23703	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_2 23705	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_3 23706	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_4 23707	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_5 23708	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_6 23709	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01

BARRETT_IC_7 23710	19.43 1.13 0.00	17.40 1.03 0.00	17.25 0.93 0.00	16.37 0.93 0.00	16.40 0.93 0.00	17.37 1.05 0.00	20.05 1.22 0.00	22.26 1.57 0.00	22.30 1.63 0.00	21.53 1.56 0.00	22.23 1.49 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.46 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.10 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.69 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 0.00
BARRETT_IC_8 23711	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT_IC_9 23700	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT___1 23545	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BARRETT___2 23546	19.43 1.13 0.00	17.38 1.02 0.00	17.25 0.93 0.00	16.34 0.90 0.00	16.36 0.88 0.00	17.37 1.05 0.00	20.07 1.24 0.00	22.20 1.51 0.00	22.29 1.61 -0.01	21.52 1.54 -0.01	22.27 1.53 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.54 1.46 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.58 1.52 -0.47	17.33 1.30 -0.01
BATAVIA___115KV_TB1 55881	18.15 -0.15 0.00	16.24 -0.13 0.00	16.16 -0.16 0.00	15.34 -0.11 0.00	15.37 -0.11 0.00	16.13 -0.20 0.00	18.70 -0.13 0.00	20.07 -0.62 0.00	19.74 -0.93 0.00	19.31 -0.66 0.00	19.10 -0.73 0.00	19.02 -0.71 0.00	19.04 -0.67 0.00	19.24 -0.70 0.00	18.93 -0.79 0.00	19.14 -0.80 0.00	19.56 -0.75 0.00	25.45 -0.31 0.00	28.54 -1.07 0.00	26.21 -0.87 0.00	22.75 -0.78 0.00	19.20 -0.70 0.00	17.95 -0.63 0.00	15.53 -0.50 0.00
BAYONEEC___CTG1 323682	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG10 323750	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG2 323683	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG3 323684	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG4 323685	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG5 323686	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG6 323687	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG7 323688	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BAYONEEC___CTG8 323689	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00

BAYONEEC___CTG9 323749	19.16 0.86 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
BEACON___LESR 323632	18.72 0.42 0.00	16.81 0.44 0.00	16.76 0.44 0.00	15.83 0.39 0.00	15.86 0.39 0.00	16.75 0.42 0.00	19.38 0.55 0.00	21.43 0.74 0.00	21.37 0.70 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.30 0.57 0.00	20.30 0.59 0.00	20.55 0.62 0.00	20.35 0.63 0.00	20.57 0.64 0.00	21.00 0.69 0.00	26.56 0.80 0.00	30.65 1.04 0.00	28.00 0.92 0.00	24.30 0.78 0.00	20.58 0.68 0.00	19.23 0.65 0.00	16.54 0.51 0.00
BEAVER RIVER___HYD 24048	18.11 -0.18 0.00	16.17 -0.20 0.00	16.09 -0.23 0.00	15.24 -0.20 0.00	15.29 -0.19 0.00	16.15 -0.18 0.00	18.68 -0.15 0.00	20.44 -0.25 0.00	20.46 -0.21 0.00	19.75 -0.22 0.00	19.58 -0.26 0.00	19.41 -0.32 0.00	19.36 -0.35 0.00	19.60 -0.34 0.00	19.35 -0.38 0.00	19.60 -0.34 0.00	19.98 -0.33 0.00	25.42 -0.34 0.00	29.31 -0.30 0.00	26.80 -0.27 0.00	23.29 -0.24 0.00	19.68 -0.22 0.00	18.40 -0.19 0.00	15.87 -0.16 0.00
BEEBEE_GT_13 23619	18.19 -0.11 0.00	16.27 -0.10 0.00	16.17 -0.15 0.00	15.34 -0.11 0.00	15.37 -0.11 0.00	16.25 -0.08 0.00	18.77 -0.06 0.00	20.38 -0.31 0.00	20.19 -0.48 0.00	19.67 -0.30 0.00	19.52 -0.32 0.00	19.42 -0.32 0.00	19.43 -0.28 0.00	19.64 -0.30 0.00	19.37 -0.35 0.00	19.58 -0.36 0.00	19.96 -0.35 0.00	25.70 -0.05 0.00	29.17 -0.44 0.00	26.72 -0.35 0.00	23.18 -0.35 0.00	19.58 -0.32 0.00	18.27 -0.32 0.00	15.77 -0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.30 1.01 0.00	17.20 0.83 0.00	17.17 0.85 0.00	16.29 0.85 0.00	16.31 0.84 0.00	17.16 0.83 0.00	19.70 0.87 0.00	21.83 1.14 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.03 1.32 0.00	21.23 1.30 0.00	21.06 1.34 0.00	21.21 1.28 0.00	21.63 1.32 0.00	27.28 1.52 0.00	31.45 1.84 0.00	28.84 1.76 0.00	24.99 1.46 0.00	21.23 1.33 0.00	19.90 1.32 0.00	17.15 1.12 0.00
BETHLEHEM___GRP 23843	18.46 0.16 0.00	16.58 0.21 0.00	16.55 0.23 0.00	15.65 0.20 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.09 0.26 0.00	21.10 0.41 0.00	21.06 0.39 0.00	20.25 0.28 0.00	20.11 0.28 0.00	20.01 0.28 0.00	20.03 0.32 0.00	20.25 0.32 0.00	20.08 0.35 0.00	20.29 0.36 0.00	20.69 0.39 0.00	26.17 0.41 0.00	30.17 0.56 0.00	27.56 0.49 0.00	23.95 0.42 0.00	20.26 0.36 0.00	18.97 0.39 0.00	16.33 0.30 0.00
BETHLEHEM___GS1 323560	18.46 0.16 0.00	16.58 0.21 0.00	16.55 0.23 0.00	15.63 0.19 0.00	15.66 0.19 0.00	16.54 0.21 0.00	19.09 0.26 0.00	21.13 0.44 0.00	21.06 0.39 0.00	20.25 0.28 0.00	20.11 0.28 0.00	20.01 0.28 0.00	20.03 0.31 0.00	20.25 0.32 0.00	20.08 0.36 0.00	20.29 0.36 0.00	20.69 0.38 0.00	26.17 0.41 0.00	30.17 0.56 0.00	27.56 0.49 0.00	23.95 0.42 0.00	20.26 0.36 0.00	18.97 0.39 0.00	16.33 0.30 0.00
BETHLEHEM___GS2 323561	18.46 0.16 0.00	16.58 0.21 0.00	16.55 0.23 0.00	15.63 0.19 0.00	15.66 0.19 0.00	16.54 0.21 0.00	19.09 0.26 0.00	21.13 0.44 0.00	21.06 0.39 0.00	20.25 0.28 0.00	20.11 0.28 0.00	20.01 0.28 0.00	20.03 0.31 0.00	20.25 0.32 0.00	20.08 0.36 0.00	20.29 0.36 0.00	20.69 0.38 0.00	26.17 0.41 0.00	30.17 0.56 0.00	27.56 0.49 0.00	23.95 0.42 0.00	20.26 0.36 0.00	18.97 0.39 0.00	16.33 0.30 0.00
BETHLEHEM___GS3 323562	18.46 0.16 0.00	16.58 0.21 0.00	16.55 0.23 0.00	15.63 0.19 0.00	15.66 0.19 0.00	16.54 0.21 0.00	19.09 0.26 0.00	21.13 0.44 0.00	21.06 0.39 0.00	20.25 0.28 0.00	20.11 0.28 0.00	20.01 0.28 0.00	20.03 0.31 0.00	20.25 0.32 0.00	20.08 0.36 0.00	20.29 0.36 0.00	20.69 0.38 0.00	26.17 0.41 0.00	30.17 0.56 0.00	27.56 0.49 0.00	23.95 0.42 0.00	20.26 0.36 0.00	18.97 0.39 0.00	16.33 0.30 0.00
BETHLEHEM___STEEL 23779	18.17 -0.13 0.00	16.30 -0.07 0.00	16.17 -0.15 0.00	15.37 -0.08 0.00	15.37 -0.11 0.00	16.10 -0.23 0.00	18.74 -0.09 0.00	20.07 -0.62 0.00	19.63 -1.03 0.00	19.23 -0.74 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	18.98 -0.73 0.00	19.22 -0.72 0.00	18.91 -0.81 0.00	19.08 -0.86 0.00	19.50 -0.81 0.00	25.42 -0.33 0.00	28.31 -1.30 0.00	25.99 -1.08 0.00	22.71 -0.82 0.00	19.12 -0.78 0.00	17.90 -0.69 0.00	15.51 -0.51 0.00
BETHLHEM_115KV_TB1 79974	18.52 0.22 0.00	16.63 0.26 0.00	16.60 0.28 0.00	15.69 0.25 0.00	15.72 0.25 0.00	16.59 0.26 0.00	19.15 0.32 0.00	21.17 0.48 0.00	21.10 0.43 0.00	20.31 0.34 0.00	20.17 0.34 0.00	20.07 0.34 0.00	20.09 0.37 0.00	20.31 0.38 0.00	20.14 0.41 0.00	20.35 0.42 0.00	20.73 0.43 0.00	26.25 0.49 0.00	30.23 0.62 0.00	27.64 0.57 0.00	24.02 0.49 0.00	20.32 0.42 0.00	19.01 0.43 0.00	16.38 0.35 0.00
BETHPAGE_CC_5 323564	19.74 1.30 -0.15	17.53 1.16 0.00	17.38 1.06 0.00	16.48 1.03 0.00	16.50 1.02 0.00	17.51 1.18 0.00	20.33 1.41 -0.09	24.78 1.70 -2.39	24.42 1.78 -1.97	24.28 1.68 -2.63	26.58 1.67 -5.08	23.89 1.72 -2.44	24.90 1.64 -3.55	24.78 1.63 -3.21	24.94 1.68 -3.54	24.53 1.67 -2.92	26.08 1.75 -4.03	27.95 1.62 -0.57	35.20 1.81 -3.78	29.73 1.71 -0.94	25.86 1.98 -0.36	25.64 1.71 -4.03	21.11 1.73 -0.80	17.87 1.46 -0.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.22 -0.07 0.00	16.35 -0.02 0.00	16.22 -0.10 0.00	15.41 -0.03 0.00	15.41 -0.06 0.00	16.15 -0.18 0.00	18.81 -0.02 0.00	20.15 -0.54 0.00	19.72 -0.95 0.00	19.31 -0.66 0.00	19.14 -0.69 0.00	19.02 -0.71 0.00	19.06 -0.65 0.00	19.30 -0.64 0.00	18.97 -0.75 0.00	19.16 -0.78 0.00	19.56 -0.75 0.00	25.50 -0.26 0.00	28.43 -1.18 0.00	26.13 -0.95 0.00	22.82 -0.71 0.00	19.20 -0.70 0.00	17.97 -0.61 0.00	15.56 -0.46 0.00
BINGHAMTON___COGEN 23790	18.52 0.22 0.00	16.58 0.21 0.00	16.50 0.18 0.00	15.63 0.19 0.00	15.68 0.20 0.00	16.51 0.18 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.77 0.10 0.00	20.15 0.18 0.00	20.00 0.16 0.00	19.87 0.14 0.00	19.87 0.16 0.00	20.09 0.16 0.00	19.84 0.12 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.88 0.27 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.73 0.15 0.00	16.16 0.13 0.00
BIXINCNT_115KV_LOAD 355685	18.37 0.07 0.00	16.52 0.15 0.00	16.37 0.05 0.00	15.52 0.08 0.00	15.52 0.05 0.00	16.30 -0.03 0.00	18.98 0.15 0.00	20.40 -0.29 0.00	19.90 -0.76 0.00	19.49 -0.48 0.00	19.28 -0.56 0.00	19.16 -0.57 0.00	19.20 -0.51 0.00	19.42 -0.52 0.00	19.07 -0.65 0.00	19.22 -0.72 0.00	19.62 -0.69 0.00	25.65 -0.10 0.00	28.72 -0.89 0.00	26.40 -0.68 0.00	23.08 -0.45 0.00	19.36 -0.54 0.00	18.08 -0.50 0.00	15.66 -0.37 0.00

BLACK RIVER___HYD 24047	18.10 -0.20 0.00	16.16 -0.21 0.00	16.06 -0.26 0.00	15.23 -0.22 0.00	15.29 -0.19 0.00	16.15 -0.18 0.00	18.70 -0.13 0.00	20.40 -0.29 0.00	20.40 -0.27 0.00	19.69 -0.28 0.00	19.50 -0.34 0.00	19.34 -0.39 0.00	19.26 -0.45 0.00	19.50 -0.44 0.00	19.25 -0.47 0.00	19.50 -0.44 0.00	19.92 -0.39 0.00	25.42 -0.34 0.00	29.34 -0.27 0.00	26.86 -0.22 0.00	23.32 -0.21 0.00	19.72 -0.18 0.00	18.40 -0.19 0.00	15.85 -0.18 0.00
BLACKRVR_115KV_TB2 79977	18.09 -0.20 0.00	16.16 -0.21 0.00	16.06 -0.26 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.15 -0.18 0.00	18.70 -0.13 0.00	20.40 -0.29 0.00	20.40 -0.27 0.00	19.69 -0.28 0.00	19.50 -0.34 0.00	19.34 -0.39 0.00	19.26 -0.45 0.00	19.50 -0.44 0.00	19.25 -0.47 0.00	19.50 -0.44 0.00	19.92 -0.39 0.00	25.42 -0.33 0.00	29.34 -0.27 0.00	26.86 -0.22 0.00	23.32 -0.21 0.00	19.72 -0.18 0.00	18.40 -0.19 0.00	15.85 -0.18 0.00
BLISS_WT_PWR 323608	18.37 0.07 0.00	16.53 0.16 0.00	16.37 0.05 0.00	15.60 0.15 0.00	15.65 0.17 0.00	16.28 -0.05 0.00	18.96 0.13 0.00	20.40 -0.29 0.00	19.90 -0.76 0.00	19.47 -0.50 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.18 -0.53 0.00	19.40 -0.54 0.00	19.03 -0.69 0.00	19.18 -0.76 0.00	19.58 -0.73 0.00	25.63 -0.13 0.00	28.69 -0.92 0.00	26.37 -0.70 0.00	23.08 -0.45 0.00	19.34 -0.56 0.00	18.06 -0.52 0.00	15.61 -0.42 0.00
BLUESTONE___WT_PWR 323821	19.21 0.91 0.00	17.19 0.82 0.00	17.07 0.75 0.00	16.20 0.76 0.00	16.26 0.79 0.00	17.13 0.80 0.00	19.88 1.05 0.00	21.70 1.01 0.00	21.64 0.97 0.00	20.97 1.00 0.00	20.81 0.97 0.00	20.66 0.93 0.00	20.58 0.87 0.00	20.87 0.94 0.00	20.57 0.85 0.00	20.79 0.86 0.00	21.24 0.93 0.00	27.15 1.39 0.00	31.18 1.57 0.00	28.59 1.52 0.00	24.82 1.29 0.00	20.95 1.05 0.00	19.51 0.93 0.00	16.78 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	18.74 0.44 0.00	16.81 0.44 0.00	16.78 0.46 0.00	15.86 0.42 0.00	15.89 0.42 0.00	16.75 0.42 0.00	19.34 0.51 0.00	21.37 0.68 0.00	21.31 0.64 0.00	20.51 0.54 0.00	20.37 0.54 0.00	20.26 0.53 0.00	20.26 0.55 0.00	20.51 0.58 0.00	20.31 0.59 0.00	20.53 0.60 0.00	20.94 0.63 0.00	26.50 0.75 0.00	30.56 0.95 0.00	27.91 0.84 0.00	24.23 0.71 0.00	20.52 0.62 0.00	19.18 0.59 0.00	16.52 0.50 0.00
BOC_GAS_DRP 24189	18.68 0.38 0.00	16.74 0.38 0.00	16.71 0.39 0.00	15.80 0.36 0.00	15.83 0.36 0.00	16.70 0.38 0.00	19.26 0.43 0.00	21.29 0.60 0.00	21.25 0.58 0.00	20.47 0.50 0.00	20.33 0.50 0.00	20.24 0.51 0.00	20.22 0.51 0.00	20.45 0.52 0.00	20.27 0.55 0.00	20.49 0.56 0.00	20.90 0.59 0.00	26.43 0.67 0.00	30.44 0.83 0.00	27.83 0.76 0.00	24.19 0.66 0.00	20.48 0.58 0.00	19.14 0.56 0.00	16.49 0.46 0.00
BOONVILLE_115KV_TB1 79983	18.48 0.18 0.00	16.52 0.15 0.00	16.45 0.13 0.00	15.58 0.14 0.00	15.63 0.15 0.00	16.49 0.16 0.00	19.07 0.24 0.00	20.88 0.19 0.00	20.87 0.21 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.87 0.14 0.00	19.81 0.10 0.00	20.05 0.12 0.00	19.82 0.10 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.01 0.26 0.00	29.94 0.33 0.00	27.40 0.32 0.00	23.79 0.26 0.00	20.12 0.22 0.00	18.79 0.20 0.00	16.17 0.14 0.00
BORALEX_4TH_BRANCH 23824	19.10 0.81 0.00	17.12 0.75 0.00	17.06 0.73 0.00	16.06 0.62 0.00	16.09 0.62 0.00	17.03 0.70 0.00	19.62 0.79 0.00	21.79 1.10 0.00	21.74 1.07 0.00	20.83 0.86 0.00	20.67 0.83 0.00	20.58 0.85 0.00	20.62 0.91 0.00	20.87 0.94 0.00	20.73 1.01 0.00	20.97 1.04 0.00	21.42 1.12 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.48 1.41 0.00	24.78 1.25 0.00	20.95 1.05 0.00	19.51 0.93 0.00	16.83 0.80 0.00
BOWLINE___1 23526	19.08 0.79 0.00	17.07 0.70 0.00	17.01 0.69 0.00	16.06 0.62 0.00	16.09 0.62 0.00	17.05 0.72 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.76 1.09 0.00	21.01 1.04 0.00	20.93 1.09 0.00	20.86 1.12 0.00	20.77 1.06 0.00	20.99 1.06 0.00	20.83 1.10 0.00	21.03 1.10 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.54 1.46 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.91 0.88 0.00
BOWLINE___2 23595	19.08 0.79 0.00	17.07 0.70 0.00	17.01 0.69 0.00	16.06 0.62 0.00	16.09 0.62 0.00	17.05 0.72 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.76 1.09 0.00	21.01 1.04 0.00	20.93 1.09 0.00	20.86 1.12 0.00	20.77 1.06 0.00	20.99 1.06 0.00	20.83 1.10 0.00	21.03 1.10 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.54 1.46 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.91 0.88 0.00
BRADY___115KV_TB2 356060	18.28 -0.02 0.00	16.29 -0.08 0.00	16.26 -0.07 0.00	15.40 -0.05 0.00	15.40 -0.08 0.00	16.25 -0.08 0.00	18.75 -0.08 0.00	20.61 -0.08 0.00	20.75 0.08 0.00	20.03 0.06 0.00	19.90 0.06 0.00	19.73 0.00 0.00	19.73 0.02 0.00	19.93 0.00 0.00	19.70 -0.02 0.00	19.91 -0.02 0.00	20.25 -0.06 0.00	25.60 -0.15 0.00	29.55 -0.06 0.00	26.97 -0.11 0.00	23.46 -0.07 0.00	19.82 -0.08 0.00	18.55 -0.04 0.00	16.03 0.00 0.00
BRANSCOMB___SOLAR 323811	18.92 0.62 0.00	16.96 0.59 0.00	16.89 0.57 0.00	15.95 0.51 0.00	15.98 0.51 0.00	16.88 0.56 0.00	19.54 0.72 0.00	21.60 0.91 0.00	21.53 0.87 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.50 0.77 0.00	20.46 0.75 0.00	20.71 0.78 0.00	20.51 0.79 0.00	20.75 0.82 0.00	21.18 0.87 0.00	26.84 1.08 0.00	31.00 1.39 0.00	28.32 1.25 0.00	24.54 1.01 0.00	20.75 0.86 0.00	19.36 0.78 0.00	16.65 0.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.95 1.54 -1.11	17.79 1.41 -0.02	17.65 1.32 0.00	16.77 1.33 0.00	16.82 1.33 -0.01	17.77 1.42 -0.02	21.15 1.66 -0.66	40.49 2.07 -17.73	37.38 2.15 -14.56	41.42 2.00 -19.45	53.61 1.94 -31.83	24.70 2.05 -2.92	26.63 1.95 -4.97	26.76 1.95 -4.87	26.89 1.99 -5.18	26.87 2.01 -4.92	31.27 2.09 -8.87	31.97 1.96 -4.26	59.58 1.95 -28.01	36.03 1.95 -7.01	27.75 2.40 -1.82	26.24 2.05 -4.29	23.47 2.01 -2.88	20.55 1.70 -2.83
BRISTLHL_115KV_TB1 79998	18.04 -0.26 0.00	16.16 -0.21 0.00	16.09 -0.23 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.12 -0.21 0.00	18.57 -0.26 0.00	20.32 -0.37 0.00	20.25 -0.41 0.00	19.61 -0.36 0.00	19.48 -0.36 0.00	19.36 -0.37 0.00	19.34 -0.37 0.00	19.58 -0.36 0.00	19.33 -0.39 0.00	19.54 -0.40 0.00	19.90 -0.41 0.00	25.34 -0.41 0.00	29.08 -0.53 0.00	26.62 -0.46 0.00	23.11 -0.42 0.00	19.52 -0.38 0.00	18.23 -0.35 0.00	15.74 -0.29 0.00
BROOKHAVEN___DRP 24191	24.84 1.76 -4.79	18.04 1.59 -0.08	17.80 1.47 -0.01	16.92 1.47 -0.01	17.02 1.49 -0.06	18.01 1.60 -0.08	23.56 1.88 -2.85	98.98 2.30 -75.99	85.46 2.38 -62.41	105.61 2.28 -83.36	155.46 2.20 -133.42	30.71 2.23 -8.75	32.20 2.15 -10.34	33.27 2.15 -11.19	33.27 2.17 -11.38	34.67 2.21 -12.52	49.88 2.29 -27.28	46.24 2.24 -18.25	152.15 2.49 -120.05	59.44 2.33 -30.04	33.54 2.64 -7.37	29.63 2.25 -7.48	31.60 2.21 -10.81	30.03 1.88 -12.13



BROOKLYN_NAVY_YARD 23515	19.11 0.82 0.01	17.08 0.72 0.01	17.03 0.72 0.01	16.09 0.65 0.00	16.10 0.63 0.01	17.09 0.77 0.01	19.68 0.85 0.00	21.83 1.14 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.03 1.19 0.00	20.98 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.90 1.18 0.00	21.11 1.18 0.00	21.53 1.22 0.00	27.04 1.29 0.00	31.15 1.54 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.08 1.19 0.02	19.79 1.21 0.00	17.00 0.98 0.00
BROOKLYN___ARMY_DRP 323595	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
BROOKVLE_69_KV_TB1 55790	19.47 1.17 0.00	17.42 1.05 0.00	17.28 0.96 0.00	16.40 0.96 0.00	16.43 0.96 0.00	17.39 1.06 0.00	20.07 1.24 0.00	22.26 1.57 0.00	22.32 1.65 0.00	21.55 1.58 0.00	22.33 1.59 -0.91	23.01 1.64 -1.64	24.62 1.58 -3.33	24.46 1.57 -2.95	24.61 1.60 -3.29	24.13 1.59 -2.61	25.20 1.62 -3.27	27.40 1.65 0.00	31.54 1.92 0.00	28.89 1.81 0.00	25.51 1.86 -0.13	25.10 1.61 -3.59	20.60 1.54 -0.47	17.33 1.30 0.00
BROOME_2_LFGE 323671	18.52 0.22 0.00	16.58 0.21 0.00	16.50 0.18 0.00	15.64 0.20 0.00	15.71 0.23 0.00	16.51 0.18 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.77 0.10 0.00	20.15 0.18 0.00	19.99 0.16 0.00	19.87 0.14 0.00	19.87 0.16 0.00	20.09 0.16 0.00	19.84 0.12 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.88 0.27 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.73 0.15 0.00	16.15 0.13 0.00
BROOME___LFGE 323600	18.52 0.22 0.00	16.58 0.21 0.00	16.50 0.18 0.00	15.64 0.20 0.00	15.71 0.23 0.00	16.51 0.18 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.77 0.10 0.00	20.15 0.18 0.00	19.99 0.16 0.00	19.87 0.14 0.00	19.87 0.16 0.00	20.09 0.16 0.00	19.84 0.12 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.88 0.27 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.73 0.15 0.00	16.15 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.83 -0.19 0.00
BROWNSV1_27_KV_LOAD 356125	19.30 1.01 0.00	17.25 0.88 0.00	17.19 0.87 0.00	16.28 0.83 0.00	16.31 0.84 0.00	17.24 0.91 0.00	19.85 1.02 0.00	21.99 1.30 0.00	22.05 1.38 0.00	21.29 1.32 0.00	21.24 1.41 0.00	21.19 1.46 0.00	21.09 1.38 0.00	21.29 1.36 0.00	21.10 1.38 0.00	21.31 1.38 0.00	21.73 1.42 0.00	27.33 1.57 0.00	31.48 1.87 0.00	28.89 1.81 0.00	25.11 1.58 0.00	21.29 1.39 0.00	19.94 1.36 0.00	17.15 1.12 0.00
BURROWS___LYONSDAL 23803	18.41 0.11 0.00	16.45 0.08 0.00	16.37 0.05 0.00	15.51 0.06 0.00	15.55 0.08 0.00	16.43 0.10 0.00	19.00 0.17 0.00	20.79 0.10 0.00	20.79 0.12 0.00	20.09 0.12 0.00	19.94 0.10 0.00	19.77 0.04 0.00	19.71 0.00 0.00	19.95 0.02 0.00	19.72 0.00 0.00	19.97 0.04 0.00	20.37 0.06 0.00	25.89 0.13 0.00	29.82 0.21 0.00	27.29 0.22 0.00	23.69 0.16 0.00	20.04 0.14 0.00	18.69 0.11 0.00	16.11 0.08 0.00
CAITHNESS_CC_1 323624	24.78 1.68 -4.80	17.99 1.54 -0.08	17.75 1.42 -0.01	16.84 1.39 -0.01	16.91 1.38 -0.06	17.94 1.53 -0.08	23.51 1.83 -2.86	99.09 2.15 -76.25	85.57 2.27 -62.63	105.80 2.18 -83.65	155.85 2.14 -133.87	49.21 2.17 -27.31	32.15 2.07 -10.37	33.22 2.07 -11.22	33.24 2.11 -11.40	34.62 2.13 -12.56	49.90 2.23 -27.36	46.20 2.14 -18.31	152.41 2.34 -120.46	59.44 2.22 -30.14	33.47 2.54 -7.40	39.56 2.17 -17.49	31.56 2.14 -10.84	30.01 1.81 -12.17
CALPINE BETH_PAGE_GT4 24209	19.69 1.28 -0.11	17.53 1.16 0.00	17.37 1.04 0.00	16.49 1.05 0.00	16.53 1.05 0.00	17.51 1.18 0.00	20.29 1.39 -0.07	24.23 1.76 -1.78	23.95 1.82 -1.46	23.66 1.74 -1.95	25.54 1.69 -4.01	23.10 1.74 -1.64	24.88 1.68 -3.50	24.69 1.61 -3.14	24.82 1.62 -3.48	24.41 1.63 -2.84	25.81 1.67 -3.83	27.73 1.55 -0.43	34.17 1.75 -2.81	29.43 1.65 -0.70	25.73 1.91 -0.30	25.16 1.67 -3.59	21.01 1.71 -0.71	17.75 1.44 -0.28
CALPINE_BETH_PAGE_GT_4 323586	19.69 1.28 -0.11	17.52 1.15 0.00	17.37 1.05 0.00	16.46 1.02 0.00	16.47 0.99 0.00	17.51 1.18 0.00	20.29 1.39 -0.07	24.17 1.70 -1.78	23.85 1.71 -1.47	23.55 1.62 -1.96	25.46 1.61 -4.01	23.63 1.66 -2.24	24.78 1.58 -3.50	24.65 1.57 -3.14	24.82 1.62 -3.48	24.41 1.63 -2.84	25.82 1.68 -3.83	27.73 1.55 -0.43	34.17 1.75 -2.81	29.43 1.65 -0.70	25.73 1.91 -0.30	25.49 1.67 -3.92	21.00 1.71 -0.71	17.76 1.44 -0.29
CALPINE_BP_GT1 23823	19.69 1.28 -0.11	17.52 1.15 0.00	17.37 1.05 0.00	16.46 1.02 0.00	16.47 0.99 0.00	17.51 1.18 0.00	20.29 1.39 -0.07	24.17 1.70 -1.78	23.85 1.71 -1.47	23.55 1.62 -1.96	25.46 1.61 -4.01	23.63 1.66 -2.24	24.78 1.58 -3.50	24.65 1.57 -3.14	24.82 1.62 -3.48	24.41 1.63 -2.84	25.82 1.68 -3.83	27.73 1.55 -0.43	34.17 1.75 -2.81	29.43 1.65 -0.70	25.73 1.91 -0.30	25.49 1.67 -3.92	21.00 1.71 -0.71	17.76 1.44 -0.29
CALSPAN___DRP 24200	18.17 -0.13 0.00	16.30 -0.07 0.00	16.17 -0.15 0.00	15.37 -0.08 0.00	15.37 -0.11 0.00	16.10 -0.23 0.00	18.74 -0.09 0.00	20.07 -0.62 0.00	19.63 -1.03 0.00	19.23 -0.74 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	18.98 -0.73 0.00	19.22 -0.72 0.00	18.91 -0.81 0.00	19.08 -0.86 0.00	19.50 -0.81 0.00	25.42 -0.33 0.00	28.31 -1.30 0.00	25.99 -1.08 0.00	22.71 -0.82 0.00	19.12 -0.78 0.00	17.90 -0.69 0.00	15.51 -0.51 0.00
CALVERTON___SOLAR 323806	24.91 1.83 -4.78	18.10 1.65 -0.08	17.87 1.53 -0.01	16.97 1.51 -0.01	17.02 1.49 -0.06	18.08 1.67 -0.08	23.63 1.96 -2.85	98.92 2.30 -75.93	85.46 2.42 -62.37	105.59 2.32 -83.30	155.46 2.30 -133.32	49.26 2.33 -27.20	32.29 2.25 -10.34	33.37 2.25 -11.18	33.36 2.27 -11.37	34.76 2.31 -12.52	49.99 2.42 -27.26	46.36 2.37 -18.23	152.20 2.63 -119.96	59.56 2.46 -30.02	33.65 2.75 -7.37	39.68 2.35 -17.44	31.67 2.29 -10.80	30.07 1.92 -12.12
CANDIGU_WT_PWR 323617	18.39 0.09 0.00	16.50 0.13 0.00	16.39 0.07 0.00	15.58 0.14 0.00	15.65 0.17 0.00	16.36 0.03 0.00	19.00 0.17 0.00	20.59 -0.10 0.00	20.32 -0.35 0.00	19.79 -0.18 0.00	19.60 -0.24 0.00	19.47 -0.26 0.00	19.48 -0.24 0.00	19.72 -0.22 0.00	19.43 -0.30 0.00	19.61 -0.32 0.00	20.00 -0.30 0.00	25.83 0.08 0.00	29.22 -0.39 0.00	26.83 -0.24 0.00	23.37 -0.16 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.82 -0.21 0.00

CARR STREET_E__SYR 24060	18.20 -0.09 0.00	16.30 -0.07 0.00	16.22 -0.10 0.00	15.37 -0.08 0.00	15.43 -0.05 0.00	16.25 -0.08 0.00	18.75 -0.08 0.00	20.50 -0.19 0.00	20.44 -0.23 0.00	19.79 -0.18 0.00	19.66 -0.18 0.00	19.53 -0.20 0.00	19.53 -0.18 0.00	19.75 -0.18 0.00	19.52 -0.20 0.00	19.74 -0.20 0.00	20.10 -0.20 0.00	25.60 -0.15 0.00	29.34 -0.27 0.00	26.89 -0.19 0.00	23.34 -0.19 0.00	19.70 -0.20 0.00	18.40 -0.19 0.00	15.87 -0.16 0.00
CARTHAGE__PAPER 23857	18.08 -0.22 0.00	16.14 -0.23 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.26 -0.22 0.00	16.13 -0.20 0.00	18.66 -0.17 0.00	20.40 -0.29 0.00	20.42 -0.25 0.00	19.69 -0.28 0.00	19.52 -0.32 0.00	19.36 -0.38 0.00	19.28 -0.43 0.00	19.52 -0.42 0.00	19.27 -0.45 0.00	19.54 -0.40 0.00	19.94 -0.36 0.00	25.40 -0.36 0.00	29.31 -0.30 0.00	26.80 -0.27 0.00	23.27 -0.26 0.00	19.68 -0.22 0.00	18.38 -0.20 0.00	15.85 -0.18 0.00
CASSADAGA_WT_PWR 323784	18.44 0.15 0.00	16.60 0.23 0.00	16.39 0.07 0.00	15.64 0.20 0.00	15.68 0.20 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.26 -0.44 0.00	19.78 -0.89 0.00	19.37 -0.60 0.00	19.22 -0.62 0.00	19.12 -0.61 0.00	19.14 -0.57 0.00	19.34 -0.60 0.00	18.99 -0.73 0.00	19.18 -0.76 0.00	19.56 -0.75 0.00	25.52 -0.23 0.00	28.52 -1.10 0.00	26.18 -0.89 0.00	22.85 -0.68 0.00	19.20 -0.70 0.00	17.95 -0.63 0.00	15.50 -0.53 0.00
CE_DUNWOOD__DRP 24194	19.14 0.84 0.00	17.14 0.77 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.11 0.78 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.01 1.17 0.00	20.95 1.22 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.53 1.22 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.92 1.39 0.00	21.11 1.21 0.00	19.74 1.15 0.00	16.97 0.95 0.00
CE_MILLWOOD__DRP 24193	19.12 0.82 0.00	17.11 0.74 0.00	17.04 0.72 0.00	16.12 0.68 0.00	16.16 0.68 0.00	17.08 0.75 0.00	19.70 0.87 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.99 1.15 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.89 1.16 0.00	21.09 1.16 0.00	21.51 1.20 0.00	27.07 1.31 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.89 1.36 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.96 0.93 0.00
CE_NYC2_DRP 24202	19.21 0.91 0.00	17.17 0.80 0.00	17.14 0.82 0.00	16.25 0.80 0.00	16.28 0.80 0.00	17.13 0.80 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.08 1.06 0.00
CE_NYC_DRP 24195	18.96 0.90 0.23	17.07 0.80 0.10	17.11 0.78 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.61 1.30 0.00	26.52 1.39 0.63	30.55 1.69 0.75	28.04 1.65 0.68	24.47 1.44 0.49	20.94 1.29 0.25	19.66 1.25 0.17	16.98 1.03 0.07
CHAFFEE__LFGE 323603	18.19 -0.11 0.00	16.35 -0.02 0.00	16.19 -0.13 0.00	15.48 0.03 0.00	15.52 0.05 0.00	16.13 -0.20 0.00	18.77 -0.06 0.00	20.13 -0.56 0.00	19.72 -0.95 0.00	19.29 -0.68 0.00	19.12 -0.71 0.00	19.00 -0.73 0.00	19.04 -0.67 0.00	19.28 -0.66 0.00	18.97 -0.75 0.00	19.14 -0.80 0.00	19.56 -0.75 0.00	25.50 -0.26 0.00	28.43 -1.19 0.00	26.10 -0.97 0.00	22.80 -0.73 0.00	19.18 -0.72 0.00	17.93 -0.65 0.00	15.50 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	18.42 0.13 0.00	16.42 0.05 0.00	16.44 0.11 0.00	15.58 0.14 0.00	15.57 0.09 0.00	16.43 0.10 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.12 0.45 0.00	20.41 0.44 0.00	20.25 0.42 0.00	20.09 0.36 0.00	20.11 0.39 0.00	20.27 0.34 0.00	20.08 0.35 0.00	20.25 0.32 0.00	20.61 0.30 0.00	26.09 0.33 0.00	30.08 0.47 0.00	27.29 0.22 0.00	23.74 0.21 0.00	20.06 0.16 0.00	18.75 0.17 0.00	16.19 0.16 0.00
CHATEAUG_WT_PWR 323614	18.42 0.13 0.00	16.40 0.03 0.00	16.42 0.10 0.00	15.57 0.12 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.94 0.11 0.00	20.88 0.19 0.00	21.08 0.41 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.08 0.37 0.00	20.25 0.32 0.00	20.04 0.31 0.00	20.23 0.30 0.00	20.57 0.26 0.00	26.07 0.31 0.00	30.03 0.41 0.00	27.27 0.19 0.00	23.69 0.17 0.00	20.04 0.14 0.00	18.73 0.15 0.00	16.20 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	18.42 0.13 0.00	16.40 0.03 0.00	16.44 0.12 0.00	15.58 0.14 0.00	15.57 0.09 0.00	16.43 0.10 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.12 0.45 0.00	20.41 0.44 0.00	20.25 0.42 0.00	20.09 0.36 0.00	20.10 0.39 0.00	20.27 0.34 0.00	20.08 0.36 0.00	20.25 0.32 0.00	20.61 0.31 0.00	26.09 0.33 0.00	30.08 0.47 0.00	27.29 0.22 0.00	23.74 0.21 0.00	20.06 0.16 0.00	18.75 0.17 0.00	16.22 0.19 0.00
CHAUTAUQUA__LFGE 323629	18.33 0.04 0.00	16.48 0.12 0.00	16.31 -0.02 0.00	15.58 0.14 0.00	15.61 0.14 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.26 -0.44 0.00	19.80 -0.87 0.00	19.39 -0.58 0.00	19.22 -0.62 0.00	19.12 -0.61 0.00	19.14 -0.57 0.00	19.38 -0.56 0.00	19.05 -0.67 0.00	19.22 -0.72 0.00	19.62 -0.69 0.00	25.58 -0.18 0.00	28.57 -1.04 0.00	26.24 -0.84 0.00	22.92 -0.61 0.00	19.26 -0.64 0.00	18.01 -0.58 0.00	15.58 -0.45 0.00
CHERRYST_13_KV_LD 356241	19.00 0.93 0.23	17.10 0.83 0.10	17.14 0.82 0.00	16.23 0.79 0.00	16.26 0.79 0.00	17.19 0.87 0.00	19.79 0.96 0.00	21.95 1.26 0.00	21.99 1.32 0.00	21.23 1.26 0.00	21.17 1.33 0.00	21.13 1.40 0.00	21.01 1.30 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.25 1.32 0.00	21.65 1.34 0.00	26.59 1.47 0.63	30.61 1.75 0.75	28.10 1.71 0.68	24.52 1.48 0.49	20.98 1.33 0.25	19.70 1.28 0.17	17.02 1.06 0.07
CHESTROR_138KV_BK263 355645	19.01 0.71 0.00	17.01 0.64 0.00	16.94 0.62 0.00	16.03 0.59 0.00	16.06 0.59 0.00	16.98 0.65 0.00	19.58 0.75 0.00	21.66 0.97 0.00	21.64 0.97 0.00	20.89 0.92 0.00	20.79 0.95 0.00	20.72 0.99 0.00	20.66 0.95 0.00	20.87 0.94 0.00	20.69 0.97 0.00	20.91 0.98 0.00	21.30 1.00 0.00	26.89 1.13 0.00	31.00 1.39 0.00	28.40 1.33 0.00	24.71 1.18 0.00	20.91 1.01 0.00	19.53 0.95 0.00	16.83 0.80 0.00
CH_MIDHUDSON__DRP 24192	19.10 0.81 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.06 0.73 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.74 1.07 0.00	20.99 1.02 0.00	20.87 1.03 0.00	20.82 1.09 0.00	20.74 1.02 0.00	20.95 1.02 0.00	20.79 1.06 0.00	21.01 1.08 0.00	21.40 1.10 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.51 1.44 0.00	24.80 1.27 0.00	21.01 1.11 0.00	19.62 1.04 0.00	16.91 0.88 0.00

CH_MISC_IPPS 23765	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.96 0.93 0.00
CH_RES_BVR_FALLS 23983	18.15 -0.15 0.00	16.22 -0.15 0.00	16.19 -0.13 0.00	15.32 -0.12 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.52 -0.17 0.00	20.54 -0.12 0.00	19.85 -0.12 0.00	19.72 -0.12 0.00	19.59 -0.14 0.00	19.59 -0.12 0.00	19.82 -0.12 0.00	19.60 -0.12 0.00	19.80 -0.14 0.00	20.17 -0.14 0.00	25.55 -0.21 0.00	29.40 -0.21 0.00	26.86 -0.22 0.00	23.34 -0.19 0.00	19.74 -0.16 0.00	18.43 -0.15 0.00	15.92 -0.11 0.00
CH_RES_NIAGARA 23895	17.51 -0.79 0.00	15.83 -0.54 0.00	15.57 -0.75 0.00	14.89 -0.56 0.00	14.95 -0.53 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.81 -1.86 0.00	18.44 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.84 -1.19 0.00
CH_RES_SYRACUSE 23985	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.52 0.05 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
CLINTON_WT_PWR 323605	18.42 0.13 0.00	16.40 0.03 0.00	16.42 0.10 0.00	15.57 0.12 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.94 0.11 0.00	20.88 0.19 0.00	21.08 0.41 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.08 0.37 0.00	20.25 0.32 0.00	20.04 0.31 0.00	20.23 0.30 0.00	20.57 0.26 0.00	26.07 0.31 0.00	30.03 0.41 0.00	27.27 0.19 0.00	23.69 0.17 0.00	20.04 0.14 0.00	18.73 0.15 0.00	16.20 0.18 0.00
CLINTON__LFGE 323618	18.59 0.29 0.00	16.52 0.15 0.00	16.55 0.23 0.00	15.69 0.25 0.00	15.66 0.19 0.00	16.53 0.20 0.00	19.09 0.26 0.00	21.02 0.33 0.00	21.33 0.66 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.38 0.77 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.90 0.32 0.00	16.35 0.32 0.00
COBBLENY_34_KV_TB1 80064	18.19 -0.11 0.00	16.32 -0.05 0.00	16.19 -0.13 0.00	15.38 -0.06 0.00	15.38 -0.09 0.00	16.13 -0.20 0.00	18.77 -0.06 0.00	20.13 -0.56 0.00	19.70 -0.97 0.00	19.29 -0.68 0.00	19.12 -0.71 0.00	19.00 -0.73 0.00	19.04 -0.67 0.00	19.28 -0.66 0.00	18.97 -0.75 0.00	19.14 -0.80 0.00	19.56 -0.75 0.00	25.50 -0.26 0.00	28.43 -1.18 0.00	26.10 -0.97 0.00	22.80 -0.73 0.00	19.18 -0.72 0.00	17.95 -0.63 0.00	15.55 -0.48 0.00
COFFEEN__115KV_TB3 355620	18.17 -0.13 0.00	16.22 -0.15 0.00	16.11 -0.21 0.00	15.27 -0.17 0.00	15.34 -0.14 0.00	16.20 -0.13 0.00	18.77 -0.06 0.00	20.46 -0.23 0.00	20.46 -0.21 0.00	19.73 -0.24 0.00	19.54 -0.30 0.00	19.38 -0.36 0.00	19.28 -0.43 0.00	19.52 -0.42 0.00	19.27 -0.45 0.00	19.56 -0.38 0.00	19.98 -0.32 0.00	25.52 -0.23 0.00	29.46 -0.15 0.00	26.99 -0.08 0.00	23.43 -0.09 0.00	19.80 -0.10 0.00	18.47 -0.11 0.00	15.91 -0.11 0.00
COLDSPRG_115KV_BK1 355956	18.66 0.37 0.00	16.74 0.38 0.00	16.60 0.28 0.00	15.75 0.31 0.00	15.75 0.28 0.00	16.49 0.16 0.00	19.22 0.40 0.00	20.69 0.00 0.00	20.21 -0.45 0.00	19.81 -0.16 0.00	19.62 -0.22 0.00	19.51 -0.22 0.00	19.53 -0.18 0.00	19.76 -0.18 0.00	19.41 -0.32 0.00	19.58 -0.36 0.00	20.00 -0.30 0.00	26.09 0.33 0.00	29.26 -0.36 0.00	26.86 -0.22 0.00	23.43 -0.09 0.00	19.66 -0.24 0.00	18.36 -0.22 0.00	15.88 -0.14 0.00
COLONIE_LFGE__ 323577	18.83 0.53 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.89 0.45 0.00	15.91 0.43 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.63 0.66 0.00	20.47 0.63 0.00	20.40 0.67 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.67 0.74 0.00	21.10 0.79 0.00	26.71 0.95 0.00	30.80 1.19 0.00	28.13 1.05 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.27 0.69 0.00	16.59 0.56 0.00
COOPERNY_115KV_TB1 80082	18.86 0.57 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.92 0.48 0.00	15.95 0.48 0.00	16.85 0.52 0.00	19.43 0.60 0.00	21.46 0.77 0.00	21.43 0.76 0.00	20.71 0.74 0.00	20.59 0.75 0.00	20.52 0.79 0.00	20.46 0.75 0.00	20.67 0.74 0.00	20.47 0.75 0.00	20.69 0.76 0.00	21.10 0.79 0.00	26.66 0.90 0.00	30.71 1.10 0.00	28.13 1.06 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.35 0.76 0.00	16.65 0.63 0.00
COPENHAGEN_WT_PWR 323753	18.10 -0.20 0.00	16.16 -0.21 0.00	16.06 -0.26 0.00	15.23 -0.22 0.00	15.29 -0.19 0.00	16.13 -0.20 0.00	18.68 -0.15 0.00	20.38 -0.31 0.00	20.36 -0.31 0.00	19.67 -0.30 0.00	19.48 -0.36 0.00	19.32 -0.42 0.00	19.26 -0.45 0.00	19.48 -0.46 0.00	19.23 -0.49 0.00	19.50 -0.44 0.00	19.90 -0.41 0.00	25.40 -0.36 0.00	29.29 -0.33 0.00	26.83 -0.24 0.00	23.29 -0.24 0.00	19.68 -0.22 0.00	18.38 -0.20 0.00	15.84 -0.19 0.00
CORNELL____ 23752	18.68 0.38 0.00	16.71 0.34 0.00	16.63 0.31 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.28 0.45 0.00	21.10 0.41 0.00	21.02 0.35 0.00	20.35 0.38 0.00	20.17 0.34 0.00	20.03 0.30 0.00	20.03 0.32 0.00	20.27 0.34 0.00	20.02 0.30 0.00	20.25 0.32 0.00	20.65 0.35 0.00	26.40 0.64 0.00	30.23 0.62 0.00	27.73 0.65 0.00	24.07 0.54 0.00	20.28 0.38 0.00	18.92 0.33 0.00	16.30 0.27 0.00
CORONAAV_69_KV_TB1 355595	19.50 1.21 0.00	17.45 1.08 0.00	17.30 0.98 0.00	16.42 0.97 0.00	16.47 0.99 0.00	17.42 1.09 0.00	20.11 1.28 0.00	22.33 1.63 0.00	22.36 1.69 0.00	21.59 1.62 0.00	22.33 1.59 -0.91	23.03 1.66 -1.64	24.62 1.58 -3.33	24.46 1.57 -2.95	24.61 1.60 -3.29	24.15 1.61 -2.61	25.20 1.62 -3.27	27.33 1.57 0.00	31.42 1.81 0.00	28.78 1.71 0.00	25.51 1.86 -0.13	25.12 1.63 -3.59	20.65 1.60 -0.47	17.37 1.35 0.00
CORTLAND_115KV_TB3 80093	18.53 0.24 0.00	16.58 0.21 0.00	16.52 0.20 0.00	15.63 0.19 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.13 0.30 0.00	20.94 0.25 0.00	20.85 0.19 0.00	20.19 0.22 0.00	20.05 0.22 0.00	19.91 0.18 0.00	19.91 0.20 0.00	20.13 0.20 0.00	19.88 0.16 0.00	20.11 0.18 0.00	20.51 0.20 0.00	26.14 0.39 0.00	29.97 0.36 0.00	27.45 0.38 0.00	23.86 0.33 0.00	20.12 0.22 0.00	18.77 0.19 0.00	16.19 0.16 0.00

COXSACKIE___GT 23611	19.01 0.71 0.00	17.07 0.70 0.00	16.98 0.65 0.00	16.06 0.62 0.00	16.06 0.59 0.00	17.01 0.69 0.00	19.66 0.83 0.00	21.68 0.99 0.00	21.56 0.89 0.00	20.71 0.74 0.00	20.55 0.71 0.00	20.44 0.71 0.00	20.40 0.69 0.00	20.63 0.70 0.00	20.43 0.71 0.00	20.71 0.78 0.00	21.16 0.85 0.00	27.02 1.26 0.00	31.21 1.60 0.00	28.46 1.38 0.00	24.61 1.08 0.00	20.85 0.96 0.00	19.46 0.87 0.00	16.78 0.75 0.00
CPV_VALLEY___CC1 323721	18.95 0.66 0.00	16.96 0.59 0.00	16.91 0.59 0.00	15.97 0.53 0.00	16.00 0.53 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.60 0.91 0.00	21.58 0.91 0.00	20.83 0.86 0.00	20.73 0.89 0.00	20.66 0.93 0.00	20.60 0.89 0.00	20.81 0.88 0.00	20.63 0.91 0.00	20.85 0.92 0.00	21.24 0.93 0.00	26.81 1.06 0.00	30.91 1.30 0.00	28.32 1.25 0.00	24.64 1.11 0.00	20.83 0.94 0.00	19.48 0.89 0.00	16.76 0.74 0.00
CPV_VALLEY___CC2 323722	18.95 0.66 0.00	16.96 0.59 0.00	16.91 0.59 0.00	15.97 0.53 0.00	16.00 0.53 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.60 0.91 0.00	21.58 0.91 0.00	20.83 0.86 0.00	20.73 0.89 0.00	20.66 0.93 0.00	20.60 0.89 0.00	20.81 0.88 0.00	20.63 0.91 0.00	20.85 0.92 0.00	21.24 0.93 0.00	26.81 1.06 0.00	30.91 1.30 0.00	28.32 1.25 0.00	24.64 1.11 0.00	20.83 0.94 0.00	19.48 0.89 0.00	16.76 0.74 0.00
CRESCENT___HYD 24018	18.83 0.53 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.89 0.45 0.00	15.91 0.43 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.63 0.66 0.00	20.47 0.63 0.00	20.40 0.67 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.67 0.74 0.00	21.10 0.79 0.00	26.71 0.95 0.00	30.80 1.19 0.00	28.13 1.05 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.27 0.69 0.00	16.59 0.56 0.00
CRICKET___VALLEY_CC1 323756	18.94 0.64 0.00	16.96 0.59 0.00	16.89 0.57 0.00	15.94 0.49 0.00	15.96 0.48 0.00	16.92 0.59 0.00	19.49 0.66 0.00	21.58 0.89 0.00	21.56 0.89 0.00	20.77 0.80 0.00	20.63 0.79 0.00	20.56 0.83 0.00	20.54 0.83 0.00	20.77 0.84 0.00	20.61 0.89 0.00	20.83 0.90 0.00	21.24 0.93 0.00	26.76 1.00 0.00	30.85 1.24 0.00	28.21 1.14 0.00	24.54 1.01 0.00	20.81 0.92 0.00	19.46 0.87 0.00	16.75 0.72 0.00
CRICKET___VALLEY_CC2 323757	18.94 0.64 0.00	16.96 0.59 0.00	16.89 0.57 0.00	15.94 0.49 0.00	15.96 0.48 0.00	16.92 0.59 0.00	19.49 0.66 0.00	21.58 0.89 0.00	21.56 0.89 0.00	20.77 0.80 0.00	20.63 0.79 0.00	20.56 0.83 0.00	20.54 0.83 0.00	20.77 0.84 0.00	20.61 0.89 0.00	20.83 0.90 0.00	21.24 0.93 0.00	26.76 1.00 0.00	30.85 1.24 0.00	28.21 1.14 0.00	24.54 1.01 0.00	20.81 0.92 0.00	19.46 0.87 0.00	16.75 0.72 0.00
CRICKET___VALLEY_CC3 323758	18.94 0.64 0.00	16.96 0.59 0.00	16.89 0.57 0.00	15.94 0.49 0.00	15.96 0.48 0.00	16.92 0.59 0.00	19.49 0.66 0.00	21.58 0.89 0.00	21.56 0.89 0.00	20.77 0.80 0.00	20.63 0.79 0.00	20.56 0.83 0.00	20.54 0.83 0.00	20.77 0.84 0.00	20.61 0.89 0.00	20.83 0.90 0.00	21.24 0.93 0.00	26.76 1.00 0.00	30.85 1.24 0.00	28.21 1.14 0.00	24.54 1.01 0.00	20.81 0.92 0.00	19.46 0.87 0.00	16.75 0.72 0.00
CRUCIBLE_METL_DRP 24180	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
DAHOWA___HYDRO 323763	18.92 0.62 0.00	16.97 0.61 0.00	16.91 0.59 0.00	15.95 0.51 0.00	15.98 0.51 0.00	16.88 0.56 0.00	19.56 0.73 0.00	21.62 0.93 0.00	21.58 0.91 0.00	20.77 0.80 0.00	20.59 0.75 0.00	20.52 0.79 0.00	20.48 0.77 0.00	20.75 0.82 0.00	20.53 0.81 0.00	20.79 0.86 0.00	21.22 0.91 0.00	26.86 1.11 0.00	31.03 1.42 0.00	28.35 1.27 0.00	24.59 1.06 0.00	20.80 0.90 0.00	19.38 0.80 0.00	16.65 0.62 0.00
DANC___LFGE 323619	18.06 -0.24 0.00	16.14 -0.23 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.26 -0.22 0.00	16.12 -0.21 0.00	18.62 -0.21 0.00	20.34 -0.35 0.00	20.30 -0.37 0.00	19.61 -0.36 0.00	19.44 -0.40 0.00	19.30 -0.43 0.00	19.24 -0.47 0.00	19.48 -0.46 0.00	19.23 -0.49 0.00	19.46 -0.48 0.00	19.86 -0.45 0.00	25.32 -0.44 0.00	29.14 -0.47 0.00	26.67 -0.41 0.00	23.15 -0.38 0.00	19.58 -0.32 0.00	18.31 -0.28 0.00	15.77 -0.26 0.00
DANSKAMMER___1 23586	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.96 0.93 0.00
DANSKAMMER___2 23589	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.96 0.93 0.00
DANSKAMMER___3 23590	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.96 0.93 0.00
DANSKAMMER___4 23591	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.14 0.70 0.00	16.16 0.68 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.96 0.93 0.00
DANSKAMMER___DIESEL 23592	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.16 0.71 0.00	16.19 0.71 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.49 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.09 1.19 0.00	19.70 1.11 0.00	16.97 0.95 0.00

DARBY___SOLAR 323810	18.90 0.60 0.00	16.96 0.59 0.00	16.89 0.57 0.00	15.95 0.51 0.00	15.98 0.51 0.00	16.88 0.56 0.00	19.54 0.72 0.00	21.60 0.91 0.00	21.56 0.89 0.00	20.75 0.78 0.00	20.59 0.75 0.00	20.52 0.79 0.00	20.48 0.77 0.00	20.73 0.80 0.00	20.53 0.81 0.00	20.77 0.84 0.00	21.20 0.89 0.00	26.84 1.08 0.00	31.00 1.39 0.00	28.32 1.25 0.00	24.54 1.01 0.00	20.75 0.86 0.00	19.36 0.78 0.00	16.65 0.62 0.00
DASHVILLE___HYD 23610	19.08 0.79 0.00	17.06 0.69 0.00	16.97 0.65 0.00	16.08 0.63 0.00	16.09 0.62 0.00	17.03 0.70 0.00	19.60 0.77 0.00	21.68 0.99 0.00	21.68 1.01 0.00	20.93 0.96 0.00	20.83 0.99 0.00	20.78 1.05 0.00	20.68 0.97 0.00	20.89 0.96 0.00	20.73 1.01 0.00	20.95 1.02 0.00	21.34 1.04 0.00	26.94 1.18 0.00	31.06 1.45 0.00	28.46 1.38 0.00	24.75 1.22 0.00	20.97 1.07 0.00	19.61 1.02 0.00	16.89 0.87 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.23 2.16 -4.77	18.41 1.96 -0.08	18.16 1.83 -0.01	17.28 1.82 -0.01	17.36 1.83 -0.06	18.37 1.96 -0.08	23.99 2.32 -2.84	99.21 2.77 -75.74	85.75 2.87 -62.21	105.84 2.78 -83.09	155.54 2.72 -132.99	31.37 2.76 -8.87	32.73 2.70 -10.32	33.81 2.71 -11.16	33.82 2.74 -11.35	35.20 2.77 -12.49	50.35 2.84 -27.20	46.96 3.01 -18.19	152.62 3.35 -119.66	60.16 3.14 -29.94	34.20 3.32 -7.35	30.25 2.81 -7.54	32.03 2.68 -10.77	30.37 2.26 -12.09
DELAWARE___LFGE 323621	18.81 0.51 0.00	16.84 0.47 0.00	16.79 0.47 0.00	15.89 0.45 0.00	15.94 0.46 0.00	16.80 0.47 0.00	19.41 0.58 0.00	21.35 0.66 0.00	21.31 0.64 0.00	20.61 0.64 0.00	20.47 0.63 0.00	20.36 0.63 0.00	20.32 0.61 0.00	20.55 0.62 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.58 0.82 0.00	30.59 0.98 0.00	28.00 0.92 0.00	24.33 0.80 0.00	20.58 0.68 0.00	19.22 0.63 0.00	16.54 0.51 0.00
DERFIELD_115KV_TB7 355931	18.37 0.07 0.00	16.43 0.07 0.00	16.39 0.07 0.00	15.51 0.06 0.00	15.54 0.06 0.00	16.39 0.07 0.00	18.90 0.08 0.00	20.77 0.08 0.00	20.75 0.08 0.00	20.05 0.08 0.00	19.90 0.06 0.00	19.81 0.08 0.00	19.77 0.06 0.00	19.99 0.06 0.00	19.78 0.06 0.00	20.01 0.08 0.00	20.39 0.08 0.00	25.83 0.08 0.00	29.70 0.09 0.00	27.16 0.08 0.00	23.60 0.07 0.00	19.98 0.08 0.00	18.64 0.06 0.00	16.08 0.05 0.00
DOGLEVILLE___HYD 23807	18.94 0.64 0.00	16.96 0.59 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.05 0.57 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.43 0.74 0.00	21.41 0.74 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.44 0.71 0.00	20.42 0.71 0.00	20.65 0.72 0.00	20.41 0.69 0.00	20.65 0.72 0.00	21.02 0.71 0.00	26.66 0.90 0.00	30.59 0.98 0.00	27.97 0.89 0.00	24.28 0.75 0.00	20.58 0.68 0.00	19.22 0.63 0.00	16.56 0.53 0.00
DUNKIRK___115KV_TB_200 55889	18.31 0.02 0.00	16.43 0.07 0.00	16.31 -0.02 0.00	15.48 0.03 0.00	15.48 0.00 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.24 -0.46 0.00	19.78 -0.89 0.00	19.39 -0.58 0.00	19.22 -0.61 0.00	19.10 -0.63 0.00	19.14 -0.57 0.00	19.38 -0.56 0.00	19.05 -0.67 0.00	19.22 -0.72 0.00	19.62 -0.69 0.00	25.58 -0.18 0.00	28.57 -1.04 0.00	26.24 -0.84 0.00	22.92 -0.61 0.00	19.26 -0.64 0.00	18.03 -0.56 0.00	15.61 -0.42 0.00
DUNKIRK___1 23563	18.31 0.02 0.00	16.43 0.07 0.00	16.31 -0.02 0.00	15.48 0.03 0.00	15.48 0.00 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.24 -0.46 0.00	19.78 -0.89 0.00	19.39 -0.58 0.00	19.22 -0.61 0.00	19.10 -0.63 0.00	19.14 -0.57 0.00	19.38 -0.56 0.00	19.05 -0.67 0.00	19.22 -0.72 0.00	19.62 -0.69 0.00	25.58 -0.18 0.00	28.57 -1.04 0.00	26.24 -0.84 0.00	22.92 -0.61 0.00	19.26 -0.64 0.00	18.03 -0.56 0.00	15.61 -0.42 0.00
DUNKIRK___2 23564	18.31 0.02 0.00	16.43 0.07 0.00	16.31 -0.02 0.00	15.48 0.03 0.00	15.48 0.00 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.24 -0.46 0.00	19.78 -0.89 0.00	19.39 -0.58 0.00	19.22 -0.61 0.00	19.10 -0.63 0.00	19.14 -0.57 0.00	19.38 -0.56 0.00	19.05 -0.67 0.00	19.22 -0.72 0.00	19.62 -0.69 0.00	25.58 -0.18 0.00	28.57 -1.04 0.00	26.24 -0.84 0.00	22.92 -0.61 0.00	19.26 -0.64 0.00	18.03 -0.56 0.00	15.61 -0.42 0.00
DUNKIRK___3 23565	18.26 -0.04 0.00	16.38 0.02 0.00	16.26 -0.07 0.00	15.43 -0.02 0.00	15.44 -0.03 0.00	16.17 -0.16 0.00	18.83 0.00 0.00	20.19 -0.50 0.00	19.76 -0.91 0.00	19.35 -0.62 0.00	19.18 -0.65 0.00	19.08 -0.65 0.00	19.10 -0.61 0.00	19.34 -0.60 0.00	19.01 -0.71 0.00	19.20 -0.74 0.00	19.60 -0.71 0.00	25.52 -0.23 0.00	28.52 -1.10 0.00	26.21 -0.87 0.00	22.87 -0.66 0.00	19.24 -0.66 0.00	17.99 -0.59 0.00	15.58 -0.45 0.00
DUNKIRK___4 23566	18.26 -0.04 0.00	16.38 0.02 0.00	16.26 -0.07 0.00	15.43 -0.02 0.00	15.44 -0.03 0.00	16.17 -0.16 0.00	18.83 0.00 0.00	20.19 -0.50 0.00	19.76 -0.91 0.00	19.35 -0.62 0.00	19.18 -0.65 0.00	19.08 -0.65 0.00	19.10 -0.61 0.00	19.34 -0.60 0.00	19.01 -0.71 0.00	19.20 -0.74 0.00	19.60 -0.71 0.00	25.52 -0.23 0.00	28.52 -1.10 0.00	26.21 -0.87 0.00	22.87 -0.66 0.00	19.24 -0.66 0.00	17.99 -0.59 0.00	15.58 -0.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.17 0.73 0.00	16.20 0.73 0.00	17.13 0.80 0.00	19.75 0.92 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.07 1.23 0.00	21.01 1.28 0.00	20.91 1.20 0.00	21.13 1.20 0.00	20.94 1.22 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.65 1.57 0.00	24.94 1.41 0.00	21.13 1.23 0.00	19.77 1.19 0.00	17.00 0.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.08 0.79 0.00	17.07 0.70 0.00	16.99 0.67 0.00	16.09 0.65 0.00	16.11 0.63 0.00	17.05 0.72 0.00	19.64 0.81 0.00	21.75 1.06 0.00	21.72 1.05 0.00	20.97 1.00 0.00	20.87 1.03 0.00	20.80 1.07 0.00	20.74 1.02 0.00	20.95 1.02 0.00	20.77 1.05 0.00	20.99 1.06 0.00	21.38 1.08 0.00	26.99 1.24 0.00	31.15 1.54 0.00	28.51 1.44 0.00	24.80 1.27 0.00	20.99 1.09 0.00	19.62 1.04 0.00	16.89 0.87 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.19 0.90 0.00	17.12 0.75 0.00	17.11 0.78 0.00	16.26 0.82 0.00	16.26 0.79 0.00	17.08 0.75 0.00	19.58 0.75 0.00	21.70 1.01 0.00	21.78 1.12 0.00	21.03 1.06 0.00	21.03 1.19 0.00	20.99 1.26 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.91 1.18 0.00	21.07 1.14 0.00	21.47 1.16 0.00	27.02 1.26 0.00	31.12 1.51 0.00	28.56 1.49 0.00	24.78 1.25 0.00	21.07 1.17 0.00	19.74 1.15 0.00	17.05 1.03 0.00
E179THST_13_KV_LOAD 356214	19.25 0.95 0.00	17.17 0.80 0.00	17.17 0.85 0.00	16.31 0.86 0.00	16.31 0.84 0.00	17.13 0.80 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.81 1.23 0.00	17.10 1.07 0.00

EAST HAMPTON___GT 23717	25.43 2.36 -4.77	18.59 2.14 -0.08	18.34 2.01 -0.01	17.42 1.96 -0.01	17.47 1.93 -0.06	18.55 2.14 -0.08	24.21 2.54 -2.84	99.34 2.92 -75.73	85.97 3.10 -62.20	106.04 3.00 -83.07	155.77 2.97 -132.95	49.86 3.00 -27.13	33.00 2.98 -10.32	34.08 2.99 -11.16	34.07 3.00 -11.35	35.45 3.03 -12.49	50.67 3.17 -27.20	47.31 3.37 -18.18	153.03 3.79 -119.63	60.53 3.52 -29.93	34.52 3.65 -7.35	40.36 3.06 -17.40	32.27 2.92 -10.77	30.55 2.44 -12.09
EAST RIVER___6 23660	18.95 0.88 0.23	17.04 0.77 0.10	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.85 1.16 0.00	21.91 1.24 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.19 1.26 0.00	21.61 1.30 0.00	26.49 1.36 0.63	30.49 1.63 0.75	27.99 1.60 0.68	24.42 1.39 0.49	20.92 1.27 0.25	19.66 1.25 0.17	16.97 1.01 0.07
EAST RIVER___7 23524	18.95 0.88 0.23	17.04 0.77 0.10	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.85 1.16 0.00	21.91 1.24 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.19 1.26 0.00	21.61 1.30 0.00	26.49 1.36 0.63	30.49 1.63 0.75	27.99 1.60 0.68	24.42 1.39 0.49	20.92 1.27 0.25	19.66 1.25 0.17	16.97 1.01 0.07
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.14 0.84 0.00	17.14 0.77 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.11 0.78 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.01 1.17 0.00	20.95 1.22 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.53 1.22 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.92 1.39 0.00	21.11 1.21 0.00	19.74 1.15 0.00	16.97 0.95 0.00
EAST_HAMPTON___DIESEL 23722	25.43 2.36 -4.77	18.59 2.14 -0.08	18.34 2.01 -0.01	17.42 1.96 -0.01	17.47 1.93 -0.06	18.57 2.16 -0.08	24.21 2.54 -2.84	99.35 2.94 -75.73	85.97 3.10 -62.20	106.04 3.00 -83.08	155.77 2.97 -132.96	49.86 3.00 -27.13	33.00 2.98 -10.32	34.08 2.99 -11.16	34.07 3.00 -11.35	35.47 3.05 -12.49	50.67 3.17 -27.20	47.34 3.40 -18.18	153.03 3.79 -119.63	60.53 3.52 -29.93	34.54 3.67 -7.35	40.36 3.06 -17.40	32.27 2.92 -10.77	30.55 2.44 -12.09
EAST_PULASKI___ESR 323781	18.04 -0.26 0.00	16.14 -0.23 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.26 -0.22 0.00	16.10 -0.23 0.00	18.58 -0.24 0.00	20.32 -0.37 0.00	20.25 -0.41 0.00	19.59 -0.38 0.00	19.44 -0.40 0.00	19.32 -0.41 0.00	19.28 -0.43 0.00	19.50 -0.44 0.00	19.27 -0.45 0.00	19.46 -0.48 0.00	19.84 -0.47 0.00	25.29 -0.46 0.00	29.05 -0.56 0.00	26.59 -0.49 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.25 -0.33 0.00	15.74 -0.29 0.00
EAST_RIVER___1 323558	18.96 0.90 0.23	17.06 0.79 0.10	17.11 0.78 0.00	16.17 0.73 0.00	16.19 0.71 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.93 1.26 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.61 1.30 0.00	26.52 1.39 0.63	30.55 1.69 0.75	28.04 1.65 0.68	24.47 1.44 0.49	20.94 1.29 0.25	19.66 1.25 0.17	16.99 1.03 0.07
EAST_RIVER___2 323559	18.95 0.88 0.23	17.04 0.77 0.10	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.85 1.16 0.00	21.91 1.24 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.19 1.26 0.00	21.61 1.30 0.00	26.49 1.36 0.63	30.49 1.63 0.75	27.99 1.60 0.68	24.42 1.39 0.49	20.92 1.27 0.25	19.66 1.25 0.17	16.97 1.01 0.07
EAST___DELAWARE_HYD 23607	19.25 0.95 0.00	17.20 0.83 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.20 0.73 0.00	17.18 0.85 0.00	19.81 0.98 0.00	21.87 1.18 0.00	21.82 1.16 0.00	21.09 1.12 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.51 1.20 0.00	27.25 1.49 0.00	31.39 1.78 0.00	28.75 1.68 0.00	24.99 1.46 0.00	21.17 1.27 0.00	19.77 1.19 0.00	17.02 0.99 0.00
EIGHT_POINT___WT_PWR 323820	18.63 0.33 0.00	16.71 0.34 0.00	16.58 0.26 0.00	15.78 0.34 0.00	15.86 0.39 0.00	16.57 0.25 0.00	19.26 0.43 0.00	20.86 0.16 0.00	20.56 -0.10 0.00	20.05 0.08 0.00	19.84 0.00 0.00	19.69 -0.04 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.62 -0.10 0.00	19.82 -0.12 0.00	20.21 -0.10 0.00	26.17 0.41 0.00	29.58 -0.03 0.00	27.16 0.08 0.00	23.62 0.09 0.00	19.84 -0.06 0.00	18.51 -0.07 0.00	15.96 -0.06 0.00
ELBRIDGE_115KV_TB2 80188	18.33 0.04 0.00	16.40 0.03 0.00	16.34 0.02 0.00	15.48 0.03 0.00	15.52 0.05 0.00	16.38 0.05 0.00	18.90 0.08 0.00	20.67 -0.02 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.83 0.08 0.00	29.58 -0.03 0.00	27.10 0.03 0.00	23.53 0.00 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.99 -0.03 0.00
ELEC_TRO_TEK 24086	19.41 1.12 0.00	17.37 1.00 0.00	17.22 0.90 0.00	16.34 0.90 0.00	16.39 0.91 0.00	17.34 1.01 0.00	20.03 1.21 0.00	22.22 1.53 0.00	22.26 1.59 0.00	21.49 1.52 0.00	22.23 1.49 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.46 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.10 1.52 -3.27	27.20 1.44 0.00	31.24 1.63 0.00	28.65 1.57 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.54 1.49 -0.47	17.29 1.27 0.00
ELLENBURG_WT_PWR 323604	18.42 0.13 0.00	16.40 0.03 0.00	16.42 0.10 0.00	15.57 0.12 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.94 0.11 0.00	20.88 0.19 0.00	21.08 0.41 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.08 0.37 0.00	20.25 0.32 0.00	20.04 0.31 0.00	20.23 0.30 0.00	20.57 0.26 0.00	26.07 0.31 0.00	30.03 0.41 0.00	27.27 0.19 0.00	23.69 0.17 0.00	20.04 0.14 0.00	18.73 0.15 0.00	16.20 0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.02 -0.27 0.00	16.19 -0.18 0.00	16.06 -0.26 0.00	15.26 -0.19 0.00	15.26 -0.22 0.00	15.99 -0.34 0.00	18.60 -0.23 0.00	19.90 -0.79 0.00	19.47 -1.20 0.00	19.09 -0.88 0.00	18.90 -0.93 0.00	18.80 -0.93 0.00	18.84 -0.87 0.00	19.06 -0.88 0.00	18.76 -0.97 0.00	18.94 -1.00 0.00	19.33 -0.97 0.00	25.22 -0.54 0.00	28.04 -1.57 0.00	25.75 -1.33 0.00	22.52 -1.01 0.00	18.96 -0.94 0.00	17.77 -0.82 0.00	15.39 -0.64 0.00
EMPIRE_CC_1 323656	18.83 0.53 0.00	16.88 0.51 0.00	16.84 0.52 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.84 0.51 0.00	19.39 0.56 0.00	21.48 0.79 0.00	21.43 0.77 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.36 0.63 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.69 0.76 0.00	21.10 0.79 0.00	26.68 0.93 0.00	30.74 1.12 0.00	28.08 1.00 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.29 0.71 0.00	16.62 0.59 0.00

EMPIRE_CC_2 323658	18.83 0.53 0.00	16.88 0.51 0.00	16.84 0.52 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.84 0.51 0.00	19.39 0.56 0.00	21.48 0.79 0.00	21.43 0.77 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.36 0.63 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.69 0.76 0.00	21.10 0.79 0.00	26.68 0.93 0.00	30.74 1.12 0.00	28.08 1.00 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.29 0.71 0.00	16.62 0.59 0.00
ENORWICH_115KV_TB1 80156	19.43 1.13 0.00	17.37 1.00 0.00	17.25 0.93 0.00	16.36 0.91 0.00	16.43 0.96 0.00	17.34 1.01 0.00	20.15 1.32 0.00	21.95 1.26 0.00	21.89 1.22 0.00	21.19 1.22 0.00	21.01 1.17 0.00	20.82 1.09 0.00	20.74 1.02 0.00	21.05 1.12 0.00	20.73 1.01 0.00	20.97 1.04 0.00	21.42 1.12 0.00	27.48 1.73 0.00	31.57 1.95 0.00	28.94 1.87 0.00	25.13 1.60 0.00	21.19 1.29 0.00	19.70 1.11 0.00	16.94 0.91 0.00
ERIE_ST__34_KV_TB1-2 80199	18.33 0.04 0.00	16.43 0.07 0.00	16.32 0.00 0.00	15.49 0.05 0.00	15.51 0.03 0.00	16.25 -0.08 0.00	18.92 0.09 0.00	20.30 -0.39 0.00	19.86 -0.81 0.00	19.45 -0.52 0.00	19.28 -0.56 0.00	19.16 -0.57 0.00	19.20 -0.51 0.00	19.44 -0.50 0.00	19.13 -0.59 0.00	19.30 -0.64 0.00	19.72 -0.59 0.00	25.70 -0.05 0.00	28.72 -0.89 0.00	26.37 -0.70 0.00	23.01 -0.52 0.00	19.36 -0.54 0.00	18.10 -0.48 0.00	15.67 -0.35 0.00
ERIE_WT_PWR 323693	18.17 -0.13 0.00	16.35 -0.02 0.00	16.19 -0.13 0.00	15.48 0.03 0.00	15.52 0.05 0.00	16.12 -0.21 0.00	18.75 -0.08 0.00	20.09 -0.60 0.00	19.68 -0.99 0.00	19.25 -0.72 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	19.00 -0.71 0.00	19.24 -0.70 0.00	18.91 -0.81 0.00	19.10 -0.84 0.00	19.49 -0.81 0.00	25.42 -0.34 0.00	28.34 -1.27 0.00	26.02 -1.06 0.00	22.73 -0.80 0.00	19.14 -0.76 0.00	17.90 -0.69 0.00	15.48 -0.54 0.00
ESPRGFLD_115KV_TB1 80157	18.97 0.68 0.00	16.97 0.61 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.05 0.57 0.00	16.93 0.60 0.00	19.58 0.75 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.81 0.84 0.00	20.69 0.85 0.00	20.58 0.85 0.00	20.50 0.79 0.00	20.77 0.84 0.00	20.53 0.81 0.00	20.75 0.82 0.00	21.16 0.85 0.00	26.89 1.13 0.00	30.91 1.30 0.00	28.32 1.25 0.00	24.61 1.08 0.00	20.79 0.90 0.00	19.40 0.82 0.00	16.70 0.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.66 0.37 0.00	16.70 0.33 0.00	16.62 0.29 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.66 0.33 0.00	19.26 0.43 0.00	21.08 0.39 0.00	21.00 0.33 0.00	20.33 0.36 0.00	20.15 0.32 0.00	20.03 0.30 0.00	20.01 0.30 0.00	20.25 0.32 0.00	20.00 0.28 0.00	20.23 0.30 0.00	20.63 0.32 0.00	26.35 0.59 0.00	30.20 0.59 0.00	27.67 0.60 0.00	24.02 0.49 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.28 0.26 0.00
ETNA_____115KV_TB2 80207	18.66 0.37 0.00	16.70 0.33 0.00	16.62 0.29 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.66 0.33 0.00	19.26 0.43 0.00	21.08 0.39 0.00	21.00 0.33 0.00	20.33 0.36 0.00	20.15 0.32 0.00	20.03 0.30 0.00	20.01 0.30 0.00	20.25 0.32 0.00	20.00 0.28 0.00	20.23 0.30 0.00	20.63 0.32 0.00	26.35 0.59 0.00	30.20 0.59 0.00	27.67 0.60 0.00	24.02 0.49 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.28 0.26 0.00
EUCLID__115KV_TB2 356179	18.11 -0.18 0.00	16.22 -0.15 0.00	16.16 -0.16 0.00	15.29 -0.15 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.40 -0.29 0.00	20.34 -0.33 0.00	19.69 -0.28 0.00	19.54 -0.30 0.00	19.44 -0.30 0.00	19.43 -0.28 0.00	19.66 -0.28 0.00	19.43 -0.30 0.00	19.62 -0.32 0.00	20.00 -0.30 0.00	25.47 -0.28 0.00	29.20 -0.41 0.00	26.72 -0.35 0.00	23.20 -0.33 0.00	19.60 -0.30 0.00	18.30 -0.28 0.00	15.80 -0.22 0.00
E_CANADA_CAP_HY 24051	18.42 0.13 0.00	16.57 0.20 0.00	16.48 0.16 0.00	15.58 0.14 0.00	15.61 0.14 0.00	16.51 0.18 0.00	19.21 0.38 0.00	21.23 0.54 0.00	21.16 0.50 0.00	20.33 0.36 0.00	20.08 0.24 0.00	19.97 0.24 0.00	19.89 0.18 0.00	20.19 0.26 0.00	20.00 0.28 0.00	20.33 0.40 0.00	20.83 0.53 0.00	26.37 0.62 0.00	30.62 1.01 0.00	27.97 0.89 0.00	24.14 0.61 0.00	20.40 0.50 0.00	18.97 0.39 0.00	16.25 0.22 0.00
E_CANADA_MHWK_HY 24050	18.94 0.64 0.00	16.96 0.59 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.05 0.57 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.43 0.74 0.00	21.41 0.74 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.44 0.71 0.00	20.42 0.71 0.00	20.65 0.72 0.00	20.41 0.69 0.00	20.65 0.72 0.00	21.02 0.71 0.00	26.66 0.90 0.00	30.59 0.98 0.00	27.97 0.89 0.00	24.28 0.75 0.00	20.58 0.68 0.00	19.22 0.63 0.00	16.56 0.53 0.00
E_FISHKILL__LBMP 23776	19.05 0.75 0.00	17.04 0.67 0.00	16.97 0.65 0.00	16.06 0.62 0.00	16.09 0.62 0.00	17.01 0.69 0.00	19.60 0.77 0.00	21.73 1.03 0.00	21.72 1.05 0.00	20.95 0.98 0.00	20.85 1.01 0.00	20.78 1.05 0.00	20.72 1.01 0.00	20.93 1.00 0.00	20.77 1.05 0.00	20.97 1.04 0.00	21.38 1.08 0.00	26.94 1.18 0.00	31.06 1.45 0.00	28.43 1.35 0.00	24.73 1.20 0.00	20.95 1.05 0.00	19.59 1.00 0.00	16.86 0.83 0.00
FALCON__SEABRD_CC1 323796	18.59 0.29 0.00	16.55 0.18 0.00	16.58 0.26 0.00	15.72 0.28 0.00	15.69 0.22 0.00	16.56 0.23 0.00	19.11 0.28 0.00	21.06 0.37 0.00	21.31 0.64 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.26 0.53 0.00	20.30 0.59 0.00	20.47 0.54 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.35 0.74 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.92 0.33 0.00	16.35 0.32 0.00
FALCON__SEABRD_CC2 323797	18.59 0.29 0.00	16.55 0.18 0.00	16.58 0.26 0.00	15.72 0.28 0.00	15.69 0.22 0.00	16.56 0.23 0.00	19.11 0.28 0.00	21.06 0.37 0.00	21.31 0.64 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.26 0.53 0.00	20.30 0.59 0.00	20.47 0.54 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.35 0.74 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.92 0.33 0.00	16.35 0.32 0.00
FAR ROCKAWAY__4 23548	19.63 1.34 0.00	17.58 1.21 0.00	17.42 1.09 0.00	16.54 1.10 0.00	16.57 1.10 0.00	17.55 1.22 0.00	20.26 1.43 0.00	22.47 1.78 0.00	22.53 1.86 0.00	21.77 1.80 0.00	22.49 1.75 -0.91	23.18 1.82 -1.64	24.80 1.75 -3.33	24.64 1.75 -2.95	24.79 1.77 -3.29	24.31 1.77 -2.61	25.39 1.81 -3.27	27.53 1.78 0.00	31.65 2.04 0.00	29.00 1.92 0.00	25.73 2.07 -0.13	25.28 1.79 -3.59	20.80 1.75 -0.47	17.52 1.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.19 0.90 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.19 1.26 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.17 1.42 0.00	31.30 1.69 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.21 0.91 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.19 1.26 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.17 1.42 0.00	31.30 1.69 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.07 1.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.19 0.90 0.00	17.17 0.80 0.00	17.11 0.78 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.93 1.26 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00
FARRAGUT___LBMP 323566	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.98 1.26 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
FENNER___WINDPWR 24204	18.57 0.27 0.00	16.61 0.25 0.00	16.55 0.23 0.00	15.68 0.23 0.00	15.72 0.25 0.00	16.59 0.26 0.00	19.17 0.34 0.00	20.98 0.29 0.00	20.93 0.27 0.00	20.25 0.28 0.00	20.09 0.26 0.00	19.97 0.24 0.00	19.93 0.22 0.00	20.17 0.24 0.00	19.94 0.22 0.00	20.15 0.22 0.00	20.55 0.24 0.00	26.17 0.41 0.00	30.06 0.44 0.00	27.51 0.43 0.00	23.88 0.35 0.00	20.18 0.28 0.00	18.82 0.24 0.00	16.22 0.19 0.00
FIBERTEK___ENERGY 23856	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
FITZPATRICK____ 23598	17.88 -0.42 0.00	15.99 -0.38 0.00	15.93 -0.39 0.00	15.09 -0.35 0.00	15.13 -0.34 0.00	15.95 -0.37 0.00	18.38 -0.45 0.00	20.09 -0.60 0.00	20.03 -0.64 0.00	19.39 -0.58 0.00	19.24 -0.59 0.00	19.14 -0.59 0.00	19.12 -0.59 0.00	19.34 -0.60 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.68 -0.63 0.00	25.06 -0.69 0.00	28.72 -0.89 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	25.05 1.63 -5.13	17.94 1.46 -0.11	17.66 1.32 -0.02	16.79 1.33 -0.02	16.89 1.33 -0.08	17.91 1.47 -0.11	23.64 1.75 -3.06	103.87 2.15 -81.03	89.39 2.17 -66.55	110.93 2.08 -88.88	163.97 2.00 -142.13	36.66 2.01 -14.91	32.44 1.95 -10.78	33.61 1.97 -11.71	33.65 1.99 -11.94	35.15 2.01 -13.20	51.29 2.09 -28.89	47.13 1.91 -19.47	159.70 2.10 -127.99	61.10 1.98 -32.04	33.68 2.33 -7.83	32.79 2.05 -10.84	32.14 2.04 -11.51	30.72 1.75 -12.95
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.19 0.90 0.00	17.17 0.80 0.00	17.09 0.77 0.00	16.17 0.73 0.00	16.20 0.73 0.00	17.15 0.82 0.00	19.75 0.92 0.00	21.85 1.16 0.00	21.85 1.18 0.00	21.09 1.12 0.00	20.99 1.15 0.00	20.94 1.20 0.00	20.85 1.14 0.00	21.05 1.12 0.00	20.89 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.67 1.60 0.00	24.92 1.39 0.00	21.13 1.23 0.00	19.74 1.15 0.00	16.99 0.96 0.00
FORT ORANGE____ 23900	18.63 0.33 0.00	16.73 0.36 0.00	16.68 0.36 0.00	15.75 0.31 0.00	15.78 0.31 0.00	16.69 0.36 0.00	19.24 0.41 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.41 0.44 0.00	20.25 0.42 0.00	20.16 0.43 0.00	20.16 0.45 0.00	20.39 0.46 0.00	20.21 0.49 0.00	20.45 0.52 0.00	20.86 0.55 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.16 0.64 0.00	20.44 0.54 0.00	19.12 0.54 0.00	16.46 0.43 0.00
FORT_DRUM_COGEN 23780	18.09 -0.20 0.00	16.16 -0.21 0.00	16.08 -0.24 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.15 -0.18 0.00	18.70 -0.13 0.00	20.40 -0.29 0.00	20.40 -0.27 0.00	19.69 -0.28 0.00	19.50 -0.34 0.00	19.34 -0.39 0.00	19.26 -0.45 0.00	19.50 -0.44 0.00	19.25 -0.47 0.00	19.52 -0.42 0.00	19.92 -0.39 0.00	25.42 -0.33 0.00	29.34 -0.27 0.00	26.86 -0.22 0.00	23.32 -0.21 0.00	19.70 -0.20 0.00	18.40 -0.19 0.00	15.85 -0.18 0.00
FPL_FAR_ROCK_GT1 24212	19.63 1.33 0.00	17.56 1.19 0.00	17.42 1.09 0.00	16.51 1.06 0.00	16.53 1.05 0.00	17.55 1.23 0.00	20.28 1.45 0.00	22.43 1.74 0.00	22.51 1.84 -0.01	21.76 1.78 -0.01	22.51 1.76 -0.91	23.20 1.84 -1.64	24.80 1.75 -3.33	24.64 1.75 -2.95	24.79 1.78 -3.29	24.31 1.77 -2.61	25.38 1.81 -3.27	27.53 1.78 0.00	31.65 2.04 0.00	29.00 1.92 0.00	25.73 2.07 -0.13	25.28 1.79 -3.59	20.80 1.75 -0.47	17.51 1.47 -0.01
FPL_FAR_ROCK_GT2 23815	19.63 1.33 0.00	17.56 1.19 0.00	17.42 1.09 0.00	16.51 1.06 0.00	16.53 1.05 0.00	17.55 1.23 0.00	20.28 1.45 0.00	22.43 1.74 0.00	22.51 1.84 -0.01	21.76 1.78 -0.01	22.51 1.76 -0.91	23.20 1.84 -1.64	24.80 1.75 -3.33	24.64 1.75 -2.95	24.79 1.78 -3.29	24.31 1.77 -2.61	25.38 1.81 -3.27	27.53 1.78 0.00	31.65 2.04 0.00	29.00 1.92 0.00	25.73 2.07 -0.13	25.28 1.79 -3.59	20.80 1.75 -0.47	17.51 1.47 -0.01
FRANKLIN_FALL_HYD 24054	18.46 0.16 0.00	16.42 0.05 0.00	16.44 0.11 0.00	15.58 0.14 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.16 0.50 0.00	20.43 0.46 0.00	20.31 0.48 0.00	20.11 0.37 0.00	20.14 0.43 0.00	20.31 0.38 0.00	20.10 0.37 0.00	20.29 0.36 0.00	20.61 0.30 0.00	26.07 0.31 0.00	30.11 0.50 0.00	27.32 0.24 0.00	23.76 0.24 0.00	20.08 0.18 0.00	18.77 0.19 0.00	16.20 0.18 0.00
FREEPORT_EQUS_GT1 23764	19.56 1.26 0.00	17.50 1.13 0.00	17.35 1.03 0.00	16.45 1.00 0.00	16.45 0.98 0.00	17.47 1.14 0.00	20.19 1.36 0.00	22.35 1.66 0.00	22.41 1.74 -0.01	21.64 1.66 -0.01	22.41 1.67 -0.91	23.08 1.72 -1.64	24.68 1.64 -3.33	24.52 1.63 -2.95	24.67 1.66 -3.29	24.21 1.67 -2.61	25.30 1.73 -3.27	27.41 1.65 0.00	31.48 1.87 0.00	28.83 1.76 0.00	25.63 1.98 -0.13	25.20 1.71 -3.59	20.75 1.69 -0.47	17.45 1.41 -0.01
FREEPORT___CT2 23818	19.56 1.26 0.00	17.50 1.13 0.00	17.35 1.03 0.00	16.45 1.00 0.00	16.45 0.98 0.00	17.47 1.14 0.00	20.19 1.36 0.00	22.35 1.66 0.00	22.41 1.74 -0.01	21.64 1.66 -0.01	22.41 1.67 -0.91	23.08 1.72 -1.64	24.68 1.64 -3.33	24.52 1.63 -2.95	24.67 1.66 -3.29	24.21 1.67 -2.61	25.30 1.73 -3.27	27.41 1.65 0.00	31.48 1.87 0.00	28.83 1.76 0.00	25.63 1.98 -0.13	25.20 1.71 -3.59	20.75 1.69 -0.47	17.45 1.41 -0.01



FRESHKLS_33_KV_LOAD 356253	19.19 0.90 0.00	17.11 0.74 0.00	17.07 0.75 0.00	16.19 0.74 0.00	16.20 0.73 0.00	17.03 0.70 0.00	19.53 0.70 0.00	21.60 0.91 0.00	21.70 1.03 0.00	20.95 0.98 0.00	20.95 1.11 0.00	20.94 1.20 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.85 1.12 0.00	21.01 1.08 0.00	21.42 1.12 0.00	26.99 1.24 0.00	31.12 1.51 0.00	28.54 1.46 0.00	24.73 1.20 0.00	21.03 1.13 0.00	19.75 1.17 0.00	17.04 1.01 0.00
FULTON COGEN____ 23766	18.04 -0.26 0.00	16.16 -0.21 0.00	16.09 -0.23 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.12 -0.21 0.00	18.57 -0.26 0.00	20.32 -0.37 0.00	20.25 -0.41 0.00	19.61 -0.36 0.00	19.48 -0.36 0.00	19.36 -0.37 0.00	19.34 -0.37 0.00	19.58 -0.36 0.00	19.33 -0.39 0.00	19.54 -0.40 0.00	19.90 -0.41 0.00	25.34 -0.41 0.00	29.08 -0.53 0.00	26.62 -0.46 0.00	23.11 -0.42 0.00	19.52 -0.38 0.00	18.23 -0.35 0.00	15.74 -0.29 0.00
FULTON____LFGE 323630	19.01 0.71 0.00	17.11 0.74 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.03 0.70 0.00	19.86 1.03 0.00	21.95 1.26 0.00	21.89 1.22 0.00	21.03 1.06 0.00	20.69 0.85 0.00	20.60 0.87 0.00	20.52 0.81 0.00	20.91 0.98 0.00	20.67 0.95 0.00	21.05 1.12 0.00	21.59 1.28 0.00	27.30 1.55 0.00	31.71 2.10 0.00	28.97 1.89 0.00	24.94 1.41 0.00	21.05 1.15 0.00	19.55 0.97 0.00	16.73 0.70 0.00
G.F.CEMENT____DRP 24184	18.92 0.62 0.00	16.97 0.61 0.00	16.89 0.57 0.00	15.97 0.53 0.00	16.00 0.53 0.00	16.88 0.56 0.00	19.58 0.75 0.00	21.66 0.97 0.00	21.64 0.97 0.00	20.85 0.88 0.00	20.71 0.87 0.00	20.60 0.87 0.00	20.54 0.83 0.00	20.81 0.88 0.00	20.57 0.85 0.00	20.81 0.88 0.00	21.26 0.95 0.00	26.92 1.16 0.00	31.12 1.51 0.00	28.43 1.35 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.38 0.80 0.00	16.65 0.63 0.00
GARDENVILLE____LBMP 24039	18.09 -0.20 0.00	16.25 -0.11 0.00	16.13 -0.20 0.00	15.31 -0.14 0.00	15.32 -0.15 0.00	16.05 -0.28 0.00	18.68 -0.15 0.00	20.01 -0.68 0.00	19.57 -1.10 0.00	19.17 -0.80 0.00	18.98 -0.85 0.00	18.88 -0.85 0.00	18.92 -0.79 0.00	19.16 -0.78 0.00	18.83 -0.89 0.00	19.02 -0.92 0.00	19.41 -0.89 0.00	25.32 -0.44 0.00	28.22 -1.39 0.00	25.91 -1.16 0.00	22.63 -0.89 0.00	19.06 -0.84 0.00	17.84 -0.74 0.00	15.45 -0.58 0.00
GARDNVLA_35_KV_LD 355827	18.19 -0.11 0.00	16.34 -0.03 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.40 -0.08 0.00	16.13 -0.20 0.00	18.77 -0.06 0.00	20.11 -0.58 0.00	19.65 -1.01 0.00	19.27 -0.70 0.00	19.10 -0.73 0.00	18.98 -0.75 0.00	19.02 -0.69 0.00	19.26 -0.68 0.00	18.95 -0.77 0.00	19.12 -0.82 0.00	19.54 -0.77 0.00	25.47 -0.28 0.00	28.37 -1.24 0.00	26.05 -1.03 0.00	22.75 -0.78 0.00	19.16 -0.74 0.00	17.93 -0.65 0.00	15.55 -0.48 0.00
GELCKHM__115KV_LOAD 80723	18.19 -0.11 0.00	16.27 -0.10 0.00	16.21 -0.11 0.00	15.34 -0.11 0.00	15.40 -0.08 0.00	16.25 -0.08 0.00	18.74 -0.09 0.00	20.48 -0.21 0.00	20.42 -0.25 0.00	19.77 -0.20 0.00	19.64 -0.20 0.00	19.53 -0.20 0.00	19.51 -0.20 0.00	19.76 -0.18 0.00	19.50 -0.22 0.00	19.72 -0.22 0.00	20.08 -0.22 0.00	25.58 -0.18 0.00	29.31 -0.30 0.00	26.86 -0.22 0.00	23.32 -0.21 0.00	19.70 -0.20 0.00	18.38 -0.20 0.00	15.87 -0.16 0.00
GENERAL____MILLS 23808	18.17 -0.13 0.00	16.30 -0.07 0.00	16.17 -0.15 0.00	15.37 -0.08 0.00	15.37 -0.11 0.00	16.10 -0.23 0.00	18.74 -0.09 0.00	20.07 -0.62 0.00	19.63 -1.03 0.00	19.23 -0.74 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	18.98 -0.73 0.00	19.22 -0.72 0.00	18.91 -0.81 0.00	19.08 -0.86 0.00	19.50 -0.81 0.00	25.42 -0.33 0.00	28.31 -1.30 0.00	25.99 -1.08 0.00	22.71 -0.82 0.00	19.12 -0.78 0.00	17.90 -0.69 0.00	15.51 -0.51 0.00
GE_PLASTICS____DRP 24183	18.66 0.37 0.00	16.73 0.36 0.00	16.70 0.38 0.00	15.78 0.34 0.00	15.82 0.34 0.00	16.69 0.36 0.00	19.26 0.43 0.00	21.27 0.58 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.20 0.47 0.00	20.20 0.49 0.00	20.43 0.50 0.00	20.25 0.53 0.00	20.47 0.54 0.00	20.88 0.57 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.16 0.64 0.00	20.46 0.56 0.00	19.12 0.54 0.00	16.48 0.45 0.00
GILBOA____1 23756	18.75 0.46 0.00	16.79 0.42 0.00	16.80 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.92 0.84 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.18 0.59 0.00	16.52 0.50 0.00
GILBOA____2 23757	18.75 0.46 0.00	16.79 0.42 0.00	16.80 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.92 0.84 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.18 0.59 0.00	16.52 0.50 0.00
GILBOA____3 23758	18.75 0.46 0.00	16.79 0.42 0.00	16.80 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.92 0.84 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.18 0.59 0.00	16.52 0.50 0.00
GILBOA____4 23759	18.75 0.46 0.00	16.79 0.42 0.00	16.80 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.92 0.84 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.18 0.59 0.00	16.52 0.50 0.00
GILBOA____ 23599	18.75 0.46 0.00	16.79 0.43 0.00	16.79 0.47 0.00	15.89 0.45 0.00	15.92 0.45 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.33 0.64 0.00	21.29 0.62 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.55 0.62 0.00	20.96 0.65 0.00	26.50 0.75 0.00	30.53 0.92 0.00	27.91 0.84 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.18 0.59 0.00	16.52 0.50 0.00
GINNA____ 23603	18.37 0.07 0.00	16.43 0.07 0.00	16.32 0.00 0.00	15.52 0.08 0.00	15.58 0.11 0.00	16.39 0.07 0.00	18.92 0.09 0.00	20.61 -0.08 0.00	20.48 -0.19 0.00	19.91 -0.06 0.00	19.76 -0.08 0.00	19.67 -0.06 0.00	19.67 -0.04 0.00	19.87 -0.06 0.00	19.60 -0.12 0.00	19.82 -0.12 0.00	20.21 -0.10 0.00	25.94 0.18 0.00	29.55 -0.06 0.00	27.08 0.00 0.00	23.41 -0.12 0.00	19.80 -0.10 0.00	18.47 -0.11 0.00	15.92 -0.11 0.00

GLEN PARK____ 23778	18.13 -0.16 0.00	16.19 -0.18 0.00	16.08 -0.24 0.00	15.24 -0.20 0.00	15.31 -0.17 0.00	16.17 -0.16 0.00	18.74 -0.09 0.00	20.42 -0.27 0.00	20.42 -0.25 0.00	19.71 -0.26 0.00	19.52 -0.32 0.00	19.34 -0.39 0.00	19.26 -0.45 0.00	19.50 -0.44 0.00	19.25 -0.47 0.00	19.52 -0.42 0.00	19.94 -0.36 0.00	25.47 -0.28 0.00	29.40 -0.21 0.00	26.94 -0.13 0.00	23.37 -0.16 0.00	19.76 -0.14 0.00	18.43 -0.15 0.00	15.88 -0.14 0.00
GLENDALE_27_KV_LOAD 356172	19.28 0.99 0.00	17.22 0.85 0.00	17.17 0.85 0.00	16.29 0.85 0.00	16.33 0.85 0.00	17.18 0.85 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.95 1.28 0.00	21.21 1.24 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.03 1.32 0.00	21.23 1.30 0.00	21.06 1.34 0.00	21.23 1.30 0.00	21.65 1.34 0.00	27.25 1.49 0.00	31.39 1.78 0.00	28.78 1.71 0.00	24.99 1.46 0.00	21.23 1.33 0.00	19.88 1.30 0.00	17.15 1.12 0.00
GLENWOOD_IC_1_G5 23712	19.39 1.10 0.00	17.35 0.98 0.00	17.24 0.91 0.00	16.34 0.90 0.00	16.37 0.90 0.00	17.32 1.00 0.00	20.00 1.17 0.00	22.18 1.49 0.00	22.22 1.55 0.00	21.45 1.48 0.00	22.23 1.49 -0.91	22.93 1.56 -1.64	24.52 1.48 -3.33	24.36 1.48 -2.95	24.51 1.50 -3.29	24.06 1.52 -2.61	25.12 1.54 -3.27	27.33 1.57 0.00	31.45 1.84 0.00	28.81 1.73 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.50 1.45 -0.47	17.25 1.22 0.00
GLENWOOD_IC_2_G1 23688	19.28 0.99 0.00	17.25 0.88 0.00	17.15 0.83 0.00	16.23 0.79 0.00	16.25 0.77 0.00	17.24 0.91 0.00	19.88 1.05 0.00	22.04 1.34 0.00	22.06 1.38 -0.01	21.32 1.34 -0.01	22.11 1.37 -0.91	22.79 1.42 -1.64	24.40 1.36 -3.33	24.24 1.36 -2.95	24.39 1.38 -3.29	23.91 1.37 -2.61	25.00 1.42 -3.27	27.22 1.47 0.00	31.33 1.72 0.00	28.70 1.62 0.00	25.26 1.60 -0.13	24.88 1.39 -3.59	20.39 1.34 -0.47	17.16 1.12 -0.01
GLENWOOD_IC_3_G1 23689	19.28 0.99 0.00	17.25 0.88 0.00	17.15 0.83 0.00	16.23 0.79 0.00	16.25 0.77 0.00	17.24 0.91 0.00	19.88 1.05 0.00	22.04 1.34 0.00	22.06 1.38 -0.01	21.32 1.34 -0.01	22.11 1.37 -0.91	22.79 1.42 -1.64	24.40 1.36 -3.33	24.24 1.36 -2.95	24.39 1.38 -3.29	23.91 1.37 -2.61	25.00 1.42 -3.27	27.22 1.47 0.00	31.33 1.72 0.00	28.70 1.62 0.00	25.26 1.60 -0.13	24.88 1.39 -3.59	20.39 1.34 -0.47	17.16 1.12 -0.01
GLENWOOD____4 23550	19.39 1.10 0.00	17.35 0.98 0.00	17.24 0.91 0.00	16.34 0.90 0.00	16.37 0.90 0.00	17.32 1.00 0.00	20.00 1.17 0.00	22.18 1.49 0.00	22.22 1.55 0.00	21.45 1.48 0.00	22.23 1.49 -0.91	22.93 1.56 -1.64	24.52 1.48 -3.33	24.36 1.48 -2.95	24.51 1.50 -3.29	24.06 1.52 -2.61	25.12 1.54 -3.27	27.33 1.57 0.00	31.45 1.84 0.00	28.81 1.73 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.50 1.45 -0.47	17.25 1.22 0.00
GLENWOOD____5 23614	19.39 1.10 0.00	17.35 0.98 0.00	17.24 0.91 0.00	16.34 0.90 0.00	16.37 0.90 0.00	17.32 1.00 0.00	20.00 1.17 0.00	22.18 1.49 0.00	22.22 1.55 0.00	21.45 1.48 0.00	22.23 1.49 -0.91	22.93 1.56 -1.64	24.52 1.48 -3.33	24.36 1.48 -2.95	24.51 1.50 -3.29	24.06 1.52 -2.61	25.12 1.54 -3.27	27.33 1.57 0.00	31.45 1.84 0.00	28.81 1.73 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.50 1.45 -0.47	17.25 1.22 0.00
GLOBAL GREEN_PORT_GT1 23814	25.39 2.32 -4.77	18.56 2.11 -0.08	18.31 1.97 -0.01	17.38 1.93 -0.01	17.44 1.90 -0.06	18.52 2.11 -0.08	24.17 2.50 -2.84	99.29 2.90 -75.70	85.91 3.06 -62.18	105.98 2.96 -83.05	155.66 2.92 -132.91	49.81 2.96 -27.12	32.96 2.94 -10.31	34.04 2.95 -11.15	34.03 2.96 -11.35	35.41 2.99 -12.49	50.62 3.13 -27.19	47.26 3.32 -18.18	152.93 3.73 -119.59	60.47 3.47 -29.92	34.47 3.60 -7.34	40.32 3.02 -17.39	32.23 2.88 -10.77	30.52 2.40 -12.09
GLOBE____DSASP 323697	17.42 -0.88 0.00	15.75 -0.62 0.00	15.52 -0.80 0.00	14.75 -0.70 0.00	14.75 -0.73 0.00	15.45 -0.88 0.00	17.96 -0.87 0.00	19.16 -1.53 0.00	18.72 -1.94 0.00	18.37 -1.60 0.00	18.19 -1.65 0.00	18.09 -1.64 0.00	18.13 -1.58 0.00	18.36 -1.57 0.00	18.07 -1.66 0.00	18.22 -1.71 0.00	18.62 -1.69 0.00	24.29 -1.47 0.00	26.92 -2.69 0.00	24.72 -2.36 0.00	21.62 -1.91 0.00	18.25 -1.65 0.00	17.12 -1.47 0.00	14.86 -1.17 0.00
GOETHSLN____LBMP 323567	19.08 0.79 0.00	17.09 0.72 0.00	17.04 0.72 0.00	16.12 0.68 0.00	16.16 0.68 0.00	17.10 0.77 0.00	19.66 0.83 0.00	21.81 1.12 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.03 1.19 0.00	20.99 1.26 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.11 1.18 0.00	21.53 1.22 0.00	27.02 1.26 0.00	31.12 1.51 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.11 1.21 0.00	19.75 1.17 0.00	16.99 0.96 0.00
GOLAH____69_KV_TB 1_2 80279	18.20 -0.09 0.00	16.30 -0.07 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.77 -0.06 0.00	20.30 -0.39 0.00	20.11 -0.56 0.00	19.61 -0.36 0.00	19.40 -0.44 0.00	19.30 -0.43 0.00	19.30 -0.41 0.00	19.56 -0.38 0.00	19.27 -0.45 0.00	19.46 -0.48 0.00	19.84 -0.47 0.00	25.60 -0.15 0.00	28.99 -0.62 0.00	26.59 -0.49 0.00	23.06 -0.47 0.00	19.46 -0.44 0.00	18.19 -0.39 0.00	15.72 -0.30 0.00
GOODYEAR_LAKE_HYD 323669	18.92 0.62 0.00	16.93 0.56 0.00	16.86 0.54 0.00	15.97 0.53 0.00	16.02 0.54 0.00	16.88 0.56 0.00	19.53 0.70 0.00	21.46 0.77 0.00	21.45 0.79 0.00	20.75 0.78 0.00	20.61 0.77 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.69 0.76 0.00	21.10 0.79 0.00	26.76 1.00 0.00	30.80 1.18 0.00	28.19 1.11 0.00	24.52 0.99 0.00	20.71 0.82 0.00	19.33 0.74 0.00	16.64 0.61 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.52 0.22 0.00	16.58 0.21 0.00	16.52 0.20 0.00	15.63 0.19 0.00	15.68 0.20 0.00	16.51 0.18 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.77 0.10 0.00	20.13 0.16 0.00	19.98 0.14 0.00	19.87 0.14 0.00	19.85 0.14 0.00	20.09 0.16 0.00	19.84 0.12 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.88 0.27 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.73 0.15 0.00	16.16 0.13 0.00
GOUDEY____7 23579	18.53 0.24 0.00	16.58 0.21 0.00	16.52 0.20 0.00	15.65 0.20 0.00	15.69 0.22 0.00	16.52 0.20 0.00	19.13 0.30 0.00	20.92 0.23 0.00	20.77 0.10 0.00	20.15 0.18 0.00	20.00 0.16 0.00	19.87 0.14 0.00	19.87 0.16 0.00	20.11 0.18 0.00	19.86 0.14 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.14 0.39 0.00	29.88 0.27 0.00	27.40 0.32 0.00	23.81 0.28 0.00	20.08 0.18 0.00	18.73 0.15 0.00	16.17 0.14 0.00
GOUDEY____8 23580	18.52 0.22 0.00	16.58 0.21 0.00	16.52 0.20 0.00	15.63 0.19 0.00	15.68 0.20 0.00	16.51 0.18 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.77 0.10 0.00	20.13 0.16 0.00	19.98 0.14 0.00	19.87 0.14 0.00	19.85 0.14 0.00	20.09 0.16 0.00	19.84 0.12 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.88 0.27 0.00	27.37 0.30 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.73 0.15 0.00	16.16 0.13 0.00

GOWANUS_GT1_1 24077	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_2 24078	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_3 24079	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_4 24080	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_5 24084	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_6 24111	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_7 24112	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT1_8 24113	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_1 24114	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_2 24115	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_3 24116	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_4 24117	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_5 24118	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_6 24119	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT2_7 24120	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00

GOWANUS_GT2_8 24121	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_1 24122	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_2 24123	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_3 24124	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_4 24125	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_5 24126	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_6 24127	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_7 24128	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT3_8 24129	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_1 24130	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_2 24131	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_3 24132	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_4 24133	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_5 24134	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_6 24135	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00

GOWANUS_GT4_7 24136	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GOWANUS_GT4_8 24137	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GREENBSH_115KV_TB3 55895	18.55 0.26 0.00	16.66 0.29 0.00	16.63 0.31 0.00	15.72 0.28 0.00	15.75 0.28 0.00	16.62 0.29 0.00	19.19 0.36 0.00	21.21 0.52 0.00	21.16 0.50 0.00	20.35 0.38 0.00	20.21 0.38 0.00	20.11 0.37 0.00	20.11 0.39 0.00	20.35 0.42 0.00	20.18 0.45 0.00	20.39 0.46 0.00	20.79 0.49 0.00	26.30 0.54 0.00	30.32 0.71 0.00	27.70 0.62 0.00	24.07 0.54 0.00	20.38 0.48 0.00	19.05 0.46 0.00	16.41 0.38 0.00
GREENDGE_115KV_TB5 80291	18.55 0.26 0.00	16.60 0.23 0.00	16.50 0.18 0.00	15.63 0.19 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.19 0.36 0.00	20.90 0.21 0.00	20.73 0.06 0.00	20.15 0.18 0.00	19.96 0.12 0.00	19.83 0.10 0.00	19.83 0.12 0.00	20.07 0.14 0.00	19.78 0.06 0.00	19.99 0.06 0.00	20.41 0.10 0.00	26.25 0.49 0.00	29.88 0.27 0.00	27.40 0.32 0.00	23.79 0.26 0.00	20.02 0.12 0.00	18.66 0.07 0.00	16.09 0.06 0.00
GREENIDGE___3 23582	18.55 0.26 0.00	16.60 0.23 0.00	16.50 0.18 0.00	15.63 0.19 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.19 0.36 0.00	20.90 0.21 0.00	20.73 0.06 0.00	20.15 0.18 0.00	19.96 0.12 0.00	19.83 0.10 0.00	19.83 0.12 0.00	20.07 0.14 0.00	19.78 0.06 0.00	19.99 0.06 0.00	20.41 0.10 0.00	26.25 0.49 0.00	29.88 0.27 0.00	27.40 0.32 0.00	23.79 0.26 0.00	20.02 0.12 0.00	18.66 0.07 0.00	16.09 0.06 0.00
GREENIDGE___4 23583	18.55 0.26 0.00	16.61 0.25 0.00	16.50 0.18 0.00	15.68 0.23 0.00	15.75 0.28 0.00	16.54 0.21 0.00	19.19 0.36 0.00	20.90 0.21 0.00	20.73 0.06 0.00	20.15 0.18 0.00	19.96 0.12 0.00	19.83 0.10 0.00	19.83 0.12 0.00	20.08 0.14 0.00	19.78 0.06 0.00	19.99 0.06 0.00	20.41 0.10 0.00	26.24 0.49 0.00	29.88 0.27 0.00	27.40 0.33 0.00	23.79 0.26 0.00	20.00 0.10 0.00	18.66 0.07 0.00	16.08 0.05 0.00
GREENLWN_69_KV_BK 3 55738	19.41 1.26 0.15	17.45 1.10 0.02	17.21 0.90 0.00	16.35 0.91 0.00	16.39 0.93 0.02	17.44 1.13 0.02	20.15 1.41 0.09	20.31 1.76 2.14	20.65 1.74 1.76	19.25 1.62 2.34	18.58 1.53 2.78	19.55 1.52 1.70	24.34 1.48 -3.15	24.14 1.48 -2.73	24.31 1.54 -3.05	23.80 1.55 -2.31	24.50 1.60 -2.59	26.52 1.29 0.52	27.72 1.48 3.37	27.60 1.38 0.85	25.23 1.76 0.06	23.26 1.59 -1.77	20.39 1.64 -0.17	17.09 1.41 0.35
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00
GRISSOM___SOLAR 323813	19.01 0.71 0.00	17.11 0.74 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.03 0.70 0.00	19.86 1.03 0.00	21.95 1.26 0.00	21.89 1.22 0.00	21.03 1.06 0.00	20.69 0.85 0.00	20.60 0.87 0.00	20.52 0.81 0.00	20.91 0.98 0.00	20.67 0.95 0.00	21.05 1.12 0.00	21.59 1.28 0.00	27.30 1.55 0.00	31.71 2.10 0.00	28.97 1.89 0.00	24.94 1.41 0.00	21.05 1.15 0.00	19.55 0.97 0.00	16.73 0.70 0.00
GROVEVILLE___HYD 323602	19.19 0.90 0.00	17.17 0.80 0.00	17.09 0.77 0.00	16.17 0.73 0.00	16.20 0.73 0.00	17.15 0.82 0.00	19.75 0.92 0.00	21.85 1.16 0.00	21.85 1.18 0.00	21.09 1.12 0.00	20.99 1.15 0.00	20.94 1.20 0.00	20.85 1.14 0.00	21.05 1.12 0.00	20.89 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.67 1.60 0.00	24.92 1.39 0.00	21.13 1.23 0.00	19.74 1.15 0.00	16.99 0.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
HAMLTNNY_34_KV_TB 80303	18.41 0.11 0.00	16.47 0.10 0.00	16.39 0.07 0.00	15.52 0.08 0.00	15.57 0.09 0.00	16.43 0.10 0.00	18.98 0.15 0.00	20.75 0.06 0.00	20.67 0.00 0.00	20.05 0.08 0.00	19.90 0.06 0.00	19.79 0.06 0.00	19.77 0.06 0.00	20.01 0.08 0.00	19.74 0.02 0.00	19.95 0.02 0.00	20.33 0.02 0.00	25.94 0.18 0.00	29.73 0.12 0.00	27.24 0.16 0.00	23.62 0.09 0.00	19.94 0.04 0.00	18.60 0.02 0.00	16.04 0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.25 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.85 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	18.81 0.51 0.00	16.84 0.47 0.00	16.80 0.47 0.00	15.89 0.45 0.00	15.92 0.45 0.00	16.82 0.49 0.00	19.41 0.58 0.00	21.31 0.62 0.00	21.29 0.62 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.55 0.62 0.00	20.29 0.57 0.00	20.53 0.60 0.00	20.90 0.59 0.00	26.48 0.72 0.00	30.38 0.77 0.00	27.75 0.68 0.00	24.09 0.56 0.00	20.42 0.52 0.00	19.07 0.48 0.00	16.43 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.14 0.67 0.00	17.08 0.75 0.00	19.70 0.87 0.00	21.79 1.10 0.00	21.76 1.10 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.07 1.31 0.00	31.24 1.63 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.05 1.15 0.00	19.66 1.08 0.00	16.94 0.91 0.00

HARSNRAD_115KV_TB1 81005	17.82 -0.48 0.00	15.98 -0.39 0.00	15.90 -0.42 0.00	15.09 -0.36 0.00	15.10 -0.37 0.00	15.82 -0.51 0.00	18.38 -0.45 0.00	19.62 -1.08 0.00	19.18 -1.49 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.07 -1.24 0.00	24.86 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.71 0.00	22.16 -1.36 0.00	18.69 -1.21 0.00	17.51 -1.08 0.00	15.18 -0.85 0.00
HARZA MOOSE__RIVER 24016	18.41 0.11 0.00	16.45 0.08 0.00	16.37 0.05 0.00	15.51 0.06 0.00	15.55 0.08 0.00	16.43 0.10 0.00	19.00 0.17 0.00	20.79 0.10 0.00	20.79 0.12 0.00	20.09 0.12 0.00	19.94 0.10 0.00	19.77 0.04 0.00	19.71 0.00 0.00	19.95 0.02 0.00	19.72 0.00 0.00	19.97 0.04 0.00	20.37 0.06 0.00	25.89 0.13 0.00	29.82 0.21 0.00	27.29 0.22 0.00	23.69 0.16 0.00	20.04 0.14 0.00	18.69 0.11 0.00	16.11 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.20 -0.09 0.00	16.29 -0.08 0.00	16.22 -0.10 0.00	15.35 -0.09 0.00	15.40 -0.08 0.00	16.25 -0.08 0.00	18.75 -0.08 0.00	20.50 -0.19 0.00	20.42 -0.25 0.00	19.79 -0.18 0.00	19.66 -0.18 0.00	19.53 -0.20 0.00	19.53 -0.18 0.00	19.76 -0.18 0.00	19.52 -0.20 0.00	19.74 -0.20 0.00	20.10 -0.20 0.00	25.60 -0.15 0.00	29.34 -0.27 0.00	26.89 -0.19 0.00	23.34 -0.19 0.00	19.70 -0.20 0.00	18.40 -0.19 0.00	15.87 -0.16 0.00
HELLGATE_13_KV_LD 55870	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.26 0.82 0.00	16.28 0.80 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.81 1.23 0.00	17.08 1.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.26 0.82 0.00	16.28 0.80 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.13 1.23 0.00	19.81 1.23 0.00	17.08 1.06 0.00
HEMPSTEAD____ 23647	19.39 1.10 0.00	17.35 0.98 0.00	17.22 0.90 0.00	16.31 0.86 0.00	16.33 0.85 0.00	17.34 1.01 0.00	20.02 1.19 0.00	22.16 1.47 0.00	22.23 1.55 -0.01	21.46 1.48 -0.01	22.23 1.49 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.45 -2.95	24.51 1.50 -3.29	24.04 1.50 -2.61	25.12 1.54 -3.27	27.20 1.44 0.00	31.27 1.66 0.00	28.65 1.57 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.54 1.49 -0.47	17.29 1.25 -0.01
HEWLETT__69_KV_BK3 55828	19.56 1.26 0.00	17.51 1.15 0.00	17.35 1.03 0.00	16.48 1.03 0.00	16.51 1.04 0.00	17.47 1.14 0.00	20.19 1.36 0.00	22.39 1.70 0.00	22.44 1.78 0.00	21.67 1.70 0.00	22.41 1.67 -0.91	23.09 1.72 -1.64	24.70 1.66 -3.33	24.54 1.65 -2.95	24.69 1.68 -3.29	24.21 1.67 -2.61	25.28 1.71 -3.27	27.40 1.65 0.00	31.51 1.90 0.00	28.86 1.79 0.00	25.61 1.95 -0.13	25.18 1.69 -3.59	20.73 1.67 -0.47	17.44 1.41 0.00
HICKLING__1 23621	18.53 0.24 0.00	16.60 0.23 0.00	16.52 0.20 0.00	15.65 0.20 0.00	15.71 0.23 0.00	16.51 0.18 0.00	19.17 0.34 0.00	20.86 0.17 0.00	20.63 -0.04 0.00	20.07 0.10 0.00	19.90 0.06 0.00	19.77 0.04 0.00	19.77 0.06 0.00	20.01 0.08 0.00	19.72 0.00 0.00	19.91 -0.02 0.00	20.33 0.02 0.00	26.17 0.41 0.00	29.73 0.12 0.00	27.27 0.19 0.00	23.74 0.21 0.00	19.94 0.04 0.00	18.60 0.02 0.00	16.06 0.03 0.00
HICKLING__2 23622	18.53 0.24 0.00	16.60 0.23 0.00	16.52 0.20 0.00	15.65 0.20 0.00	15.71 0.23 0.00	16.51 0.18 0.00	19.17 0.34 0.00	20.86 0.17 0.00	20.63 -0.04 0.00	20.07 0.10 0.00	19.90 0.06 0.00	19.77 0.04 0.00	19.77 0.06 0.00	20.01 0.08 0.00	19.72 0.00 0.00	19.91 -0.02 0.00	20.33 0.02 0.00	26.17 0.41 0.00	29.73 0.12 0.00	27.27 0.19 0.00	23.74 0.21 0.00	19.94 0.04 0.00	18.60 0.02 0.00	16.06 0.03 0.00
HIGH FALLS__HY 23754	19.27 0.97 0.00	17.22 0.85 0.00	17.12 0.80 0.00	16.22 0.77 0.00	16.23 0.76 0.00	17.19 0.87 0.00	19.81 0.98 0.00	21.89 1.20 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.01 1.17 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.89 1.16 0.00	21.13 1.20 0.00	21.55 1.24 0.00	27.25 1.49 0.00	31.42 1.81 0.00	28.78 1.71 0.00	25.01 1.48 0.00	21.21 1.31 0.00	19.79 1.21 0.00	17.05 1.03 0.00
HILLBURN__GT 23639	19.12 0.82 0.00	17.11 0.74 0.00	17.04 0.72 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.08 0.75 0.00	19.71 0.89 0.00	21.83 1.14 0.00	21.80 1.14 0.00	21.07 1.10 0.00	20.99 1.15 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.07 1.31 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.92 1.39 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
HILLSIDE_115KV_TB1 80332	18.35 0.05 0.00	16.45 0.08 0.00	16.37 0.05 0.00	15.51 0.06 0.00	15.55 0.08 0.00	16.35 0.02 0.00	18.98 0.15 0.00	20.67 -0.02 0.00	20.44 -0.23 0.00	19.87 -0.10 0.00	19.70 -0.14 0.00	19.59 -0.14 0.00	19.59 -0.12 0.00	19.83 -0.10 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.15 -0.16 0.00	25.89 0.13 0.00	29.46 -0.15 0.00	27.02 -0.05 0.00	23.53 0.00 0.00	19.78 -0.12 0.00	18.45 -0.13 0.00	15.93 -0.10 0.00
HISHELDN_WT_PWR 323625	18.11 -0.18 0.00	16.30 -0.07 0.00	16.16 -0.16 0.00	15.41 -0.03 0.00	15.48 0.00 0.00	16.10 -0.23 0.00	18.70 -0.13 0.00	20.11 -0.58 0.00	19.72 -0.95 0.00	19.27 -0.70 0.00	19.08 -0.75 0.00	18.98 -0.75 0.00	19.00 -0.71 0.00	19.24 -0.70 0.00	18.93 -0.79 0.00	19.10 -0.84 0.00	19.49 -0.81 0.00	25.37 -0.39 0.00	28.37 -1.24 0.00	26.05 -1.03 0.00	22.75 -0.78 0.00	19.14 -0.76 0.00	17.90 -0.69 0.00	15.47 -0.56 0.00
HOLTSVILLE_IC_1 23690	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
HOLTSVILLE_IC_10 23699	24.50 1.70 -4.51	17.99 1.54 -0.08	17.77 1.44 -0.01	16.86 1.41 -0.01	16.91 1.38 -0.06	17.97 1.55 -0.08	23.34 1.83 -2.69	94.28 2.17 -71.42	81.61 2.27 -58.66	100.50 2.18 -78.35	147.40 2.14 -125.42	47.57 2.17 -25.67	31.71 2.09 -9.91	32.69 2.07 -10.68	32.73 2.11 -10.90	34.00 2.13 -11.93	48.36 2.21 -25.84	45.02 2.11 -17.15	144.74 2.31 -112.82	57.50 2.19 -28.24	32.98 2.52 -6.93	38.69 2.17 -16.62	30.91 2.14 -10.19	29.25 1.81 -11.41

HOLTSVILLE_IC_2 23691	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
HOLTSVILLE_IC_3 23692	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
HOLTSVILLE_IC_4 23693	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
HOLTSVILLE_IC_5 23694	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
HOLTSVILLE_IC_6 23695	24.50 1.70 -4.51	17.99 1.54 -0.08	17.77 1.44 -0.01	16.86 1.41 -0.01	16.91 1.38 -0.06	17.97 1.55 -0.08	23.34 1.83 -2.69	94.28 2.17 -71.42	81.61 2.27 -58.66	100.50 2.18 -78.35	147.40 2.14 -125.42	47.57 2.17 -25.67	31.71 2.09 -9.91	32.69 2.07 -10.68	32.73 2.11 -10.90	34.00 2.13 -11.93	48.36 2.21 -25.84	45.02 2.11 -17.15	144.74 2.31 -112.82	57.50 2.19 -28.24	32.98 2.52 -6.93	38.69 2.17 -16.62	30.91 2.14 -10.19	29.25 1.81 -11.41
HOLTSVILLE_IC_7 23696	24.50 1.70 -4.51	17.99 1.54 -0.08	17.77 1.44 -0.01	16.86 1.41 -0.01	16.91 1.38 -0.06	17.97 1.55 -0.08	23.34 1.83 -2.69	94.28 2.17 -71.42	81.61 2.27 -58.66	100.50 2.18 -78.35	147.40 2.14 -125.42	47.57 2.17 -25.67	31.71 2.09 -9.91	32.69 2.07 -10.68	32.73 2.11 -10.90	34.00 2.13 -11.93	48.36 2.21 -25.84	45.02 2.11 -17.15	144.74 2.31 -112.82	57.50 2.19 -28.24	32.98 2.52 -6.93	38.69 2.17 -16.62	30.91 2.14 -10.19	29.25 1.81 -11.41
HOLTSVILLE_IC_8 23697	24.50 1.70 -4.51	17.99 1.54 -0.08	17.77 1.44 -0.01	16.86 1.41 -0.01	16.91 1.38 -0.06	17.97 1.55 -0.08	23.34 1.83 -2.69	94.28 2.17 -71.42	81.61 2.27 -58.66	100.50 2.18 -78.35	147.40 2.14 -125.42	47.57 2.17 -25.67	31.71 2.09 -9.91	32.69 2.07 -10.68	32.73 2.11 -10.90	34.00 2.13 -11.93	48.36 2.21 -25.84	45.02 2.11 -17.15	144.74 2.31 -112.82	57.50 2.19 -28.24	32.98 2.52 -6.93	38.69 2.17 -16.62	30.91 2.14 -10.19	29.25 1.81 -11.41
HOLTSVILLE_IC_9 23698	24.50 1.70 -4.51	17.99 1.54 -0.08	17.77 1.44 -0.01	16.86 1.41 -0.01	16.91 1.38 -0.06	17.97 1.55 -0.08	23.34 1.83 -2.69	94.28 2.17 -71.42	81.61 2.27 -58.66	100.50 2.18 -78.35	147.40 2.14 -125.42	47.57 2.17 -25.67	31.71 2.09 -9.91	32.69 2.07 -10.68	32.73 2.11 -10.90	34.00 2.13 -11.93	48.36 2.21 -25.84	45.02 2.11 -17.15	144.74 2.31 -112.82	57.50 2.19 -28.24	32.98 2.52 -6.93	38.69 2.17 -16.62	30.91 2.14 -10.19	29.25 1.81 -11.41
HOMER_HL_115KV_TB2 355744	18.35 0.05 0.00	16.47 0.10 0.00	16.34 0.02 0.00	15.52 0.08 0.00	15.54 0.06 0.00	16.28 -0.05 0.00	19.02 0.19 0.00	20.50 -0.19 0.00	20.03 -0.64 0.00	19.59 -0.38 0.00	19.40 -0.44 0.00	19.30 -0.43 0.00	19.32 -0.39 0.00	19.54 -0.40 0.00	19.23 -0.49 0.00	19.40 -0.54 0.00	19.82 -0.49 0.00	25.81 0.05 0.00	29.02 -0.59 0.00	26.67 -0.41 0.00	23.27 -0.26 0.00	19.48 -0.42 0.00	18.17 -0.41 0.00	15.74 -0.29 0.00
HOWARD_WT_PWR 323690	18.64 0.35 0.00	16.73 0.36 0.00	16.60 0.28 0.00	15.80 0.36 0.00	15.88 0.40 0.00	16.59 0.26 0.00	19.28 0.45 0.00	20.88 0.19 0.00	20.58 -0.08 0.00	20.07 0.10 0.00	19.86 0.02 0.00	19.71 -0.02 0.00	19.71 0.00 0.00	19.95 0.02 0.00	19.64 -0.08 0.00	19.84 -0.10 0.00	20.23 -0.08 0.00	26.19 0.44 0.00	29.58 -0.03 0.00	27.16 0.08 0.00	23.65 0.12 0.00	19.84 -0.06 0.00	18.51 -0.07 0.00	15.96 -0.06 0.00
HQ_GEN_CEDARS 23644	18.19 -0.11 0.00	16.20 -0.16 0.00	16.19 -0.13 0.00	15.34 -0.11 0.00	15.32 -0.15 0.00	16.17 -0.16 0.00	18.64 -0.19 0.00	20.50 -0.19 0.00	20.63 -0.04 0.00	19.93 -0.04 0.00	19.80 -0.04 0.00	19.65 -0.08 0.00	19.65 -0.06 0.00	19.85 -0.08 0.00	19.64 -0.08 0.00	19.85 -0.08 0.00	20.17 -0.14 0.00	25.50 -0.26 0.00	29.40 -0.21 0.00	26.80 -0.27 0.00	23.32 -0.21 0.00	19.72 -0.18 0.00	18.45 -0.13 0.00	15.93 -0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	18.19 -0.11 0.00	16.20 -0.16 0.00	16.19 -0.13 0.00	15.34 -0.11 0.00	15.32 -0.15 0.00	16.17 -0.16 0.00	18.64 -0.19 0.00	20.50 -0.19 0.00	20.63 -0.04 0.00	19.93 -0.04 0.00	19.80 -0.04 0.00	19.65 -0.08 0.00	19.65 -0.06 0.00	19.86 -0.08 0.00	19.64 -0.08 0.00	19.86 -0.08 0.00	20.17 -0.14 0.00	25.50 -0.26 0.00	29.40 -0.21 0.00	26.80 -0.27 0.00	23.32 -0.21 0.00	19.72 -0.18 0.00	18.45 -0.13 0.00	15.96 -0.06 0.00
HQ_GEN_IMPORT 323601	18.17 -0.13 0.00	16.22 -0.15 0.00	16.19 -0.13 0.00	15.32 -0.12 0.00	15.34 -0.14 0.00	16.20 -0.13 0.00	18.68 -0.15 0.00	20.52 -0.17 0.00	20.54 -0.12 0.00	19.85 -0.12 0.00	19.72 -0.12 0.00	19.61 -0.12 0.00	19.59 -0.12 0.00	19.82 -0.12 0.00	19.60 -0.12 0.00	19.82 -0.12 0.00	20.17 -0.14 0.00	25.55 -0.21 0.00	29.40 -0.21 0.00	26.86 -0.22 0.00	23.34 -0.19 0.00	19.74 -0.16 0.00	18.45 -0.13 0.00	15.92 -0.11 0.00
HQ_GEN_WHEEL 23651	18.17 -0.13 0.00	16.22 -0.15 0.00	16.19 -0.13 0.00	15.32 -0.12 0.00	15.34 -0.14 0.00	16.20 -0.13 0.00	18.68 -0.15 0.00	20.52 -0.17 0.00	20.54 -0.12 0.00	19.85 -0.12 0.00	19.72 -0.12 0.00	19.61 -0.12 0.00	19.59 -0.12 0.00	19.82 -0.12 0.00	19.60 -0.12 0.00	19.82 -0.12 0.00	20.17 -0.14 0.00	25.55 -0.21 0.00	29.40 -0.21 0.00	26.86 -0.22 0.00	23.34 -0.19 0.00	19.74 -0.16 0.00	18.45 -0.13 0.00	15.92 -0.11 0.00
HUDSON_AVE_GT_3 23810	19.21 0.91 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.18 0.85 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.21 1.24 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.19 1.26 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.63 1.32 0.00	27.17 1.42 0.00	31.30 1.69 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00

HUDSON AVE_GT_4 23540	19.21 0.91 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.18 0.85 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.21 1.24 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.19 1.26 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.63 1.32 0.00	27.17 1.42 0.00	31.30 1.69 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00
HUDSON AVE_GT_5 23657	19.21 0.91 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.18 0.85 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.21 1.24 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.19 1.26 0.00	21.00 1.28 0.00	21.21 1.28 0.00	21.63 1.32 0.00	27.17 1.42 0.00	31.30 1.69 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00
HUDSON_AVE_10 24168	19.11 0.82 0.01	17.08 0.72 0.01	17.03 0.72 0.01	16.12 0.68 0.00	16.15 0.68 0.01	17.09 0.77 0.01	19.68 0.85 0.00	21.83 1.14 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.03 1.19 0.00	20.97 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.91 1.18 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.04 1.29 0.00	31.15 1.54 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.08 1.19 0.02	19.79 1.21 0.00	17.02 0.99 0.00
HUDSON___115KV_TB 4 355613	18.79 0.49 0.00	16.88 0.51 0.00	16.81 0.49 0.00	15.91 0.46 0.00	15.94 0.46 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.46 0.77 0.00	21.39 0.72 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.30 0.57 0.00	20.28 0.57 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.59 0.66 0.00	21.02 0.71 0.00	26.66 0.90 0.00	30.77 1.15 0.00	28.10 1.03 0.00	24.35 0.82 0.00	20.62 0.72 0.00	19.27 0.69 0.00	16.59 0.56 0.00
HUNTER MOUNT___DRP 323613	18.81 0.51 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.91 0.46 0.00	15.94 0.46 0.00	16.83 0.51 0.00	19.45 0.62 0.00	21.46 0.77 0.00	21.37 0.70 0.00	20.55 0.58 0.00	20.39 0.56 0.00	20.28 0.55 0.00	20.24 0.53 0.00	20.49 0.56 0.00	20.29 0.57 0.00	20.55 0.62 0.00	20.98 0.67 0.00	26.68 0.93 0.00	30.82 1.21 0.00	28.13 1.06 0.00	24.35 0.82 0.00	20.62 0.72 0.00	19.25 0.67 0.00	16.60 0.58 0.00
HUNTINGTON_RES_REC 323705	18.92 1.43 0.80	17.58 1.26 0.05	17.40 1.09 0.01	16.50 1.06 0.01	16.48 1.05 0.05	17.55 1.27 0.05	19.92 1.58 0.49	10.38 1.86 12.17	12.57 1.90 10.00	8.43 1.80 13.34	1.37 1.75 20.21	19.08 1.76 2.41	23.68 1.71 -2.25	23.32 1.71 -1.67	23.44 1.75 -1.96	22.69 1.77 -0.98	21.51 1.81 0.60	24.40 1.60 2.95	12.18 1.78 19.21	23.92 1.68 4.84	24.61 2.07 0.99	23.05 1.81 -1.34	19.20 1.84 1.22	15.63 1.57 1.97
HUNTLEY___63 23557	17.93 -0.37 0.00	16.14 -0.23 0.00	15.98 -0.34 0.00	15.18 -0.26 0.00	15.18 -0.29 0.00	15.90 -0.42 0.00	18.49 -0.34 0.00	19.76 -0.93 0.00	19.32 -1.34 0.00	18.95 -1.02 0.00	18.77 -1.07 0.00	18.67 -1.07 0.00	18.71 -1.01 0.00	18.94 -1.00 0.00	18.64 -1.08 0.00	18.80 -1.14 0.00	19.21 -1.10 0.00	25.06 -0.70 0.00	27.83 -1.78 0.00	25.56 -1.52 0.00	22.33 -1.20 0.00	18.84 -1.05 0.00	17.64 -0.95 0.00	15.29 -0.74 0.00
HUNTLEY___64 23558	17.93 -0.37 0.00	16.14 -0.23 0.00	15.98 -0.34 0.00	15.18 -0.26 0.00	15.18 -0.29 0.00	15.90 -0.42 0.00	18.49 -0.34 0.00	19.76 -0.93 0.00	19.32 -1.34 0.00	18.95 -1.02 0.00	18.77 -1.07 0.00	18.67 -1.07 0.00	18.71 -1.01 0.00	18.94 -1.00 0.00	18.64 -1.08 0.00	18.80 -1.14 0.00	19.21 -1.10 0.00	25.06 -0.70 0.00	27.83 -1.78 0.00	25.56 -1.52 0.00	22.33 -1.20 0.00	18.84 -1.05 0.00	17.64 -0.95 0.00	15.29 -0.74 0.00
HUNTLEY___65 23559	17.93 -0.37 0.00	16.14 -0.23 0.00	15.98 -0.34 0.00	15.18 -0.26 0.00	15.18 -0.29 0.00	15.90 -0.42 0.00	18.49 -0.34 0.00	19.76 -0.93 0.00	19.32 -1.34 0.00	18.95 -1.02 0.00	18.77 -1.07 0.00	18.67 -1.07 0.00	18.71 -1.01 0.00	18.94 -1.00 0.00	18.64 -1.08 0.00	18.80 -1.14 0.00	19.21 -1.10 0.00	25.06 -0.70 0.00	27.83 -1.78 0.00	25.56 -1.52 0.00	22.33 -1.20 0.00	18.84 -1.05 0.00	17.64 -0.95 0.00	15.29 -0.74 0.00
HUNTLEY___66 23560	17.93 -0.37 0.00	16.14 -0.23 0.00	15.98 -0.34 0.00	15.18 -0.26 0.00	15.18 -0.29 0.00	15.90 -0.42 0.00	18.49 -0.34 0.00	19.76 -0.93 0.00	19.32 -1.34 0.00	18.95 -1.02 0.00	18.77 -1.07 0.00	18.67 -1.07 0.00	18.71 -1.01 0.00	18.94 -1.00 0.00	18.64 -1.08 0.00	18.80 -1.14 0.00	19.21 -1.10 0.00	25.06 -0.70 0.00	27.83 -1.78 0.00	25.56 -1.52 0.00	22.33 -1.20 0.00	18.84 -1.05 0.00	17.64 -0.95 0.00	15.29 -0.74 0.00
HUNTLEY___67 23561	17.89 -0.40 0.00	16.07 -0.29 0.00	15.96 -0.36 0.00	15.15 -0.29 0.00	15.17 -0.31 0.00	15.87 -0.46 0.00	18.47 -0.36 0.00	19.74 -0.95 0.00	19.32 -1.34 0.00	18.93 -1.04 0.00	18.77 -1.07 0.00	18.65 -1.09 0.00	18.69 -1.02 0.00	18.92 -1.02 0.00	18.62 -1.10 0.00	18.78 -1.16 0.00	19.19 -1.12 0.00	25.01 -0.75 0.00	27.80 -1.81 0.00	25.53 -1.54 0.00	22.33 -1.20 0.00	18.80 -1.09 0.00	17.62 -0.97 0.00	15.29 -0.74 0.00
HUNTLEY___68 23562	17.89 -0.40 0.00	16.07 -0.29 0.00	15.96 -0.36 0.00	15.15 -0.29 0.00	15.17 -0.31 0.00	15.87 -0.46 0.00	18.47 -0.36 0.00	19.74 -0.95 0.00	19.32 -1.34 0.00	18.93 -1.04 0.00	18.77 -1.07 0.00	18.65 -1.09 0.00	18.69 -1.02 0.00	18.92 -1.02 0.00	18.62 -1.10 0.00	18.78 -1.16 0.00	19.19 -1.12 0.00	25.01 -0.75 0.00	27.80 -1.81 0.00	25.53 -1.54 0.00	22.33 -1.20 0.00	18.80 -1.09 0.00	17.62 -0.97 0.00	15.29 -0.74 0.00
HYLAND___LFGE 323620	18.83 0.53 0.00	16.83 0.46 0.00	16.68 0.36 0.00	15.89 0.45 0.00	15.98 0.51 0.00	16.74 0.41 0.00	19.39 0.56 0.00	21.06 0.37 0.00	20.79 0.12 0.00	20.11 0.14 0.00	19.80 -0.04 0.00	19.59 -0.14 0.00	19.61 -0.10 0.00	19.84 -0.10 0.00	19.56 -0.16 0.00	19.84 -0.10 0.00	20.33 0.02 0.00	26.50 0.75 0.00	30.29 0.68 0.00	27.81 0.73 0.00	24.00 0.47 0.00	20.24 0.34 0.00	18.82 0.24 0.00	16.20 0.18 0.00
INDECK___CORINTH 23802	18.81 0.51 0.00	16.88 0.51 0.00	16.80 0.47 0.00	15.86 0.42 0.00	15.89 0.42 0.00	16.79 0.46 0.00	19.47 0.64 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.73 0.76 0.00	20.57 0.73 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.71 0.78 0.00	21.14 0.83 0.00	26.76 1.00 0.00	30.94 1.33 0.00	28.27 1.19 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.56 0.53 0.00
INDECK___ILION 23567	18.63 0.33 0.00	16.66 0.29 0.00	16.62 0.29 0.00	15.72 0.28 0.00	15.75 0.28 0.00	16.64 0.31 0.00	19.19 0.36 0.00	21.06 0.37 0.00	21.04 0.37 0.00	20.35 0.38 0.00	20.19 0.36 0.00	20.09 0.36 0.00	20.05 0.34 0.00	20.29 0.36 0.00	20.08 0.35 0.00	20.29 0.36 0.00	20.67 0.37 0.00	26.22 0.46 0.00	30.11 0.50 0.00	27.54 0.46 0.00	23.93 0.40 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.30 0.27 0.00



INDECK___OLEAN 23982	18.35 0.06 0.00	16.50 0.13 0.00	16.34 0.02 0.00	15.60 0.15 0.00	15.65 0.17 0.00	16.28 -0.05 0.00	19.04 0.21 0.00	20.50 -0.19 0.00	20.05 -0.62 0.00	19.59 -0.38 0.00	19.40 -0.44 0.00	19.30 -0.43 0.00	19.32 -0.39 0.00	19.54 -0.40 0.00	19.23 -0.49 0.00	19.40 -0.54 0.00	19.82 -0.49 0.00	25.81 0.05 0.00	29.02 -0.59 0.00	26.67 -0.41 0.00	23.27 -0.26 0.00	19.48 -0.42 0.00	18.19 -0.39 0.00	15.72 -0.31 0.00
INDECK___OSWEGO 23783	17.91 -0.39 0.00	16.04 -0.33 0.00	15.98 -0.34 0.00	15.12 -0.33 0.00	15.17 -0.31 0.00	16.00 -0.33 0.00	18.43 -0.40 0.00	20.15 -0.54 0.00	20.09 -0.58 0.00	19.43 -0.54 0.00	19.30 -0.53 0.00	19.18 -0.55 0.00	19.16 -0.55 0.00	19.40 -0.54 0.00	19.17 -0.55 0.00	19.36 -0.58 0.00	19.72 -0.59 0.00	25.11 -0.64 0.00	28.81 -0.80 0.00	26.37 -0.70 0.00	22.92 -0.61 0.00	19.36 -0.54 0.00	18.08 -0.50 0.00	15.61 -0.42 0.00
INDECK___YERKES 23781	17.95 -0.35 0.00	16.19 -0.18 0.00	16.00 -0.33 0.00	15.29 -0.15 0.00	15.35 -0.12 0.00	15.92 -0.41 0.00	18.51 -0.32 0.00	19.78 -0.91 0.00	19.37 -1.30 0.00	18.97 -1.00 0.00	18.78 -1.05 0.00	18.69 -1.05 0.00	18.73 -0.98 0.00	18.96 -0.98 0.00	18.66 -1.07 0.00	18.82 -1.12 0.00	19.21 -1.10 0.00	25.09 -0.67 0.00	27.86 -1.75 0.00	25.59 -1.49 0.00	22.35 -1.18 0.00	18.84 -1.06 0.00	17.64 -0.95 0.00	15.26 -0.77 0.00
INDIAN POINT_GT_1 24139	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.06 0.73 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.49 1.18 0.00	27.04 1.29 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
INDIAN POINT_GT_2 23659	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.06 0.73 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.49 1.18 0.00	27.04 1.29 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
INDIAN POINT_GT_3 24019	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.06 0.73 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.49 1.18 0.00	27.04 1.29 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
INDIAN POINT___2 23530	19.10 0.80 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.08 0.63 0.00	16.11 0.63 0.00	17.06 0.74 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.05 1.08 0.00	20.95 1.11 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.07 1.14 0.00	21.46 1.16 0.00	27.04 1.29 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.87 1.34 0.00	21.05 1.15 0.00	19.68 1.10 0.00	16.92 0.90 0.00
INDIAN POINT___3 23531	19.10 0.81 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.06 0.73 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.80 1.14 0.00	21.03 1.06 0.00	20.95 1.11 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.05 1.12 0.00	21.47 1.16 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.05 1.15 0.00	19.68 1.10 0.00	16.92 0.90 0.00
INGHAM_C_115KV_TB7 356103	18.94 0.64 0.00	16.96 0.59 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.03 0.56 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.44 0.74 0.00	21.41 0.74 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.44 0.71 0.00	20.42 0.71 0.00	20.65 0.72 0.00	20.41 0.69 0.00	20.65 0.72 0.00	21.02 0.71 0.00	26.66 0.90 0.00	30.59 0.98 0.00	27.97 0.89 0.00	24.28 0.75 0.00	20.58 0.68 0.00	19.22 0.63 0.00	16.57 0.54 0.00
IP CORINTH___1 23988	18.81 0.51 0.00	16.88 0.51 0.00	16.79 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.79 0.46 0.00	19.47 0.64 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.73 0.76 0.00	20.59 0.75 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.71 0.78 0.00	21.14 0.83 0.00	26.76 1.00 0.00	30.94 1.33 0.00	28.27 1.19 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.56 0.53 0.00
IP___TICONDEROGA 23804	19.41 1.12 0.00	17.47 1.10 0.00	17.33 1.01 0.00	16.39 0.94 0.00	16.42 0.94 0.00	17.31 0.98 0.00	20.19 1.36 0.00	22.33 1.63 0.00	22.34 1.67 0.00	21.57 1.60 0.00	21.38 1.55 0.00	21.25 1.52 0.00	21.07 1.36 0.00	21.35 1.42 0.00	21.04 1.32 0.00	21.31 1.38 0.00	21.77 1.46 0.00	27.59 1.83 0.00	31.98 2.37 0.00	29.21 2.14 0.00	25.32 1.79 0.00	21.39 1.49 0.00	19.90 1.32 0.00	17.07 1.04 0.00
ISLIP_RES_REC 323679	24.20 1.77 -4.13	18.05 1.61 -0.08	17.82 1.49 -0.01	16.92 1.47 -0.01	16.97 1.44 -0.06	18.02 1.62 -0.08	23.21 1.92 -2.46	88.37 2.26 -65.42	76.76 2.36 -53.74	94.02 2.28 -71.77	137.05 2.24 -114.97	45.65 2.27 -23.65	31.26 2.19 -9.36	32.16 2.19 -10.03	32.19 2.21 -10.26	33.32 2.23 -11.15	46.59 2.33 -23.95	43.74 2.27 -15.71	135.45 2.49 -103.35	55.27 2.33 -25.87	32.54 2.66 -6.36	37.69 2.27 -15.53	30.19 2.23 -9.37	28.35 1.87 -10.45
JAMAICA__27_KV_LOAD 355505	19.15 0.86 0.01	17.13 0.77 0.01	17.06 0.75 0.01	16.17 0.73 0.00	16.19 0.73 0.01	17.12 0.80 0.01	19.73 0.90 0.00	21.91 1.22 0.00	21.97 1.30 0.00	21.21 1.24 0.00	21.07 1.23 0.00	21.01 1.28 0.00	20.91 1.20 0.00	21.11 1.18 0.00	20.94 1.22 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.10 1.34 0.00	31.21 1.60 0.00	28.67 1.60 0.00	24.92 1.39 0.00	21.14 1.25 0.02	19.87 1.28 0.00	17.07 1.04 0.00
JANIS___SOLAR 323808	19.03 0.73 0.00	17.02 0.66 0.00	16.93 0.60 0.00	16.05 0.60 0.00	16.12 0.65 0.00	16.98 0.65 0.00	19.70 0.87 0.00	21.50 0.81 0.00	21.41 0.74 0.00	20.71 0.74 0.00	20.51 0.67 0.00	20.32 0.59 0.00	20.30 0.59 0.00	20.57 0.64 0.00	20.27 0.55 0.00	20.53 0.60 0.00	20.98 0.67 0.00	26.89 1.13 0.00	30.85 1.24 0.00	28.32 1.25 0.00	24.56 1.03 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.59 0.56 0.00
JARVIS____ 23743	18.37 0.07 0.00	16.43 0.07 0.00	16.39 0.07 0.00	15.51 0.06 0.00	15.54 0.06 0.00	16.39 0.07 0.00	18.91 0.08 0.00	20.77 0.08 0.00	20.75 0.08 0.00	20.05 0.08 0.00	19.90 0.06 0.00	19.81 0.08 0.00	19.77 0.06 0.00	19.99 0.06 0.00	19.78 0.06 0.00	20.01 0.08 0.00	20.39 0.08 0.00	25.83 0.08 0.00	29.70 0.09 0.00	27.16 0.08 0.00	23.60 0.07 0.00	19.98 0.08 0.00	18.64 0.06 0.00	16.08 0.05 0.00

JENNISON___1 23625	19.14 0.84 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.19 0.71 0.00	17.06 0.73 0.00	19.81 0.98 0.00	21.62 0.93 0.00	21.56 0.89 0.00	20.89 0.92 0.00	20.71 0.87 0.00	20.56 0.83 0.00	20.50 0.79 0.00	20.79 0.86 0.00	20.49 0.77 0.00	20.73 0.80 0.00	21.16 0.85 0.00	27.04 1.29 0.00	31.03 1.42 0.00	28.46 1.38 0.00	24.73 1.20 0.00	20.85 0.96 0.00	19.44 0.85 0.00	16.72 0.69 0.00
JENNISON___2 23626	19.14 0.84 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.19 0.71 0.00	17.06 0.73 0.00	19.81 0.98 0.00	21.62 0.93 0.00	21.56 0.89 0.00	20.89 0.92 0.00	20.71 0.87 0.00	20.56 0.83 0.00	20.50 0.79 0.00	20.79 0.86 0.00	20.49 0.77 0.00	20.73 0.80 0.00	21.16 0.85 0.00	27.04 1.29 0.00	31.03 1.42 0.00	28.46 1.38 0.00	24.73 1.20 0.00	20.85 0.96 0.00	19.44 0.85 0.00	16.72 0.69 0.00
JERICHO_RISE_WT_PWR 323719	18.37 0.07 0.00	16.37 0.00 0.00	16.39 0.07 0.00	15.54 0.09 0.00	15.52 0.05 0.00	16.38 0.05 0.00	18.91 0.08 0.00	20.84 0.15 0.00	21.04 0.37 0.00	20.33 0.36 0.00	20.19 0.36 0.00	20.03 0.30 0.00	20.05 0.33 0.00	20.21 0.28 0.00	20.00 0.28 0.00	20.19 0.26 0.00	20.53 0.22 0.00	26.01 0.26 0.00	29.97 0.36 0.00	27.21 0.14 0.00	23.65 0.12 0.00	20.00 0.10 0.00	18.70 0.11 0.00	16.17 0.14 0.00
KATONAH___115KV_46KV_TB4 355592	19.23 0.93 0.00	17.22 0.85 0.00	17.12 0.80 0.00	16.22 0.77 0.00	16.23 0.76 0.00	17.15 0.82 0.00	19.77 0.94 0.00	21.97 1.28 0.00	22.01 1.34 0.00	21.25 1.28 0.00	21.13 1.29 0.00	21.07 1.34 0.00	21.01 1.30 0.00	21.21 1.28 0.00	21.04 1.32 0.00	21.25 1.32 0.00	21.63 1.32 0.00	27.28 1.52 0.00	31.45 1.84 0.00	28.84 1.76 0.00	25.03 1.51 0.00	21.23 1.33 0.00	19.81 1.23 0.00	17.00 0.98 0.00
KCE_NY_1 323755	18.97 0.68 0.00	17.01 0.64 0.00	16.94 0.62 0.00	16.00 0.56 0.00	16.03 0.56 0.00	16.93 0.60 0.00	19.60 0.77 0.00	21.66 0.97 0.00	21.62 0.95 0.00	20.83 0.86 0.00	20.67 0.83 0.00	20.60 0.87 0.00	20.56 0.85 0.00	20.81 0.88 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.26 0.95 0.00	26.92 1.16 0.00	31.06 1.45 0.00	28.40 1.33 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.42 0.84 0.00	16.70 0.67 0.00
KCE_NY_6_ESR 323823	18.17 -0.13 0.00	16.35 -0.02 0.00	16.19 -0.13 0.00	15.48 0.03 0.00	15.52 0.05 0.00	16.12 -0.21 0.00	18.75 -0.08 0.00	20.09 -0.60 0.00	19.68 -0.99 0.00	19.25 -0.72 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	19.00 -0.71 0.00	19.24 -0.70 0.00	18.91 -0.81 0.00	19.10 -0.84 0.00	19.49 -0.81 0.00	25.42 -0.34 0.00	28.34 -1.27 0.00	26.02 -1.06 0.00	22.73 -0.80 0.00	19.14 -0.76 0.00	17.90 -0.69 0.00	15.48 -0.54 0.00
KEDC_PORT_JEFF_GT2 24210	24.82 1.66 -4.86	17.97 1.50 -0.09	17.72 1.39 -0.01	16.82 1.36 -0.01	16.89 1.35 -0.07	17.94 1.52 -0.09	23.54 1.81 -2.90	99.87 2.13 -77.05	86.12 2.17 -63.29	106.57 2.08 -84.52	157.11 2.04 -135.23	49.34 2.05 -27.56	32.13 1.99 -10.43	33.20 1.97 -11.29	33.21 1.99 -11.50	34.62 2.01 -12.67	49.98 2.05 -27.62	46.14 1.88 -18.51	153.39 2.07 -121.71	59.49 1.95 -30.46	33.30 2.31 -7.46	39.60 2.05 -17.65	31.60 2.06 -10.96	30.10 1.76 -12.31
KEDC_PORT_JEFF_GT3 24211	24.82 1.66 -4.86	17.97 1.50 -0.09	17.72 1.39 -0.01	16.82 1.36 -0.01	16.89 1.35 -0.07	17.94 1.52 -0.09	23.54 1.81 -2.90	99.87 2.13 -77.05	86.12 2.17 -63.29	106.57 2.08 -84.52	157.11 2.04 -135.23	49.34 2.05 -27.56	32.13 1.99 -10.43	33.20 1.97 -11.29	33.21 1.99 -11.50	34.62 2.01 -12.67	49.98 2.05 -27.62	46.14 1.88 -18.51	153.39 2.07 -121.71	59.49 1.95 -30.46	33.30 2.31 -7.46	39.60 2.05 -17.65	31.60 2.06 -10.96	30.10 1.76 -12.31
KEDC_GLWD_GT4 24219	19.39 1.10 0.00	17.33 0.97 0.00	17.24 0.91 0.00	16.31 0.86 0.00	16.33 0.85 0.00	17.32 1.00 0.00	20.00 1.17 0.00	22.14 1.45 0.00	22.18 1.51 -0.01	21.44 1.46 -0.01	22.23 1.49 -0.91	22.91 1.54 -1.64	24.52 1.48 -3.33	24.36 1.48 -2.95	24.51 1.50 -3.29	24.04 1.50 -2.61	25.12 1.54 -3.27	27.33 1.57 0.00	31.45 1.84 0.00	28.81 1.73 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.50 1.45 -0.47	17.25 1.22 -0.01
KEDC_GLWD_GT5 24220	19.39 1.10 0.00	17.33 0.97 0.00	17.24 0.91 0.00	16.31 0.86 0.00	16.33 0.85 0.00	17.32 1.00 0.00	20.00 1.17 0.00	22.14 1.45 0.00	22.18 1.51 -0.01	21.44 1.46 -0.01	22.23 1.49 -0.91	22.91 1.54 -1.64	24.52 1.48 -3.33	24.36 1.48 -2.95	24.51 1.50 -3.29	24.04 1.50 -2.61	25.12 1.54 -3.27	27.33 1.57 0.00	31.45 1.84 0.00	28.81 1.73 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.50 1.45 -0.47	17.25 1.22 -0.01
KENSICO____ 23655	19.14 0.84 0.00	17.14 0.77 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.11 0.78 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.01 1.17 0.00	20.95 1.22 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.53 1.22 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.92 1.39 0.00	21.11 1.21 0.00	19.74 1.15 0.00	16.97 0.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.27 0.97 0.00	17.22 0.85 0.00	17.12 0.80 0.00	16.22 0.77 0.00	16.23 0.76 0.00	17.19 0.87 0.00	19.81 0.98 0.00	21.89 1.20 0.00	21.87 1.20 0.00	21.11 1.14 0.00	20.99 1.15 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.03 1.10 0.00	20.87 1.14 0.00	21.13 1.20 0.00	21.55 1.24 0.00	27.25 1.49 0.00	31.45 1.84 0.00	28.78 1.71 0.00	25.01 1.48 0.00	21.19 1.29 0.00	19.79 1.21 0.00	17.05 1.03 0.00
KIAC_JFK_GT1 23816	19.11 0.82 0.01	17.10 0.74 0.01	17.03 0.72 0.01	16.14 0.70 0.00	16.16 0.70 0.01	17.09 0.77 0.01	19.70 0.87 0.00	21.85 1.16 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.03 1.19 0.00	20.97 1.24 0.00	20.85 1.14 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.08 1.19 0.02	19.83 1.25 0.00	17.02 0.99 0.00
KIAC_JFK_GT2 23817	19.11 0.82 0.01	17.10 0.74 0.01	17.03 0.72 0.01	16.14 0.70 0.00	16.16 0.70 0.01	17.09 0.77 0.01	19.70 0.87 0.00	21.85 1.16 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.03 1.19 0.00	20.97 1.24 0.00	20.85 1.14 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.08 1.19 0.02	19.83 1.25 0.00	17.02 0.99 0.00
KIAC_JFK____ 323774	19.11 0.82 0.01	17.08 0.72 0.01	17.03 0.72 0.01	16.09 0.65 0.00	16.12 0.65 0.01	17.09 0.77 0.01	19.71 0.89 0.00	21.85 1.16 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.03 1.19 0.00	20.98 1.24 0.00	20.85 1.14 0.00	21.07 1.14 0.00	20.88 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.02 1.26 0.00	31.15 1.54 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.08 1.19 0.02	19.83 1.25 0.00	17.02 0.99 0.00

KINTIGH____ 23543	17.82 -0.48 0.00	15.99 -0.38 0.00	15.88 -0.44 0.00	15.07 -0.37 0.00	15.09 -0.39 0.00	15.79 -0.54 0.00	18.34 -0.49 0.00	19.68 -1.01 0.00	19.30 -1.36 0.00	18.91 -1.06 0.00	18.73 -1.11 0.00	18.63 -1.10 0.00	18.65 -1.06 0.00	18.86 -1.08 0.00	18.58 -1.14 0.00	18.76 -1.18 0.00	19.15 -1.16 0.00	24.91 -0.85 0.00	27.77 -1.84 0.00	25.48 -1.60 0.00	22.26 -1.27 0.00	18.76 -1.13 0.00	17.58 -1.00 0.00	15.24 -0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.59 0.29 0.00	16.52 0.15 0.00	16.55 0.23 0.00	15.69 0.25 0.00	15.66 0.19 0.00	16.52 0.20 0.00	19.09 0.26 0.00	21.02 0.33 0.00	21.33 0.66 0.00	20.59 0.62 0.00	20.45 0.61 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.38 0.77 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.90 0.32 0.00	16.32 0.29 0.00
LACHUTE__HYDRO 323717	19.41 1.12 0.00	17.45 1.08 0.00	17.33 1.01 0.00	16.37 0.93 0.00	16.40 0.93 0.00	17.31 0.98 0.00	20.19 1.36 0.00	22.33 1.63 0.00	22.34 1.67 0.00	21.57 1.60 0.00	21.34 1.51 0.00	21.25 1.52 0.00	21.07 1.36 0.00	21.35 1.42 0.00	21.04 1.32 0.00	21.31 1.37 0.00	21.77 1.46 0.00	27.59 1.83 0.00	31.98 2.37 0.00	29.21 2.14 0.00	25.32 1.79 0.00	21.39 1.49 0.00	19.90 1.32 0.00	17.07 1.04 0.00
LAWRNCV_115KV_TB1 80681	18.13 -0.16 0.00	16.14 -0.23 0.00	16.13 -0.20 0.00	15.27 -0.17 0.00	15.27 -0.20 0.00	16.10 -0.23 0.00	18.60 -0.23 0.00	20.44 -0.25 0.00	20.60 -0.06 0.00	19.89 -0.08 0.00	19.76 -0.08 0.00	19.59 -0.14 0.00	19.59 -0.12 0.00	19.80 -0.14 0.00	19.58 -0.14 0.00	19.78 -0.16 0.00	20.06 -0.24 0.00	25.29 -0.46 0.00	29.20 -0.41 0.00	26.62 -0.46 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.36 -0.22 0.00	15.90 -0.13 0.00
LEDERLE____ 23769	19.17 0.88 0.00	17.14 0.77 0.00	17.07 0.75 0.00	16.16 0.71 0.00	16.19 0.71 0.00	17.11 0.78 0.00	19.75 0.92 0.00	21.87 1.18 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.03 1.19 0.00	20.97 1.24 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.55 1.24 0.00	27.15 1.39 0.00	31.33 1.72 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.13 1.23 0.00	19.75 1.17 0.00	16.99 0.96 0.00
LIGHTHSE_115KV_TB6 355974	18.06 -0.24 0.00	16.16 -0.21 0.00	16.08 -0.24 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.13 -0.20 0.00	18.62 -0.21 0.00	20.36 -0.33 0.00	20.27 -0.39 0.00	19.61 -0.36 0.00	19.46 -0.38 0.00	19.34 -0.39 0.00	19.28 -0.43 0.00	19.52 -0.42 0.00	19.27 -0.45 0.00	19.48 -0.46 0.00	19.86 -0.45 0.00	25.32 -0.44 0.00	29.08 -0.53 0.00	26.64 -0.43 0.00	23.13 -0.40 0.00	19.56 -0.34 0.00	18.29 -0.30 0.00	15.77 -0.26 0.00
LINDEN COGEN____ 23786	19.08 0.79 0.00	17.07 0.70 0.00	17.02 0.70 0.00	16.08 0.63 0.00	16.11 0.63 0.00	17.08 0.75 0.00	19.66 0.83 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.11 1.14 0.00	21.03 1.19 0.00	20.98 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.90 1.18 0.00	21.11 1.18 0.00	21.51 1.20 0.00	26.99 1.24 0.00	31.09 1.48 0.00	28.56 1.49 0.00	24.87 1.34 0.00	21.11 1.21 0.00	19.75 1.17 0.00	16.97 0.95 0.00
LINDHRST_69_KV_BK1 356055	20.20 1.48 -0.42	17.72 1.34 -0.01	17.55 1.22 0.00	16.68 1.24 0.00	16.72 1.24 0.00	17.67 1.34 -0.01	20.66 1.58 -0.25	29.39 1.97 -6.73	28.26 2.07 -5.53	29.31 1.96 -7.38	34.38 1.90 -12.64	23.95 1.97 -2.25	25.55 1.89 -3.95	25.51 1.89 -3.68	25.64 1.91 -4.01	25.35 1.93 -3.48	27.71 2.01 -5.40	29.30 1.93 -1.62	42.35 2.10 -10.63	31.74 2.00 -2.66	26.60 2.31 -0.77	25.79 1.97 -3.92	21.90 1.93 -1.39	18.74 1.63 -1.07
LIPA_MISC_IPP 23656	24.84 1.76 -4.79	18.04 1.59 -0.08	17.80 1.47 -0.01	16.92 1.47 -0.01	17.02 1.49 -0.06	18.01 1.60 -0.08	23.56 1.88 -2.85	98.98 2.30 -75.99	85.46 2.38 -62.41	105.61 2.28 -83.36	155.46 2.20 -133.42	30.71 2.23 -8.75	32.20 2.15 -10.34	33.27 2.15 -11.19	33.27 2.17 -11.38	34.67 2.21 -12.52	49.88 2.29 -27.28	46.24 2.24 -18.25	152.15 2.49 -120.05	59.44 2.33 -30.04	33.54 2.64 -7.37	29.63 2.25 -7.48	31.60 2.21 -10.81	30.03 1.88 -12.13
LISF__SOLAR 323691	24.82 1.79 -4.73	18.07 1.62 -0.08	17.85 1.52 -0.01	16.94 1.48 -0.01	16.99 1.45 -0.06	18.04 1.63 -0.08	23.58 1.94 -2.81	97.99 2.28 -75.02	84.69 2.40 -61.62	104.57 2.30 -82.30	153.82 2.26 -131.73	48.91 2.29 -26.89	32.15 2.19 -10.25	33.21 2.19 -11.08	33.23 2.23 -11.28	34.60 2.27 -12.40	49.66 2.37 -26.98	46.09 2.32 -18.01	150.68 2.55 -118.52	59.14 2.41 -29.66	33.51 2.70 -7.28	39.48 2.31 -17.27	31.51 2.25 -10.68	29.91 1.91 -11.98
LITTLE FALLS__HYD 24013	18.94 0.64 0.00	16.96 0.59 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.03 0.56 0.00	16.93 0.60 0.00	19.54 0.72 0.00	21.44 0.74 0.00	21.41 0.74 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.44 0.71 0.00	20.42 0.71 0.00	20.65 0.72 0.00	20.41 0.69 0.00	20.65 0.72 0.00	21.02 0.71 0.00	26.66 0.90 0.00	30.59 0.98 0.00	27.97 0.89 0.00	24.28 0.75 0.00	20.58 0.68 0.00	19.22 0.63 0.00	16.57 0.54 0.00
LITTLRIV_115KV_TB1 356100	18.24 -0.05 0.00	16.24 -0.13 0.00	16.21 -0.11 0.00	15.37 -0.08 0.00	15.35 -0.12 0.00	16.20 -0.13 0.00	18.72 -0.11 0.00	20.57 -0.12 0.00	20.73 0.06 0.00	20.01 0.04 0.00	19.90 0.06 0.00	19.71 -0.02 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.68 -0.04 0.00	19.89 -0.04 0.00	20.19 -0.12 0.00	25.47 -0.28 0.00	29.43 -0.18 0.00	26.83 -0.24 0.00	23.34 -0.19 0.00	19.72 -0.18 0.00	18.51 -0.07 0.00	16.01 -0.02 0.00
LI_NEWBRDGE__DRP 323616	19.39 1.10 0.00	17.37 1.00 0.00	17.20 0.88 0.00	16.34 0.90 0.00	16.39 0.91 0.00	17.34 1.01 0.00	20.03 1.21 0.00	22.24 1.55 0.00	22.28 1.61 0.00	21.51 1.54 0.00	22.21 1.47 -0.91	22.89 1.52 -1.64	24.48 1.44 -3.33	24.32 1.44 -2.95	24.47 1.46 -3.29	24.02 1.48 -2.61	25.10 1.52 -3.27	27.12 1.37 0.00	31.15 1.54 0.00	28.54 1.46 0.00	25.37 1.72 -0.13	24.98 1.49 -3.59	20.56 1.51 -0.47	17.31 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.80 -0.49 0.00	15.96 -0.41 0.00	15.90 -0.42 0.00	15.09 -0.36 0.00	15.10 -0.37 0.00	15.82 -0.51 0.00	18.36 -0.47 0.00	19.59 -1.10 0.00	19.18 -1.49 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.55 -1.16 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.05 -1.26 0.00	24.86 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.71 0.00	22.14 -1.39 0.00	18.69 -1.21 0.00	17.51 -1.08 0.00	15.18 -0.85 0.00
LOCKPORT__CC1 323769	17.78 -0.51 0.00	16.01 -0.36 0.00	15.90 -0.42 0.00	15.20 -0.25 0.00	15.26 -0.22 0.00	15.82 -0.51 0.00	18.36 -0.47 0.00	19.61 -1.08 0.00	19.20 -1.47 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.05 -1.26 0.00	24.85 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.70 0.00	22.16 -1.37 0.00	18.68 -1.21 0.00	17.50 -1.08 0.00	15.15 -0.88 0.00

LOCKPORT___CC2 323770	17.78 -0.51 0.00	16.01 -0.36 0.00	15.90 -0.42 0.00	15.20 -0.25 0.00	15.26 -0.22 0.00	15.82 -0.51 0.00	18.36 -0.47 0.00	19.61 -1.08 0.00	19.20 -1.47 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.05 -1.26 0.00	24.85 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.70 0.00	22.16 -1.37 0.00	18.68 -1.21 0.00	17.50 -1.08 0.00	15.15 -0.88 0.00
LOCKPORT___CC3 323771	17.78 -0.51 0.00	16.01 -0.36 0.00	15.90 -0.42 0.00	15.20 -0.25 0.00	15.26 -0.22 0.00	15.82 -0.51 0.00	18.36 -0.47 0.00	19.61 -1.08 0.00	19.20 -1.47 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.05 -1.26 0.00	24.85 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.70 0.00	22.16 -1.37 0.00	18.68 -1.21 0.00	17.50 -1.08 0.00	15.15 -0.88 0.00
LONG_LAKE_PHOENIX 24014	18.04 -0.26 0.00	16.16 -0.21 0.00	16.09 -0.23 0.00	15.23 -0.22 0.00	15.27 -0.20 0.00	16.12 -0.21 0.00	18.57 -0.26 0.00	20.32 -0.37 0.00	20.25 -0.41 0.00	19.61 -0.36 0.00	19.48 -0.36 0.00	19.36 -0.37 0.00	19.34 -0.37 0.00	19.58 -0.36 0.00	19.33 -0.39 0.00	19.54 -0.40 0.00	19.90 -0.41 0.00	25.34 -0.41 0.00	29.08 -0.53 0.00	26.62 -0.46 0.00	23.11 -0.42 0.00	19.52 -0.38 0.00	18.23 -0.35 0.00	15.74 -0.29 0.00
LOVETT___3 23632	19.08 0.79 0.00	17.09 0.72 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.05 0.72 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.92 0.90 0.00
LOVETT___4 23642	19.08 0.79 0.00	17.09 0.72 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.05 0.72 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.92 0.90 0.00
LOVETT___5 23593	19.08 0.79 0.00	17.09 0.72 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.05 0.72 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.92 0.90 0.00
LOWER RAQUET___HYD 24057	18.11 -0.18 0.00	16.12 -0.25 0.00	16.11 -0.21 0.00	15.24 -0.20 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.25 0.00	20.42 -0.27 0.00	20.58 -0.08 0.00	19.87 -0.10 0.00	19.74 -0.10 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.77 -0.16 0.00	19.54 -0.18 0.00	19.75 -0.18 0.00	20.02 -0.28 0.00	25.21 -0.54 0.00	29.11 -0.50 0.00	26.53 -0.54 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.34 -0.24 0.00	15.92 -0.11 0.00
LOWER___HUDSON 24059	18.83 0.53 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.89 0.45 0.00	15.91 0.43 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.63 0.66 0.00	20.47 0.63 0.00	20.40 0.67 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.67 0.74 0.00	21.10 0.79 0.00	26.71 0.95 0.00	30.80 1.19 0.00	28.13 1.05 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.27 0.69 0.00	16.59 0.56 0.00
LOWVILLE_115KV_TB2 356335	18.30 0.00 0.00	16.34 -0.03 0.00	16.26 -0.07 0.00	15.40 -0.05 0.00	15.44 -0.03 0.00	16.31 -0.02 0.00	18.87 0.04 0.00	20.65 -0.04 0.00	20.67 0.00 0.00	19.95 -0.02 0.00	19.78 -0.06 0.00	19.61 -0.12 0.00	19.55 -0.16 0.00	19.80 -0.14 0.00	19.54 -0.18 0.00	19.80 -0.14 0.00	20.21 -0.10 0.00	25.70 -0.05 0.00	29.64 0.03 0.00	27.10 0.03 0.00	23.53 0.00 0.00	19.90 0.00 0.00	18.58 0.00 0.00	16.01 -0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.95 0.66 0.00	17.01 0.64 0.00	16.94 0.62 0.00	16.02 0.57 0.00	16.05 0.57 0.00	16.93 0.60 0.00	19.60 0.77 0.00	21.64 0.95 0.00	21.62 0.95 0.00	20.81 0.84 0.00	20.67 0.83 0.00	20.58 0.85 0.00	20.54 0.83 0.00	20.81 0.88 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.26 0.95 0.00	26.89 1.13 0.00	31.06 1.45 0.00	28.38 1.30 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.40 0.82 0.00	16.70 0.67 0.00
LUTHERNY_35_KV_BK2 355980	18.97 0.68 0.00	17.02 0.65 0.00	16.94 0.62 0.00	16.02 0.57 0.00	16.05 0.57 0.00	16.93 0.60 0.00	19.60 0.77 0.00	21.66 0.97 0.00	21.62 0.95 0.00	20.83 0.86 0.00	20.69 0.85 0.00	20.60 0.87 0.00	20.56 0.85 0.00	20.81 0.88 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.26 0.95 0.00	26.92 1.16 0.00	31.06 1.45 0.00	28.40 1.33 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.42 0.84 0.00	16.70 0.67 0.00
LWR___OSWEGATCHIE_HYD 23850	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.83 -0.19 0.00
LYONS_FALL_HYD 23570	18.41 0.11 0.00	16.45 0.08 0.00	16.37 0.05 0.00	15.51 0.06 0.00	15.55 0.08 0.00	16.43 0.10 0.00	19.00 0.17 0.00	20.80 0.10 0.00	20.79 0.12 0.00	20.09 0.12 0.00	19.94 0.10 0.00	19.77 0.04 0.00	19.71 0.00 0.00	19.95 0.02 0.00	19.72 0.00 0.00	19.97 0.04 0.00	20.37 0.06 0.00	25.89 0.13 0.00	29.82 0.21 0.00	27.29 0.22 0.00	23.69 0.17 0.00	20.04 0.14 0.00	18.70 0.11 0.00	16.11 0.08 0.00
MADISON___COUNTY_LFGE 323628	18.64 0.35 0.00	16.68 0.31 0.00	16.60 0.28 0.00	15.72 0.28 0.00	15.77 0.29 0.00	16.66 0.33 0.00	19.24 0.41 0.00	21.06 0.37 0.00	21.02 0.35 0.00	20.33 0.36 0.00	20.17 0.34 0.00	20.03 0.30 0.00	19.99 0.28 0.00	20.25 0.32 0.00	20.00 0.28 0.00	20.23 0.30 0.00	20.61 0.30 0.00	26.25 0.49 0.00	30.14 0.53 0.00	27.62 0.54 0.00	23.98 0.45 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.30 0.27 0.00
MALONE___115KV_TB1 356076	18.46 0.16 0.00	16.42 0.05 0.00	16.44 0.11 0.00	15.58 0.14 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.16 0.50 0.00	20.43 0.46 0.00	20.31 0.48 0.00	20.11 0.37 0.00	20.14 0.43 0.00	20.31 0.38 0.00	20.10 0.37 0.00	20.29 0.36 0.00	20.61 0.30 0.00	26.07 0.31 0.00	30.11 0.50 0.00	27.32 0.24 0.00	23.76 0.24 0.00	20.08 0.18 0.00	18.77 0.19 0.00	16.20 0.18 0.00

MAPLEWOD_115KV_TB3 80458	18.77 0.48 0.00	16.84 0.47 0.00	16.79 0.47 0.00	15.86 0.42 0.00	15.91 0.43 0.00	16.79 0.46 0.00	19.38 0.55 0.00	21.44 0.74 0.00	21.39 0.72 0.00	20.57 0.60 0.00	20.43 0.60 0.00	20.32 0.59 0.00	20.32 0.61 0.00	20.57 0.64 0.00	20.39 0.67 0.00	20.61 0.68 0.00	21.04 0.73 0.00	26.61 0.85 0.00	30.68 1.07 0.00	28.02 0.95 0.00	24.35 0.82 0.00	20.60 0.70 0.00	19.23 0.65 0.00	16.57 0.54 0.00
MAPLE_RIDGE_WT_1 323574	18.26 -0.04 0.00	16.35 -0.02 0.00	16.32 0.00 0.00	15.44 0.00 0.00	15.49 0.02 0.00	16.35 0.02 0.00	18.87 0.04 0.00	20.71 0.02 0.00	20.69 0.02 0.00	19.99 0.02 0.00	19.86 0.02 0.00	19.75 0.02 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.72 0.00 0.00	19.91 -0.02 0.00	20.27 -0.04 0.00	25.63 -0.13 0.00	29.34 -0.27 0.00	26.78 -0.30 0.00	23.22 -0.31 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.79 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	18.26 -0.04 0.00	16.35 -0.02 0.00	16.32 0.00 0.00	15.44 0.00 0.00	15.49 0.02 0.00	16.35 0.02 0.00	18.87 0.04 0.00	20.71 0.02 0.00	20.69 0.02 0.00	19.99 0.02 0.00	19.86 0.02 0.00	19.75 0.02 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.72 0.00 0.00	19.91 -0.02 0.00	20.27 -0.04 0.00	25.63 -0.13 0.00	29.34 -0.27 0.00	26.78 -0.30 0.00	23.22 -0.31 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.79 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	18.41 0.11 0.00	16.38 0.02 0.00	16.42 0.10 0.00	15.57 0.12 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.94 0.11 0.00	20.86 0.16 0.00	21.08 0.41 0.00	20.37 0.40 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.08 0.37 0.00	20.25 0.32 0.00	20.04 0.31 0.00	20.23 0.30 0.00	20.57 0.26 0.00	26.07 0.31 0.00	30.03 0.41 0.00	27.24 0.16 0.00	23.69 0.17 0.00	20.04 0.14 0.00	18.73 0.15 0.00	16.19 0.16 0.00
MARSHVLE_115KV_TB1 80742	18.48 0.18 0.00	16.61 0.25 0.00	16.53 0.21 0.00	15.63 0.19 0.00	15.68 0.20 0.00	16.54 0.21 0.00	19.26 0.43 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.39 0.42 0.00	20.15 0.32 0.00	20.03 0.30 0.00	19.95 0.24 0.00	20.25 0.32 0.00	20.06 0.34 0.00	20.39 0.46 0.00	20.90 0.59 0.00	26.48 0.72 0.00	30.71 1.10 0.00	28.05 0.97 0.00	24.23 0.71 0.00	20.46 0.56 0.00	19.01 0.43 0.00	16.30 0.27 0.00
MARSH_HILL_WT_PWR 323713	18.63 0.33 0.00	16.71 0.34 0.00	16.58 0.26 0.00	15.78 0.34 0.00	15.86 0.39 0.00	16.57 0.25 0.00	19.26 0.43 0.00	20.86 0.16 0.00	20.56 -0.10 0.00	20.05 0.08 0.00	19.84 0.00 0.00	19.69 -0.04 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.62 -0.10 0.00	19.82 -0.12 0.00	20.21 -0.10 0.00	26.17 0.41 0.00	29.58 -0.03 0.00	27.16 0.08 0.00	23.62 0.09 0.00	19.84 -0.06 0.00	18.51 -0.07 0.00	15.96 -0.06 0.00
MCINTYRE_115KV_TB2 80467	18.33 0.04 0.00	16.30 -0.07 0.00	16.27 -0.05 0.00	15.43 -0.02 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.79 -0.04 0.00	20.63 -0.06 0.00	20.79 0.12 0.00	20.07 0.10 0.00	19.96 0.12 0.00	19.75 0.02 0.00	19.75 0.04 0.00	19.95 0.02 0.00	19.74 0.02 0.00	19.95 0.02 0.00	20.27 -0.04 0.00	25.63 -0.13 0.00	29.61 0.00 0.00	26.99 -0.08 0.00	23.48 -0.05 0.00	19.86 -0.04 0.00	18.58 0.00 0.00	16.06 0.03 0.00
MECO____69_KV_BK1 80468	19.01 0.71 0.00	17.11 0.74 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.14 0.67 0.00	17.03 0.70 0.00	19.87 1.04 0.00	21.95 1.26 0.00	21.89 1.22 0.00	21.03 1.06 0.00	20.73 0.89 0.00	20.60 0.87 0.00	20.52 0.81 0.00	20.91 0.98 0.00	20.67 0.95 0.00	21.05 1.12 0.00	21.57 1.26 0.00	27.30 1.55 0.00	31.71 2.10 0.00	28.97 1.90 0.00	24.94 1.41 0.00	21.05 1.15 0.00	19.55 0.97 0.00	16.73 0.71 0.00
MENANDS_115KV_TB5 355628	18.68 0.38 0.00	16.78 0.41 0.00	16.73 0.41 0.00	15.82 0.37 0.00	15.85 0.37 0.00	16.72 0.39 0.00	19.30 0.47 0.00	21.35 0.66 0.00	21.29 0.62 0.00	20.47 0.50 0.00	20.33 0.50 0.00	20.24 0.51 0.00	20.24 0.53 0.00	20.49 0.56 0.00	20.31 0.59 0.00	20.53 0.60 0.00	20.94 0.63 0.00	26.48 0.72 0.00	30.53 0.92 0.00	27.89 0.81 0.00	24.23 0.71 0.00	20.52 0.62 0.00	19.16 0.58 0.00	16.51 0.48 0.00
MG INDUSTRY___DRP 24185	18.74 0.44 0.00	16.81 0.44 0.00	16.78 0.46 0.00	15.86 0.42 0.00	15.89 0.42 0.00	16.75 0.42 0.00	19.34 0.51 0.00	21.37 0.68 0.00	21.31 0.64 0.00	20.51 0.54 0.00	20.37 0.54 0.00	20.26 0.53 0.00	20.26 0.55 0.00	20.51 0.58 0.00	20.31 0.59 0.00	20.53 0.60 0.00	20.94 0.63 0.00	26.50 0.75 0.00	30.56 0.95 0.00	27.91 0.84 0.00	24.23 0.71 0.00	20.52 0.62 0.00	19.18 0.59 0.00	16.52 0.50 0.00
MID___OSWEGATCHIE_HYD 23849	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.83 -0.19 0.00
MID___RAQUETTE_HYD 23851	18.11 -0.18 0.00	16.12 -0.25 0.00	16.11 -0.21 0.00	15.26 -0.19 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.42 -0.27 0.00	20.58 -0.08 0.00	19.87 -0.10 0.00	19.74 -0.10 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.78 -0.16 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.02 -0.28 0.00	25.22 -0.54 0.00	29.11 -0.50 0.00	26.53 -0.54 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.34 -0.24 0.00	15.88 -0.14 0.00
MILLIKEN___1 23584	18.66 0.37 0.00	16.70 0.33 0.00	16.63 0.31 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.28 0.45 0.00	21.08 0.39 0.00	21.00 0.33 0.00	20.35 0.38 0.00	20.17 0.34 0.00	20.05 0.32 0.00	20.03 0.32 0.00	20.27 0.34 0.00	20.02 0.30 0.00	20.23 0.30 0.00	20.63 0.32 0.00	26.37 0.62 0.00	30.23 0.62 0.00	27.70 0.62 0.00	24.05 0.52 0.00	20.28 0.38 0.00	18.90 0.32 0.00	16.30 0.27 0.00
MILLIKEN___2 23585	18.66 0.37 0.00	16.70 0.33 0.00	16.63 0.31 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.28 0.45 0.00	21.08 0.39 0.00	21.00 0.33 0.00	20.35 0.38 0.00	20.17 0.34 0.00	20.05 0.32 0.00	20.03 0.32 0.00	20.27 0.34 0.00	20.02 0.30 0.00	20.23 0.30 0.00	20.63 0.32 0.00	26.37 0.62 0.00	30.23 0.62 0.00	27.70 0.62 0.00	24.05 0.52 0.00	20.28 0.38 0.00	18.90 0.32 0.00	16.30 0.27 0.00
MILLIKEN___DIESEL 23629	18.66 0.37 0.00	16.70 0.33 0.00	16.63 0.31 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.28 0.45 0.00	21.08 0.39 0.00	21.00 0.33 0.00	20.35 0.38 0.00	20.17 0.34 0.00	20.05 0.32 0.00	20.03 0.32 0.00	20.27 0.34 0.00	20.02 0.30 0.00	20.23 0.30 0.00	20.63 0.32 0.00	26.37 0.62 0.00	30.23 0.62 0.00	27.70 0.62 0.00	24.05 0.52 0.00	20.28 0.38 0.00	18.90 0.32 0.00	16.30 0.27 0.00

MILLSEAT___LFGE 323607	18.00 -0.29 0.00	16.16 -0.21 0.00	16.04 -0.28 0.00	15.34 -0.11 0.00	15.40 -0.08 0.00	16.02 -0.31 0.00	18.57 -0.26 0.00	19.90 -0.79 0.00	19.55 -1.12 0.00	19.13 -0.84 0.00	18.94 -0.89 0.00	18.84 -0.89 0.00	18.86 -0.85 0.00	19.08 -0.86 0.00	18.78 -0.95 0.00	18.96 -0.98 0.00	19.37 -0.93 0.00	25.24 -0.51 0.00	28.22 -1.39 0.00	25.91 -1.16 0.00	22.52 -1.01 0.00	19.02 -0.88 0.00	17.78 -0.80 0.00	15.35 -0.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.12 0.82 0.00	17.11 0.74 0.00	17.04 0.72 0.00	16.12 0.68 0.00	16.16 0.68 0.00	17.08 0.75 0.00	19.70 0.87 0.00	21.83 1.14 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.99 1.15 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.89 1.16 0.00	21.09 1.16 0.00	21.51 1.20 0.00	27.07 1.31 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.89 1.36 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.96 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	19.17 0.88 0.00	17.15 0.79 0.00	17.07 0.75 0.00	16.17 0.73 0.00	16.19 0.71 0.00	17.11 0.78 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.05 1.21 0.00	20.99 1.26 0.00	20.91 1.20 0.00	21.13 1.20 0.00	20.94 1.22 0.00	21.17 1.24 0.00	21.55 1.24 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.70 1.62 0.00	24.94 1.41 0.00	21.13 1.23 0.00	19.75 1.17 0.00	16.97 0.95 0.00
MODEL_CITY_ENERGY 24167	17.60 -0.70 0.00	15.84 -0.52 0.00	15.77 -0.55 0.00	15.07 -0.37 0.00	15.13 -0.34 0.00	15.69 -0.64 0.00	18.19 -0.64 0.00	19.41 -1.28 0.00	18.99 -1.67 0.00	18.61 -1.36 0.00	18.43 -1.41 0.00	18.33 -1.40 0.00	18.35 -1.36 0.00	18.58 -1.36 0.00	18.28 -1.44 0.00	18.46 -1.47 0.00	18.85 -1.46 0.00	24.60 -1.16 0.00	27.30 -2.31 0.00	25.04 -2.03 0.00	21.91 -1.62 0.00	18.47 -1.43 0.00	17.30 -1.28 0.00	14.97 -1.06 0.00
MODERN_LFGE___ 323580	17.60 -0.70 0.00	15.84 -0.52 0.00	15.77 -0.55 0.00	15.07 -0.37 0.00	15.13 -0.34 0.00	15.69 -0.64 0.00	18.19 -0.64 0.00	19.41 -1.28 0.00	18.99 -1.67 0.00	18.61 -1.36 0.00	18.43 -1.41 0.00	18.33 -1.40 0.00	18.35 -1.36 0.00	18.58 -1.36 0.00	18.28 -1.44 0.00	18.46 -1.47 0.00	18.85 -1.46 0.00	24.60 -1.16 0.00	27.30 -2.31 0.00	25.04 -2.03 0.00	21.91 -1.62 0.00	18.47 -1.43 0.00	17.30 -1.28 0.00	14.97 -1.06 0.00
MOHAWK_PAPER___DRP 24187	18.77 0.48 0.00	16.84 0.47 0.00	16.79 0.47 0.00	15.86 0.42 0.00	15.91 0.43 0.00	16.79 0.46 0.00	19.38 0.55 0.00	21.44 0.74 0.00	21.39 0.72 0.00	20.57 0.60 0.00	20.43 0.60 0.00	20.32 0.59 0.00	20.32 0.61 0.00	20.57 0.64 0.00	20.39 0.67 0.00	20.61 0.68 0.00	21.04 0.73 0.00	26.61 0.85 0.00	30.68 1.07 0.00	28.02 0.95 0.00	24.35 0.82 0.00	20.60 0.70 0.00	19.23 0.65 0.00	16.57 0.54 0.00
MOHICAN___35_KV_115KV_LD 80490	18.92 0.62 0.00	16.97 0.61 0.00	16.89 0.57 0.00	15.97 0.53 0.00	16.00 0.53 0.00	16.88 0.56 0.00	19.58 0.75 0.00	21.66 0.97 0.00	21.64 0.97 0.00	20.85 0.88 0.00	20.71 0.87 0.00	20.60 0.87 0.00	20.54 0.83 0.00	20.81 0.88 0.00	20.57 0.85 0.00	20.81 0.88 0.00	21.26 0.95 0.00	26.92 1.16 0.00	31.12 1.51 0.00	28.43 1.35 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.38 0.80 0.00	16.65 0.63 0.00
MONGAUP___HYD 23641	19.08 0.79 0.00	17.06 0.69 0.00	16.98 0.65 0.00	16.06 0.62 0.00	16.08 0.60 0.00	17.03 0.70 0.00	19.64 0.81 0.00	21.68 0.99 0.00	21.64 0.97 0.00	20.89 0.92 0.00	20.77 0.93 0.00	20.68 0.95 0.00	20.60 0.89 0.00	20.81 0.88 0.00	20.65 0.93 0.00	20.91 0.98 0.00	21.32 1.01 0.00	26.99 1.24 0.00	31.06 1.45 0.00	28.51 1.43 0.00	24.75 1.22 0.00	20.95 1.05 0.00	19.57 0.98 0.00	16.86 0.83 0.00
MONTAUK___DIESEL 23721	25.43 2.36 -4.77	18.59 2.14 -0.08	18.34 2.01 -0.01	17.45 1.99 -0.01	17.53 2.00 -0.06	18.55 2.14 -0.08	24.21 2.54 -2.84	99.42 3.00 -75.73	85.98 3.12 -62.19	106.07 3.04 -83.07	155.75 2.96 -132.95	31.63 3.02 -8.88	32.98 2.96 -10.32	34.08 2.99 -11.16	34.07 3.00 -11.35	35.45 3.03 -12.49	50.63 3.13 -27.20	47.31 3.37 -18.18	153.03 3.79 -119.63	60.53 3.52 -29.93	34.52 3.65 -7.35	30.51 3.06 -7.55	32.27 2.92 -10.77	30.55 2.44 -12.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.46 0.16 0.00	16.56 0.20 0.00	16.39 0.07 0.00	15.57 0.12 0.00	15.55 0.08 0.00	16.20 -0.13 0.00	18.87 0.04 0.00	20.26 -0.43 0.00	19.76 -0.91 0.00	19.37 -0.60 0.00	19.22 -0.61 0.00	19.12 -0.61 0.00	19.14 -0.57 0.00	19.34 -0.60 0.00	18.99 -0.73 0.00	19.16 -0.78 0.00	19.56 -0.75 0.00	25.52 -0.23 0.00	28.52 -1.10 0.00	26.18 -0.89 0.00	22.85 -0.68 0.00	19.20 -0.70 0.00	17.95 -0.63 0.00	15.55 -0.48 0.00
MORTIMER_115KV_TB3 55949	18.19 -0.11 0.00	16.27 -0.10 0.00	16.16 -0.16 0.00	15.32 -0.12 0.00	15.37 -0.11 0.00	16.23 -0.10 0.00	18.77 -0.06 0.00	20.36 -0.33 0.00	20.17 -0.50 0.00	19.65 -0.32 0.00	19.50 -0.34 0.00	19.40 -0.34 0.00	19.40 -0.32 0.00	19.62 -0.32 0.00	19.35 -0.37 0.00	19.56 -0.38 0.00	19.94 -0.37 0.00	25.68 -0.08 0.00	29.14 -0.47 0.00	26.70 -0.38 0.00	23.13 -0.40 0.00	19.56 -0.34 0.00	18.25 -0.33 0.00	15.77 -0.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.09 1.25 0.00	21.03 1.30 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.79 1.21 0.00	17.04 1.01 0.00
MUNSVILLE_WIND_PWR 323609	19.52 1.23 0.00	17.45 1.08 0.00	17.32 1.00 0.00	16.45 1.00 0.00	16.53 1.05 0.00	17.42 1.09 0.00	20.26 1.43 0.00	22.06 1.37 0.00	21.99 1.32 0.00	21.31 1.34 0.00	21.11 1.27 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.15 1.22 0.00	20.83 1.10 0.00	21.07 1.14 0.00	21.53 1.22 0.00	27.61 1.86 0.00	31.71 2.10 0.00	29.11 2.03 0.00	25.25 1.72 0.00	21.27 1.37 0.00	19.79 1.21 0.00	16.99 0.96 0.00
N SALMON___HYD 24042	18.46 0.16 0.00	16.42 0.05 0.00	16.44 0.12 0.00	15.58 0.14 0.00	15.55 0.08 0.00	16.41 0.08 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.16 0.50 0.00	20.43 0.46 0.00	20.31 0.48 0.00	20.11 0.37 0.00	20.14 0.43 0.00	20.31 0.38 0.00	20.10 0.37 0.00	20.29 0.36 0.00	20.61 0.31 0.00	26.07 0.31 0.00	30.11 0.50 0.00	27.32 0.24 0.00	23.76 0.24 0.00	20.08 0.18 0.00	18.77 0.19 0.00	16.23 0.21 0.00
N.AKRON___115KV_KNAPP 355671	18.04 -0.26 0.00	16.14 -0.23 0.00	16.06 -0.26 0.00	15.24 -0.20 0.00	15.27 -0.20 0.00	16.02 -0.31 0.00	18.58 -0.24 0.00	19.90 -0.79 0.00	19.53 -1.14 0.00	19.13 -0.84 0.00	18.94 -0.89 0.00	18.84 -0.89 0.00	18.86 -0.85 0.00	19.08 -0.86 0.00	18.78 -0.95 0.00	18.96 -0.98 0.00	19.37 -0.93 0.00	25.24 -0.52 0.00	28.19 -1.42 0.00	25.88 -1.19 0.00	22.52 -1.01 0.00	19.02 -0.88 0.00	17.78 -0.80 0.00	15.40 -0.63 0.00

N.BELMOR_69_KV_BK1 55787	19.52 1.23 0.00	17.47 1.10 0.00	17.32 1.00 0.00	16.45 1.00 0.00	16.48 1.01 0.00	17.44 1.11 0.00	20.15 1.32 0.00	22.37 1.68 0.00	22.40 1.74 0.00	21.63 1.66 0.00	22.37 1.63 -0.91	23.05 1.68 -1.64	24.66 1.62 -3.33	24.48 1.59 -2.95	24.63 1.62 -3.29	24.17 1.63 -2.61	25.26 1.69 -3.27	27.35 1.60 0.00	31.42 1.81 0.00	28.81 1.73 0.00	25.56 1.91 -0.13	25.16 1.67 -3.59	20.69 1.64 -0.47	17.42 1.39 0.00
N.E_GEN_SANDY PD 24062	18.92 0.62 0.00	16.94 0.57 0.00	16.89 0.57 0.00	15.92 0.48 0.00	15.96 0.48 0.00	16.90 0.57 0.00	19.47 0.64 0.00	21.56 0.87 0.00	21.53 0.87 0.00	20.71 0.74 0.00	20.57 0.73 0.00	20.48 0.75 0.00	20.50 0.79 0.00	20.73 0.80 0.00	20.55 0.83 0.00	20.79 0.86 0.00	21.20 0.89 0.00	26.76 1.00 0.00	30.85 1.24 0.00	28.19 1.11 0.00	24.52 0.99 0.00	20.77 0.87 0.00	19.40 0.82 0.00	16.70 0.67 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.14 0.67 0.00	17.08 0.75 0.00	19.70 0.87 0.00	21.81 1.12 0.00	21.80 1.14 0.00	21.05 1.08 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.07 1.14 0.00	21.49 1.18 0.00	27.07 1.31 0.00	31.21 1.60 0.00	28.62 1.54 0.00	24.89 1.36 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
N.QUEENS_27_KV_LOAD 356247	19.16 0.86 0.00	17.09 0.72 0.00	17.11 0.78 0.00	16.26 0.82 0.00	16.26 0.79 0.00	17.06 0.73 0.00	19.56 0.73 0.00	21.68 0.99 0.00	21.78 1.12 0.00	21.05 1.08 0.00	21.01 1.17 0.00	20.97 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.05 1.12 0.00	21.47 1.16 0.00	26.92 1.16 0.00	31.03 1.42 0.00	28.46 1.38 0.00	24.71 1.18 0.00	20.99 1.09 0.00	19.68 1.10 0.00	17.04 1.01 0.00
N.TROY___115KV_TB1 355778	18.83 0.53 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.89 0.45 0.00	15.94 0.46 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.63 0.66 0.00	20.49 0.65 0.00	20.40 0.67 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.67 0.74 0.00	21.10 0.79 0.00	26.71 0.95 0.00	30.80 1.18 0.00	28.13 1.06 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.27 0.69 0.00	16.60 0.58 0.00
NARROWS_GT1_1 24228	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_2 24229	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_3 24230	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_4 24231	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_5 24232	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_6 24233	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_7 24234	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT1_8 24235	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_1 24236	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_2 24237	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00

NARROWS_GT2_3 24238	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_4 24239	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_5 24240	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_6 24241	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_7 24242	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NARROWS_GT2_8 24243	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.81 0.51 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.91 0.46 0.00	15.94 0.46 0.00	16.83 0.51 0.00	19.45 0.62 0.00	21.46 0.77 0.00	21.37 0.70 0.00	20.55 0.58 0.00	20.39 0.56 0.00	20.28 0.55 0.00	20.24 0.53 0.00	20.49 0.56 0.00	20.29 0.57 0.00	20.55 0.62 0.00	20.98 0.67 0.00	26.68 0.93 0.00	30.82 1.21 0.00	28.13 1.06 0.00	24.35 0.82 0.00	20.62 0.72 0.00	19.25 0.67 0.00	16.60 0.58 0.00
NCHELSEA_115KV_TR2 355582	19.17 0.88 0.00	17.17 0.80 0.00	17.07 0.75 0.00	16.16 0.71 0.00	16.19 0.71 0.00	17.13 0.80 0.00	19.73 0.90 0.00	21.85 1.16 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.49 1.18 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.65 1.57 0.00	24.89 1.36 0.00	21.11 1.21 0.00	19.72 1.13 0.00	16.97 0.95 0.00
NEG CAPITAL___MECHNVIL 23645	18.95 0.66 0.00	17.01 0.64 0.00	16.94 0.62 0.00	15.98 0.54 0.00	16.02 0.54 0.00	16.92 0.59 0.00	19.58 0.75 0.00	21.64 0.95 0.00	21.62 0.95 0.00	20.81 0.84 0.00	20.67 0.83 0.00	20.58 0.85 0.00	20.56 0.85 0.00	20.81 0.88 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.26 0.95 0.00	26.92 1.16 0.00	31.06 1.45 0.00	28.38 1.30 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.40 0.82 0.00	16.68 0.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.26 -0.04 0.00	16.35 -0.02 0.00	16.24 -0.08 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.31 -0.02 0.00	18.85 0.02 0.00	20.50 -0.19 0.00	20.38 -0.29 0.00	19.81 -0.16 0.00	19.66 -0.18 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.80 -0.14 0.00	19.51 -0.22 0.00	19.72 -0.22 0.00	20.10 -0.20 0.00	25.81 0.05 0.00	29.37 -0.24 0.00	26.91 -0.16 0.00	23.32 -0.21 0.00	19.70 -0.20 0.00	18.38 -0.20 0.00	15.85 -0.18 0.00
NEG CENTRAL___DRP 24199	18.46 0.16 0.00	16.52 0.15 0.00	16.44 0.11 0.00	15.55 0.11 0.00	15.61 0.14 0.00	16.48 0.15 0.00	19.06 0.23 0.00	20.82 0.12 0.00	20.69 0.02 0.00	20.09 0.12 0.00	19.92 0.08 0.00	19.79 0.06 0.00	19.79 0.08 0.00	20.01 0.08 0.00	19.76 0.04 0.00	19.97 0.04 0.00	20.37 0.06 0.00	26.09 0.33 0.00	29.82 0.21 0.00	27.32 0.24 0.00	23.72 0.19 0.00	19.98 0.08 0.00	18.62 0.04 0.00	16.06 0.03 0.00
NEG CENTRAL___INDECK 23768	18.70 0.40 0.00	16.73 0.36 0.00	16.60 0.28 0.00	15.80 0.36 0.00	15.89 0.42 0.00	16.64 0.31 0.00	19.28 0.45 0.00	20.92 0.23 0.00	20.69 0.02 0.00	20.07 0.10 0.00	19.84 0.00 0.00	19.67 -0.06 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.62 -0.10 0.00	19.86 -0.08 0.00	20.31 0.00 0.00	26.35 0.59 0.00	29.97 0.36 0.00	27.51 0.43 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.70 0.11 0.00	16.09 0.06 0.00
NEG CENTRAL___SENECA 23627	18.53 0.24 0.00	16.58 0.21 0.00	16.48 0.16 0.00	15.61 0.17 0.00	15.68 0.20 0.00	16.54 0.21 0.00	19.17 0.34 0.00	20.90 0.21 0.00	20.75 0.08 0.00	20.17 0.20 0.00	19.98 0.14 0.00	19.85 0.12 0.00	19.85 0.14 0.00	20.09 0.16 0.00	19.80 0.08 0.00	20.03 0.10 0.00	20.43 0.12 0.00	26.25 0.49 0.00	29.91 0.30 0.00	27.43 0.35 0.00	23.79 0.26 0.00	20.04 0.14 0.00	18.68 0.09 0.00	16.11 0.08 0.00
NEG CENTRAL___STATE_STREET 24147	18.50 0.20 0.00	16.55 0.18 0.00	16.47 0.15 0.00	15.58 0.14 0.00	15.65 0.17 0.00	16.51 0.18 0.00	19.09 0.26 0.00	20.88 0.19 0.00	20.79 0.12 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.89 0.16 0.00	19.89 0.18 0.00	20.11 0.18 0.00	19.84 0.12 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.14 0.39 0.00	29.94 0.33 0.00	27.45 0.38 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.71 0.13 0.00	16.12 0.10 0.00
NEG MILLWOOD___DRP 24198	19.28 0.99 0.00	17.25 0.88 0.00	17.15 0.83 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.18 0.85 0.00	19.81 0.98 0.00	21.99 1.30 0.00	22.03 1.36 0.00	21.27 1.30 0.00	21.15 1.31 0.00	21.09 1.36 0.00	21.01 1.30 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.27 1.34 0.00	21.65 1.34 0.00	27.33 1.57 0.00	31.54 1.92 0.00	28.89 1.81 0.00	25.08 1.55 0.00	21.25 1.35 0.00	19.85 1.26 0.00	17.02 0.99 0.00



NEG NORTH_FLCN_SEA 23793	18.59 0.29 0.00	16.55 0.18 0.00	16.58 0.26 0.00	15.72 0.28 0.00	15.69 0.22 0.00	16.56 0.23 0.00	19.11 0.28 0.00	21.06 0.37 0.00	21.31 0.64 0.00	20.59 0.62 0.00	20.45 0.61 0.00	20.26 0.53 0.00	20.30 0.59 0.00	20.47 0.54 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.35 0.74 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.92 0.33 0.00	16.33 0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	18.42 0.13 0.00	16.42 0.05 0.00	16.44 0.11 0.00	15.58 0.14 0.00	15.57 0.09 0.00	16.43 0.10 0.00	18.96 0.13 0.00	20.88 0.19 0.00	21.12 0.45 0.00	20.41 0.44 0.00	20.25 0.42 0.00	20.09 0.36 0.00	20.11 0.39 0.00	20.27 0.34 0.00	20.08 0.35 0.00	20.25 0.32 0.00	20.61 0.30 0.00	26.09 0.33 0.00	30.08 0.47 0.00	27.29 0.22 0.00	23.74 0.21 0.00	20.06 0.16 0.00	18.75 0.17 0.00	16.19 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	18.59 0.29 0.00	16.52 0.15 0.00	16.55 0.23 0.00	15.69 0.25 0.00	15.66 0.19 0.00	16.52 0.20 0.00	19.09 0.26 0.00	21.02 0.33 0.00	21.33 0.66 0.00	20.59 0.62 0.00	20.45 0.61 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.38 0.77 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.90 0.32 0.00	16.32 0.29 0.00
NEG NORTH___LWR_SARANAC 23913	18.59 0.29 0.00	16.52 0.15 0.00	16.55 0.23 0.00	15.69 0.25 0.00	15.66 0.19 0.00	16.52 0.20 0.00	19.09 0.26 0.00	21.02 0.33 0.00	21.33 0.66 0.00	20.59 0.62 0.00	20.45 0.61 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.38 0.77 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.90 0.32 0.00	16.32 0.29 0.00
NEG NORTH___PLATTSBURG 23628	18.59 0.29 0.00	16.52 0.15 0.00	16.55 0.23 0.00	15.69 0.25 0.00	15.66 0.19 0.00	16.53 0.20 0.00	19.09 0.26 0.00	21.02 0.33 0.00	21.33 0.66 0.00	20.59 0.62 0.00	20.45 0.62 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.35 0.59 0.00	30.38 0.77 0.00	27.54 0.46 0.00	23.95 0.42 0.00	20.24 0.34 0.00	18.90 0.32 0.00	16.35 0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	17.82 -0.48 0.00	15.98 -0.39 0.00	15.90 -0.42 0.00	15.09 -0.36 0.00	15.10 -0.37 0.00	15.82 -0.51 0.00	18.38 -0.45 0.00	19.62 -1.08 0.00	19.18 -1.49 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.07 -1.24 0.00	24.86 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.71 0.00	22.16 -1.36 0.00	18.69 -1.21 0.00	17.51 -1.08 0.00	15.18 -0.85 0.00
NEG WEST___LANCASTR 23811	18.33 0.04 0.00	16.43 0.07 0.00	16.32 0.00 0.00	15.49 0.05 0.00	15.51 0.03 0.00	16.25 -0.08 0.00	18.94 0.11 0.00	20.36 -0.33 0.00	19.90 -0.76 0.00	19.49 -0.48 0.00	19.30 -0.54 0.00	19.20 -0.53 0.00	19.22 -0.49 0.00	19.46 -0.48 0.00	19.15 -0.57 0.00	19.32 -0.62 0.00	19.74 -0.57 0.00	25.70 -0.05 0.00	28.78 -0.83 0.00	26.43 -0.65 0.00	23.08 -0.45 0.00	19.38 -0.52 0.00	18.12 -0.46 0.00	15.69 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	18.55 0.26 0.00	16.61 0.25 0.00	16.53 0.21 0.00	15.68 0.23 0.00	15.74 0.26 0.00	16.54 0.21 0.00	19.15 0.32 0.00	20.94 0.25 0.00	20.83 0.16 0.00	20.19 0.22 0.00	20.03 0.20 0.00	19.91 0.18 0.00	19.91 0.20 0.00	20.15 0.22 0.00	19.90 0.18 0.00	20.09 0.16 0.00	20.49 0.18 0.00	26.17 0.41 0.00	29.94 0.33 0.00	27.43 0.35 0.00	23.86 0.33 0.00	20.10 0.20 0.00	18.77 0.19 0.00	16.19 0.16 0.00
NEG___GEN_MONROE 24207	18.20 -0.09 0.00	16.30 -0.07 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.77 -0.06 0.00	20.30 -0.39 0.00	20.11 -0.56 0.00	19.61 -0.36 0.00	19.40 -0.44 0.00	19.30 -0.43 0.00	19.30 -0.41 0.00	19.56 -0.38 0.00	19.27 -0.45 0.00	19.46 -0.48 0.00	19.84 -0.47 0.00	25.60 -0.15 0.00	28.99 -0.62 0.00	26.59 -0.49 0.00	23.06 -0.47 0.00	19.46 -0.44 0.00	18.19 -0.39 0.00	15.72 -0.30 0.00
NEPA___ENERGY 23901	18.30 0.00 0.00	16.42 0.05 0.00	16.31 -0.02 0.00	15.48 0.03 0.00	15.49 0.02 0.00	16.21 -0.11 0.00	18.90 0.08 0.00	20.34 -0.35 0.00	19.88 -0.79 0.00	19.47 -0.50 0.00	19.28 -0.56 0.00	19.18 -0.55 0.00	19.20 -0.51 0.00	19.44 -0.50 0.00	19.13 -0.59 0.00	19.30 -0.64 0.00	19.72 -0.59 0.00	25.65 -0.10 0.00	28.75 -0.86 0.00	26.40 -0.68 0.00	23.06 -0.47 0.00	19.34 -0.56 0.00	18.08 -0.50 0.00	15.66 -0.37 0.00
NEVERSINK___HYD 23608	19.25 0.95 0.00	17.19 0.82 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.20 0.73 0.00	17.18 0.85 0.00	19.81 0.98 0.00	21.85 1.16 0.00	21.82 1.16 0.00	21.09 1.12 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.51 1.20 0.00	27.22 1.47 0.00	31.39 1.78 0.00	28.75 1.68 0.00	24.99 1.46 0.00	21.17 1.27 0.00	19.75 1.17 0.00	17.02 0.99 0.00
NEWKRMKL_115KV_TB1 55635	18.57 0.27 0.00	16.68 0.31 0.00	16.65 0.33 0.00	15.74 0.29 0.00	15.77 0.29 0.00	16.64 0.31 0.00	19.21 0.38 0.00	21.23 0.54 0.00	21.18 0.52 0.00	20.37 0.40 0.00	20.23 0.40 0.00	20.15 0.41 0.00	20.14 0.43 0.00	20.39 0.46 0.00	20.20 0.47 0.00	20.41 0.48 0.00	20.82 0.51 0.00	26.32 0.57 0.00	30.35 0.74 0.00	27.73 0.65 0.00	24.09 0.56 0.00	20.38 0.48 0.00	19.07 0.48 0.00	16.43 0.40 0.00
NEWTON___FALLS_HYD 23847	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.83 -0.19 0.00
NGRID_A1_DSASP 323792	17.51 -0.79 0.00	15.83 -0.54 0.00	15.57 -0.75 0.00	14.89 -0.56 0.00	14.95 -0.53 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.81 -1.86 0.00	18.44 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.84 -1.19 0.00
NGRID_A2_DSASP 323793	17.51 -0.79 0.00	15.83 -0.54 0.00	15.57 -0.75 0.00	14.89 -0.56 0.00	14.95 -0.53 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.81 -1.86 0.00	18.44 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.84 -1.19 0.00

NGRID_A4_DSASP 323807	17.51 -0.79 0.00	15.83 -0.54 0.00	15.57 -0.75 0.00	14.89 -0.56 0.00	14.95 -0.53 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.81 -1.86 0.00	18.44 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.84 -1.19 0.00
NIAGARA_115E_LBMP 323715	17.51 -0.79 0.00	15.76 -0.61 0.00	15.70 -0.62 0.00	15.01 -0.43 0.00	15.07 -0.40 0.00	15.63 -0.70 0.00	18.11 -0.72 0.00	19.28 -1.41 0.00	18.87 -1.80 0.00	18.50 -1.48 0.00	18.31 -1.53 0.00	18.21 -1.52 0.00	18.25 -1.46 0.00	18.46 -1.47 0.00	18.16 -1.56 0.00	18.34 -1.60 0.00	18.72 -1.58 0.00	24.44 -1.31 0.00	27.09 -2.52 0.00	24.88 -2.19 0.00	21.76 -1.77 0.00	18.37 -1.53 0.00	17.21 -1.37 0.00	14.89 -1.14 0.00
NIAGARA_115W_LBMP 323714	17.47 -0.82 0.00	15.80 -0.57 0.00	15.52 -0.80 0.00	14.86 -0.59 0.00	14.90 -0.57 0.00	15.45 -0.88 0.00	17.94 -0.88 0.00	19.18 -1.51 0.00	18.75 -1.92 0.00	18.37 -1.60 0.00	18.19 -1.65 0.00	18.09 -1.64 0.00	18.13 -1.58 0.00	18.36 -1.58 0.00	18.07 -1.66 0.00	18.24 -1.69 0.00	18.62 -1.69 0.00	24.29 -1.47 0.00	26.92 -2.69 0.00	24.72 -2.36 0.00	21.62 -1.91 0.00	18.25 -1.65 0.00	17.10 -1.49 0.00	14.81 -1.22 0.00
NIAGARA_230_LBMP 323716	17.69 -0.60 0.00	15.93 -0.44 0.00	15.77 -0.55 0.00	15.07 -0.37 0.00	15.13 -0.34 0.00	15.69 -0.64 0.00	18.23 -0.60 0.00	19.49 -1.20 0.00	19.08 -1.59 0.00	18.69 -1.28 0.00	18.51 -1.33 0.00	18.41 -1.32 0.00	18.43 -1.28 0.00	18.66 -1.28 0.00	18.36 -1.36 0.00	18.54 -1.40 0.00	18.93 -1.38 0.00	24.68 -1.08 0.00	27.39 -2.22 0.00	25.15 -1.92 0.00	22.00 -1.53 0.00	18.55 -1.35 0.00	17.39 -1.19 0.00	15.05 -0.98 0.00
NIAGARA__115KV_198_GIBSON 55903	17.42 -0.88 0.00	15.75 -0.62 0.00	15.52 -0.80 0.00	14.75 -0.70 0.00	14.75 -0.73 0.00	15.45 -0.88 0.00	17.96 -0.87 0.00	19.16 -1.53 0.00	18.72 -1.94 0.00	18.37 -1.60 0.00	18.19 -1.65 0.00	18.09 -1.64 0.00	18.13 -1.58 0.00	18.36 -1.57 0.00	18.07 -1.66 0.00	18.22 -1.71 0.00	18.62 -1.69 0.00	24.29 -1.47 0.00	26.92 -2.69 0.00	24.72 -2.36 0.00	21.62 -1.91 0.00	18.25 -1.65 0.00	17.12 -1.47 0.00	14.86 -1.17 0.00
NIAGARA____ 23760	17.69 -0.60 0.00	15.93 -0.44 0.00	15.77 -0.55 0.00	15.07 -0.37 0.00	15.13 -0.34 0.00	15.69 -0.64 0.00	18.23 -0.60 0.00	19.49 -1.20 0.00	19.08 -1.59 0.00	18.69 -1.28 0.00	18.51 -1.33 0.00	18.41 -1.32 0.00	18.43 -1.28 0.00	18.66 -1.28 0.00	18.36 -1.36 0.00	18.54 -1.40 0.00	18.93 -1.38 0.00	24.68 -1.08 0.00	27.39 -2.22 0.00	25.15 -1.92 0.00	22.00 -1.53 0.00	18.55 -1.35 0.00	17.39 -1.19 0.00	15.05 -0.98 0.00
NINE_MILE_1 23575	17.88 -0.42 0.00	16.01 -0.36 0.00	15.95 -0.37 0.00	15.10 -0.34 0.00	15.13 -0.34 0.00	15.95 -0.37 0.00	18.38 -0.45 0.00	20.09 -0.60 0.00	20.03 -0.64 0.00	19.39 -0.58 0.00	19.24 -0.59 0.00	19.14 -0.59 0.00	19.12 -0.59 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.68 -0.63 0.00	25.06 -0.69 0.00	28.72 -0.89 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
NINE_MILE_2 23744	17.88 -0.42 0.00	16.01 -0.36 0.00	15.95 -0.37 0.00	15.10 -0.34 0.00	15.13 -0.34 0.00	15.95 -0.37 0.00	18.38 -0.45 0.00	20.09 -0.60 0.00	20.03 -0.64 0.00	19.39 -0.58 0.00	19.24 -0.59 0.00	19.14 -0.59 0.00	19.12 -0.59 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.68 -0.63 0.00	25.06 -0.69 0.00	28.72 -0.89 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
NM_CAPITAL____DRP 24208	18.64 0.35 0.00	16.73 0.36 0.00	16.70 0.38 0.00	15.78 0.34 0.00	15.82 0.34 0.00	16.69 0.36 0.00	19.26 0.43 0.00	21.31 0.62 0.00	21.25 0.58 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.20 0.47 0.00	20.20 0.49 0.00	20.45 0.52 0.00	20.25 0.53 0.00	20.49 0.56 0.00	20.90 0.59 0.00	26.43 0.67 0.00	30.47 0.86 0.00	27.83 0.76 0.00	24.16 0.64 0.00	20.46 0.56 0.00	19.12 0.54 0.00	16.48 0.45 0.00
NM_CENTRAL____DRP 24181	18.20 -0.09 0.00	16.30 -0.07 0.00	16.22 -0.10 0.00	15.37 -0.08 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.75 -0.08 0.00	20.50 -0.19 0.00	20.44 -0.23 0.00	19.79 -0.18 0.00	19.66 -0.18 0.00	19.55 -0.18 0.00	19.53 -0.18 0.00	19.78 -0.16 0.00	19.52 -0.20 0.00	19.74 -0.20 0.00	20.10 -0.20 0.00	25.60 -0.15 0.00	29.34 -0.27 0.00	26.89 -0.19 0.00	23.34 -0.19 0.00	19.72 -0.18 0.00	18.40 -0.19 0.00	15.88 -0.14 0.00
NM_FRONTIER____DRP 24179	17.42 -0.88 0.00	15.75 -0.62 0.00	15.52 -0.80 0.00	14.75 -0.70 0.00	14.75 -0.73 0.00	15.45 -0.88 0.00	17.96 -0.87 0.00	19.16 -1.53 0.00	18.72 -1.94 0.00	18.37 -1.60 0.00	18.19 -1.65 0.00	18.09 -1.64 0.00	18.13 -1.58 0.00	18.36 -1.57 0.00	18.07 -1.66 0.00	18.22 -1.71 0.00	18.62 -1.69 0.00	24.29 -1.47 0.00	26.92 -2.69 0.00	24.72 -2.36 0.00	21.62 -1.91 0.00	18.25 -1.65 0.00	17.12 -1.47 0.00	14.86 -1.17 0.00
NM_ST_REGIS____HYD 24053	18.19 -0.11 0.00	16.19 -0.18 0.00	16.17 -0.15 0.00	15.32 -0.12 0.00	15.32 -0.15 0.00	16.17 -0.16 0.00	18.66 -0.17 0.00	20.53 -0.17 0.00	20.73 0.06 0.00	20.01 0.04 0.00	19.88 0.04 0.00	19.69 -0.04 0.00	19.71 0.00 0.00	19.89 -0.04 0.00	19.68 -0.04 0.00	19.87 -0.06 0.00	20.17 -0.14 0.00	25.42 -0.33 0.00	29.34 -0.27 0.00	26.72 -0.35 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.43 -0.15 0.00	15.96 -0.06 0.00
NORTHPORT____1 23551	19.52 1.28 0.05	17.58 1.21 0.00	17.48 1.16 0.00	16.60 1.16 0.00	16.61 1.13 0.00	17.54 1.21 0.00	20.17 1.37 0.03	21.50 1.72 0.90	21.81 1.88 0.73	20.81 1.82 0.98	20.96 1.80 0.68	22.90 1.84 -1.33	24.67 1.71 -3.24	24.50 1.71 -2.85	24.65 1.74 -3.20	24.20 1.77 -2.49	25.16 1.87 -2.99	27.11 1.57 0.22	29.87 1.69 1.43	28.32 1.60 0.36	25.66 2.09 -0.04	25.10 1.77 -3.43	20.70 1.77 -0.35	17.37 1.47 0.13
NORTHPORT____2 23552	19.52 1.28 0.05	17.58 1.21 0.00	17.48 1.16 0.00	16.60 1.16 0.00	16.61 1.13 0.00	17.54 1.21 0.00	20.17 1.37 0.03	21.50 1.72 0.90	21.81 1.88 0.73	20.81 1.82 0.98	20.96 1.80 0.68	22.90 1.84 -1.33	24.67 1.71 -3.24	24.50 1.71 -2.85	24.65 1.74 -3.20	24.20 1.77 -2.49	25.16 1.87 -2.99	27.11 1.57 0.22	29.87 1.69 1.43	28.32 1.60 0.36	25.66 2.09 -0.04	25.10 1.77 -3.43	20.70 1.77 -0.35	17.37 1.47 0.13
NORTHPORT____3 23553	19.49 1.26 0.06	17.44 1.08 0.01	17.18 0.86 0.00	16.29 0.85 0.00	16.29 0.82 0.01	17.45 1.13 0.01	20.24 1.45 0.04	21.45 1.68 0.91	21.60 1.67 0.74	20.54 1.56 0.99	20.63 1.47 0.67	22.53 1.46 -1.34	24.38 1.42 -3.25	24.21 1.42 -2.86	24.39 1.48 -3.19	23.91 1.50 -2.48	24.79 1.50 -2.98	26.69 1.16 0.22	29.53 1.36 1.44	27.98 1.27 0.36	25.27 1.70 -0.05	24.87 1.55 -3.42	20.54 1.62 -0.34	17.30 1.41 0.14

NORTHPORT___4 23650	19.49 1.26 0.06	17.44 1.08 0.01	17.18 0.86 0.00	16.29 0.85 0.00	16.29 0.82 0.01	17.45 1.13 0.01	20.24 1.45 0.04	21.45 1.68 0.91	21.60 1.67 0.74	20.54 1.56 0.99	20.63 1.47 0.67	22.53 1.46 -1.34	24.38 1.42 -3.25	24.21 1.42 -2.86	24.39 1.48 -3.19	23.91 1.50 -2.48	24.79 1.50 -2.98	26.69 1.16 0.22	29.53 1.36 1.44	27.98 1.27 0.36	25.27 1.70 -0.05	24.87 1.55 -3.42	20.54 1.62 -0.34	17.30 1.41 0.14
NORTHPORT___IC 23718	19.52 1.28 0.05	17.58 1.21 0.00	17.48 1.16 0.00	16.60 1.16 0.00	16.61 1.13 0.00	17.54 1.21 0.00	20.17 1.37 0.03	21.50 1.72 0.90	21.81 1.88 0.73	20.81 1.82 0.98	20.96 1.80 0.68	22.90 1.84 -1.33	24.67 1.71 -3.24	24.50 1.71 -2.85	24.65 1.74 -3.20	24.20 1.77 -2.49	25.16 1.87 -2.99	27.11 1.57 0.22	29.87 1.69 1.43	28.32 1.60 0.36	25.66 2.09 -0.04	25.10 1.77 -3.43	20.70 1.77 -0.35	17.37 1.47 0.13
NORTH___COUNTRY_ESR 323785	18.37 0.07 0.00	16.37 0.00 0.00	16.39 0.07 0.00	15.54 0.09 0.00	15.52 0.05 0.00	16.38 0.05 0.00	18.91 0.08 0.00	20.84 0.15 0.00	21.04 0.37 0.00	20.33 0.36 0.00	20.19 0.36 0.00	20.03 0.30 0.00	20.05 0.33 0.00	20.21 0.28 0.00	20.00 0.28 0.00	20.19 0.26 0.00	20.53 0.22 0.00	26.01 0.26 0.00	29.97 0.36 0.00	27.21 0.14 0.00	23.65 0.12 0.00	20.00 0.10 0.00	18.70 0.11 0.00	16.17 0.14 0.00
NPX_GEN_1385_PROXY 323591	19.39 1.15 0.05	17.53 1.16 0.00	17.35 1.03 0.00	16.60 1.16 0.00	16.61 1.13 0.00	17.51 1.18 0.00	20.17 1.37 0.03	21.50 1.72 0.90	21.81 1.88 0.73	20.82 1.84 0.98	20.92 1.76 0.68	22.50 1.44 -1.33	22.80 1.26 -1.83	24.00 1.22 -2.85	24.20 1.28 -3.20	23.84 1.42 -2.49	25.00 1.71 -2.99	27.11 1.57 0.22	30.08 1.90 1.43	28.32 1.60 0.36	25.54 1.98 -0.04	24.90 1.57 -3.43	20.68 1.75 -0.35	17.37 1.47 0.13
NPX_GEN_CSC 323557	24.91 1.83 -4.79	18.10 1.65 -0.08	17.87 1.53 -0.01	16.97 1.51 -0.01	17.02 1.49 -0.06	18.08 1.67 -0.08	23.66 1.98 -2.85	99.02 2.32 -76.01	85.54 2.44 -62.44	105.70 2.34 -83.39	155.60 2.30 -133.46	49.29 2.33 -27.23	32.30 2.25 -10.34	33.38 2.25 -11.19	33.39 2.29 -11.38	34.77 2.31 -12.53	50.01 2.42 -27.29	46.40 2.40 -18.25	152.33 2.63 -120.09	59.61 2.49 -30.05	33.68 2.78 -7.37	39.70 2.35 -17.45	31.70 2.30 -10.81	30.10 1.94 -12.14
NSINS_S_GLNS_FALLS 23858	18.90 0.60 0.00	16.96 0.59 0.00	16.88 0.55 0.00	15.95 0.51 0.00	15.99 0.51 0.00	16.87 0.54 0.00	19.58 0.75 0.00	21.64 0.95 0.00	21.62 0.95 0.00	20.83 0.86 0.00	20.69 0.85 0.00	20.60 0.87 0.00	20.54 0.83 0.00	20.79 0.86 0.00	20.55 0.83 0.00	20.81 0.88 0.00	21.24 0.93 0.00	26.89 1.13 0.00	31.09 1.48 0.00	28.40 1.33 0.00	24.59 1.06 0.00	20.79 0.90 0.00	19.38 0.80 0.00	16.65 0.63 0.00
NUCOR_STEEL___DRP 24197	18.52 0.22 0.00	16.56 0.20 0.00	16.50 0.18 0.00	15.61 0.17 0.00	15.68 0.20 0.00	16.54 0.21 0.00	19.11 0.28 0.00	20.90 0.21 0.00	20.79 0.12 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.91 0.18 0.00	19.91 0.20 0.00	20.13 0.20 0.00	19.86 0.14 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.12 0.36 0.00	29.91 0.30 0.00	27.43 0.35 0.00	23.79 0.26 0.00	20.08 0.18 0.00	18.71 0.13 0.00	16.16 0.13 0.00
NUMBER_THREE_WT_PWR 323818	18.28 -0.02 0.00	16.32 -0.05 0.00	16.24 -0.08 0.00	15.38 -0.06 0.00	15.43 -0.05 0.00	16.30 -0.03 0.00	18.85 0.02 0.00	20.63 -0.06 0.00	20.63 -0.04 0.00	19.91 -0.06 0.00	19.76 -0.08 0.00	19.59 -0.14 0.00	19.53 -0.18 0.00	19.77 -0.16 0.00	19.52 -0.20 0.00	19.77 -0.16 0.00	20.17 -0.14 0.00	25.65 -0.10 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.56 -0.02 0.00	16.00 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	18.30 0.00 0.00	16.37 0.00 0.00	16.32 0.00 0.00	15.44 0.00 0.00	15.48 0.00 0.00	16.33 0.00 0.00	18.83 0.00 0.00	20.69 0.00 0.00	20.67 0.00 0.00	19.97 0.00 0.00	19.84 0.00 0.00	19.73 0.00 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.72 0.00 0.00	19.93 0.00 0.00	20.31 0.00 0.00	25.76 0.00 0.00	29.61 0.00 0.00	27.08 0.00 0.00	23.53 0.00 0.00	19.90 0.00 0.00	18.58 0.00 0.00	16.03 0.00 0.00
NYPA_BRENTWD___GT 24164	20.95 1.54 -1.11	17.79 1.41 -0.02	17.64 1.32 0.00	16.74 1.30 0.00	16.76 1.27 -0.01	17.75 1.40 -0.02	21.15 1.66 -0.66	40.41 1.99 -17.73	37.35 2.11 -14.57	41.41 1.98 -19.46	53.63 1.96 -31.83	29.39 2.05 -7.61	26.63 1.95 -4.97	26.76 1.95 -4.87	26.89 1.99 -5.18	26.87 2.01 -4.92	31.29 2.11 -8.87	31.97 1.96 -4.26	59.58 1.95 -28.01	36.03 1.95 -7.01	27.75 2.40 -1.82	28.77 2.05 -6.82	23.47 2.01 -2.88	20.55 1.68 -2.84
NYPA_GOWANUS___GT5 24156	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NYPA_GOWANUS___GT6 24157	19.23 0.93 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.10 1.07 0.00
NYPA_HARLEM__RVR_GT1 24160	19.14 0.84 0.00	17.06 0.69 0.00	17.09 0.77 0.00	16.15 0.70 -0.01	16.16 0.68 0.00	17.05 0.72 0.00	19.56 0.73 0.01	21.68 0.99 0.01	21.73 1.07 0.01	21.02 1.06 0.01	21.00 1.17 0.01	20.95 1.22 0.01	20.85 1.14 0.01	21.04 1.12 0.01	20.86 1.14 0.01	21.02 1.10 0.01	21.44 1.14 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
NYPA_HARLEM__RVR_GT2 24161	19.14 0.84 0.00	17.06 0.69 0.00	17.09 0.77 0.00	16.15 0.70 -0.01	16.16 0.68 0.00	17.05 0.72 0.00	19.56 0.73 0.01	21.68 0.99 0.01	21.73 1.07 0.01	21.02 1.06 0.01	21.00 1.17 0.01	20.95 1.22 0.01	20.85 1.14 0.01	21.04 1.12 0.01	20.86 1.14 0.01	21.02 1.10 0.01	21.44 1.14 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
NYPA_KENT___GT 24152	19.23 0.93 0.00	17.14 0.77 0.00	17.14 0.82 0.00	16.19 0.74 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00

NYPA_POUCH1____GT 24155	19.25 0.95 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.87 1.20 0.00	21.13 1.16 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	21.00 1.28 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.20 1.44 0.00	31.36 1.75 0.00	28.75 1.68 0.00	24.92 1.39 0.00	21.19 1.29 0.00	19.85 1.26 0.00	17.12 1.09 0.00
NYPA_VERNON____GT2 24162	19.23 0.93 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00
NYPA_VERNON____GT3 24163	19.23 0.93 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00
NYPA____ASTORIA_CC1 323568	19.21 0.91 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.09 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.15 1.25 0.00	19.79 1.21 0.00	17.07 1.04 0.00
NYPA____ASTORIA_CC2 323569	19.21 0.91 0.00	17.14 0.77 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.20 0.73 0.00	17.11 0.78 0.00	19.66 0.83 0.00	21.79 1.10 0.00	21.84 1.18 0.00	21.13 1.16 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.15 1.22 0.00	21.55 1.24 0.00	27.09 1.34 0.00	31.24 1.63 0.00	28.65 1.57 0.00	24.87 1.34 0.00	21.15 1.25 0.00	19.79 1.21 0.00	17.07 1.04 0.00
NYPA____HOLTSVILL 23794	24.72 1.59 -4.83	17.89 1.44 -0.08	17.67 1.34 -0.01	16.78 1.33 -0.01	16.83 1.30 -0.06	17.86 1.45 -0.08	23.42 1.71 -2.88	99.52 2.05 -76.78	85.88 2.15 -63.06	106.26 2.06 -84.23	156.67 2.04 -134.79	49.27 2.05 -27.49	32.10 1.97 -10.42	33.18 1.97 -11.27	33.17 1.99 -11.46	34.57 2.01 -12.62	49.95 2.11 -27.53	46.15 1.96 -18.43	153.06 2.16 -121.29	59.46 2.03 -30.35	33.35 2.38 -7.45	39.54 2.05 -17.59	31.52 2.03 -10.91	30.00 1.72 -12.26
NYPA____HELLGATE_GT1 24158	19.14 0.84 0.00	17.06 0.69 0.00	17.09 0.77 0.00	16.15 0.70 -0.01	16.16 0.68 0.00	17.05 0.72 0.00	19.56 0.73 0.01	21.68 0.99 0.01	21.73 1.07 0.01	21.02 1.06 0.01	21.00 1.17 0.01	20.95 1.22 0.01	20.85 1.14 0.01	21.04 1.12 0.01	20.86 1.14 0.01	21.02 1.10 0.01	21.44 1.14 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
NYPA____HELLGATE_GT2 24159	19.14 0.84 0.00	17.06 0.69 0.00	17.09 0.77 0.00	16.15 0.70 -0.01	16.16 0.68 0.00	17.05 0.72 0.00	19.56 0.73 0.01	21.68 0.99 0.01	21.73 1.07 0.01	21.02 1.06 0.01	21.00 1.17 0.01	20.95 1.22 0.01	20.85 1.14 0.01	21.04 1.12 0.01	20.86 1.14 0.01	21.02 1.10 0.01	21.44 1.14 0.01	26.91 1.16 0.01	31.02 1.42 0.01	28.45 1.38 0.01	24.70 1.18 0.01	21.00 1.11 0.01	19.67 1.10 0.01	17.02 0.99 0.00
NYS_BARGE____HYD 23848	17.78 -0.51 0.00	15.99 -0.38 0.00	15.90 -0.42 0.00	15.20 -0.25 0.00	15.24 -0.23 0.00	15.82 -0.51 0.00	18.36 -0.47 0.00	19.61 -1.08 0.00	19.20 -1.47 0.00	18.81 -1.16 0.00	18.63 -1.21 0.00	18.53 -1.20 0.00	18.57 -1.14 0.00	18.78 -1.16 0.00	18.48 -1.24 0.00	18.66 -1.28 0.00	19.05 -1.26 0.00	24.85 -0.90 0.00	27.63 -1.98 0.00	25.37 -1.70 0.00	22.14 -1.39 0.00	18.68 -1.21 0.00	17.49 -1.10 0.00	15.13 -0.90 0.00
OAK ORCHARD____HYD 24046	18.19 -0.11 0.00	16.29 -0.08 0.00	16.16 -0.16 0.00	15.40 -0.05 0.00	15.46 -0.02 0.00	16.23 -0.10 0.00	18.77 -0.06 0.00	20.36 -0.33 0.00	20.19 -0.47 0.00	19.65 -0.32 0.00	19.50 -0.34 0.00	19.40 -0.34 0.00	19.42 -0.30 0.00	19.61 -0.32 0.00	19.35 -0.38 0.00	19.56 -0.38 0.00	19.94 -0.36 0.00	25.68 -0.08 0.00	29.14 -0.47 0.00	26.70 -0.38 0.00	23.13 -0.40 0.00	19.56 -0.34 0.00	18.25 -0.33 0.00	15.74 -0.29 0.00
OAKDALE__35_KV_LOAD 356122	18.50 0.20 0.00	16.56 0.20 0.00	16.50 0.18 0.00	15.61 0.17 0.00	15.66 0.19 0.00	16.49 0.16 0.00	19.09 0.26 0.00	20.88 0.19 0.00	20.75 0.08 0.00	20.11 0.14 0.00	19.98 0.14 0.00	19.85 0.12 0.00	19.85 0.14 0.00	20.07 0.14 0.00	19.82 0.10 0.00	20.03 0.10 0.00	20.43 0.12 0.00	26.09 0.33 0.00	29.85 0.24 0.00	27.35 0.27 0.00	23.76 0.24 0.00	20.04 0.14 0.00	18.71 0.13 0.00	16.14 0.11 0.00
OCC_CHEM____DRP 24175	17.45 -0.84 0.00	15.78 -0.59 0.00	15.57 -0.75 0.00	14.78 -0.66 0.00	14.79 -0.68 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.79 -1.88 0.00	18.43 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.89 -1.14 0.00
OH_GEN_PROXY 24063	17.71 -0.59 0.00	15.94 -0.43 0.00	15.78 -0.54 0.00	15.09 -0.35 0.00	15.15 -0.33 0.00	15.71 -0.62 0.00	18.27 -0.56 0.00	19.53 -1.16 0.00	19.14 -1.53 0.00	18.75 -1.22 0.00	18.57 -1.27 0.00	18.45 -1.28 0.00	18.49 -1.22 0.00	18.70 -1.24 0.00	18.42 -1.30 0.00	18.60 -1.34 0.00	18.99 -1.32 0.00	24.93 -1.00 -0.18	27.30 -2.13 0.18	25.23 -1.84 0.00	22.05 -1.48 0.00	18.61 -1.29 0.00	17.43 -1.15 0.00	15.08 -0.95 0.00
OLIN_CORP_DRP 24177	17.60 -0.70 0.00	15.76 -0.61 0.00	15.73 -0.59 0.00	14.93 -0.51 0.00	14.95 -0.53 0.00	15.66 -0.67 0.00	18.15 -0.68 0.00	19.33 -1.37 0.00	18.89 -1.78 0.00	18.53 -1.44 0.00	18.35 -1.49 0.00	18.25 -1.48 0.00	18.29 -1.42 0.00	18.52 -1.42 0.00	18.22 -1.50 0.00	18.38 -1.55 0.00	18.78 -1.52 0.00	24.49 -1.26 0.00	27.18 -2.43 0.00	24.96 -2.11 0.00	21.81 -1.72 0.00	18.41 -1.49 0.00	17.26 -1.32 0.00	14.97 -1.06 0.00
OLIN_CORP_DSASP 323712	17.51 -0.79 0.00	15.83 -0.54 0.00	15.57 -0.75 0.00	14.89 -0.56 0.00	14.95 -0.53 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.81 -1.86 0.00	18.44 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.84 -1.19 0.00

ONEIDA_HERK_LFGE 323681	18.48 0.18 0.00	16.52 0.15 0.00	16.45 0.13 0.00	15.58 0.14 0.00	15.63 0.15 0.00	16.49 0.16 0.00	19.07 0.24 0.00	20.88 0.19 0.00	20.87 0.21 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.87 0.14 0.00	19.81 0.10 0.00	20.08 0.14 0.00	19.82 0.10 0.00	20.05 0.12 0.00	20.45 0.14 0.00	26.01 0.26 0.00	29.94 0.33 0.00	27.40 0.33 0.00	23.79 0.26 0.00	20.12 0.22 0.00	18.77 0.19 0.00	16.17 0.14 0.00
ONEIDA___115KV_TB4 55905	18.64 0.35 0.00	16.68 0.31 0.00	16.60 0.28 0.00	15.72 0.28 0.00	15.77 0.29 0.00	16.66 0.33 0.00	19.24 0.41 0.00	21.06 0.37 0.00	21.02 0.35 0.00	20.33 0.36 0.00	20.17 0.34 0.00	20.03 0.30 0.00	19.99 0.28 0.00	20.25 0.32 0.00	20.00 0.28 0.00	20.23 0.30 0.00	20.61 0.30 0.00	26.25 0.49 0.00	30.14 0.53 0.00	27.62 0.54 0.00	23.98 0.45 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.30 0.27 0.00
ONONDAGA_REF_OCCRA 23987	18.28 -0.02 0.00	16.35 -0.02 0.00	16.29 -0.03 0.00	15.41 -0.03 0.00	15.48 0.00 0.00	16.31 -0.02 0.00	18.83 0.00 0.00	20.61 -0.08 0.00	20.54 -0.12 0.00	19.89 -0.08 0.00	19.76 -0.08 0.00	19.63 -0.10 0.00	19.63 -0.08 0.00	19.85 -0.08 0.00	19.62 -0.10 0.00	19.83 -0.10 0.00	20.21 -0.10 0.00	25.76 0.00 0.00	29.52 -0.09 0.00	27.02 -0.05 0.00	23.48 -0.05 0.00	19.82 -0.08 0.00	18.49 -0.09 0.00	15.95 -0.08 0.00
ONONDAGA___COGEN 23986	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
ONTARIO___LFGE 23819	18.53 0.24 0.00	16.60 0.23 0.00	16.48 0.16 0.00	15.66 0.22 0.00	15.74 0.26 0.00	16.54 0.21 0.00	19.17 0.34 0.00	20.90 0.21 0.00	20.75 0.08 0.00	20.17 0.20 0.00	19.98 0.14 0.00	19.85 0.12 0.00	19.85 0.14 0.00	20.09 0.16 0.00	19.80 0.08 0.00	20.03 0.10 0.00	20.43 0.12 0.00	26.24 0.49 0.00	29.91 0.30 0.00	27.43 0.35 0.00	23.79 0.26 0.00	20.04 0.14 0.00	18.68 0.09 0.00	16.09 0.06 0.00
ORANGEVILLE_WT_PWR 323706	18.17 -0.13 0.00	16.34 -0.03 0.00	16.21 -0.11 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.15 -0.18 0.00	18.75 -0.08 0.00	20.19 -0.50 0.00	19.82 -0.85 0.00	19.37 -0.60 0.00	19.18 -0.65 0.00	19.06 -0.67 0.00	19.08 -0.63 0.00	19.32 -0.62 0.00	19.01 -0.71 0.00	19.18 -0.76 0.00	19.58 -0.73 0.00	25.45 -0.31 0.00	28.52 -1.10 0.00	26.18 -0.89 0.00	22.85 -0.68 0.00	19.22 -0.68 0.00	17.97 -0.61 0.00	15.53 -0.50 0.00
ORANGEVILLE___ESR 323794	18.17 -0.13 0.00	16.34 -0.03 0.00	16.21 -0.11 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.15 -0.18 0.00	18.75 -0.08 0.00	20.19 -0.50 0.00	19.82 -0.85 0.00	19.37 -0.60 0.00	19.18 -0.65 0.00	19.06 -0.67 0.00	19.08 -0.63 0.00	19.32 -0.62 0.00	19.01 -0.71 0.00	19.18 -0.76 0.00	19.58 -0.73 0.00	25.45 -0.31 0.00	28.52 -1.10 0.00	26.18 -0.89 0.00	22.85 -0.68 0.00	19.22 -0.68 0.00	17.97 -0.61 0.00	15.53 -0.50 0.00
OSWEGATCHIE___HYD 24044	18.08 -0.22 0.00	16.11 -0.26 0.00	16.06 -0.26 0.00	15.21 -0.23 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.25 0.00	20.38 -0.31 0.00	20.48 -0.19 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.46 -0.28 0.00	19.42 -0.30 0.00	19.64 -0.30 0.00	19.41 -0.32 0.00	19.64 -0.30 0.00	19.96 -0.35 0.00	25.27 -0.49 0.00	29.17 -0.44 0.00	26.64 -0.43 0.00	23.15 -0.38 0.00	19.56 -0.34 0.00	18.32 -0.26 0.00	15.85 -0.18 0.00
OSWEGO___5 23606	17.95 -0.35 0.00	16.06 -0.31 0.00	16.00 -0.33 0.00	15.15 -0.29 0.00	15.20 -0.28 0.00	16.02 -0.31 0.00	18.45 -0.38 0.00	20.19 -0.50 0.00	20.13 -0.54 0.00	19.49 -0.48 0.00	19.34 -0.50 0.00	19.24 -0.49 0.00	19.22 -0.49 0.00	19.44 -0.50 0.00	19.21 -0.51 0.00	19.42 -0.52 0.00	19.78 -0.53 0.00	25.17 -0.59 0.00	28.87 -0.74 0.00	26.43 -0.65 0.00	22.94 -0.59 0.00	19.40 -0.50 0.00	18.12 -0.46 0.00	15.63 -0.40 0.00
OSWEGO___6 23613	17.95 -0.35 0.00	16.06 -0.31 0.00	16.00 -0.33 0.00	15.15 -0.29 0.00	15.20 -0.28 0.00	16.02 -0.31 0.00	18.45 -0.38 0.00	20.19 -0.50 0.00	20.13 -0.54 0.00	19.49 -0.48 0.00	19.34 -0.50 0.00	19.24 -0.49 0.00	19.22 -0.49 0.00	19.44 -0.50 0.00	19.21 -0.51 0.00	19.42 -0.52 0.00	19.78 -0.53 0.00	25.17 -0.59 0.00	28.87 -0.74 0.00	26.43 -0.65 0.00	22.94 -0.59 0.00	19.40 -0.50 0.00	18.12 -0.46 0.00	15.63 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	17.93 -0.37 0.00	16.14 -0.23 0.00	15.98 -0.34 0.00	15.18 -0.26 0.00	15.18 -0.29 0.00	15.90 -0.42 0.00	18.49 -0.34 0.00	19.76 -0.93 0.00	19.32 -1.34 0.00	18.95 -1.02 0.00	18.77 -1.07 0.00	18.67 -1.07 0.00	18.71 -1.01 0.00	18.94 -1.00 0.00	18.64 -1.08 0.00	18.80 -1.14 0.00	19.21 -1.10 0.00	25.06 -0.70 0.00	27.83 -1.78 0.00	25.56 -1.52 0.00	22.33 -1.20 0.00	18.84 -1.05 0.00	17.64 -0.95 0.00	15.29 -0.74 0.00
OXBOW___ 24026	17.76 -0.53 0.00	16.02 -0.34 0.00	15.82 -0.51 0.00	15.12 -0.33 0.00	15.17 -0.31 0.00	15.72 -0.60 0.00	18.28 -0.55 0.00	19.53 -1.16 0.00	19.12 -1.55 0.00	18.73 -1.24 0.00	18.55 -1.29 0.00	18.45 -1.28 0.00	18.49 -1.22 0.00	18.72 -1.22 0.00	18.42 -1.30 0.00	18.58 -1.36 0.00	18.97 -1.34 0.00	24.78 -0.98 0.00	27.48 -2.13 0.00	25.23 -1.84 0.00	22.05 -1.48 0.00	18.61 -1.29 0.00	17.43 -1.15 0.00	15.08 -0.95 0.00
OXY_CHEM_DSASP 323612	17.45 -0.84 0.00	15.78 -0.59 0.00	15.57 -0.75 0.00	14.78 -0.66 0.00	14.79 -0.68 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.79 -1.88 0.00	18.43 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.89 -1.14 0.00
OZONE_PARK_ESR 323760	19.30 1.01 0.00	17.25 0.88 0.00	17.19 0.87 0.00	16.28 0.83 0.00	16.31 0.84 0.00	17.24 0.91 0.00	19.85 1.02 0.00	22.02 1.32 0.00	22.05 1.38 0.00	21.29 1.32 0.00	21.24 1.41 0.00	21.19 1.46 0.00	21.09 1.38 0.00	21.29 1.36 0.00	21.10 1.38 0.00	21.31 1.38 0.00	21.73 1.42 0.00	27.33 1.57 0.00	31.48 1.87 0.00	28.89 1.81 0.00	25.11 1.58 0.00	21.31 1.41 0.00	19.94 1.36 0.00	17.15 1.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.45 -0.84 0.00	15.78 -0.59 0.00	15.57 -0.75 0.00	14.78 -0.66 0.00	14.79 -0.68 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.79 -1.88 0.00	18.43 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.89 -1.14 0.00

PACKARD__115KV_DUPONT_184 80571	17.45 -0.84 0.00	15.78 -0.59 0.00	15.57 -0.75 0.00	14.78 -0.66 0.00	14.79 -0.68 0.00	15.48 -0.85 0.00	18.00 -0.83 0.00	19.22 -1.47 0.00	18.79 -1.88 0.00	18.43 -1.54 0.00	18.25 -1.59 0.00	18.15 -1.58 0.00	18.17 -1.54 0.00	18.40 -1.53 0.00	18.10 -1.62 0.00	18.28 -1.65 0.00	18.66 -1.64 0.00	24.37 -1.39 0.00	26.98 -2.64 0.00	24.77 -2.30 0.00	21.67 -1.86 0.00	18.29 -1.61 0.00	17.15 -1.43 0.00	14.89 -1.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.19 0.90 0.00	17.12 0.75 0.00	17.11 0.78 0.00	16.26 0.82 0.00	16.26 0.79 0.00	17.08 0.75 0.00	19.58 0.75 0.00	21.68 0.99 0.00	21.76 1.10 0.00	21.03 1.06 0.00	21.01 1.17 0.00	20.97 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.07 1.14 0.00	21.47 1.16 0.00	26.99 1.24 0.00	31.12 1.51 0.00	28.54 1.46 0.00	24.78 1.25 0.00	21.05 1.15 0.00	19.74 1.15 0.00	17.05 1.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.36 1.06 0.00	17.27 0.90 0.00	17.27 0.95 0.00	16.40 0.96 0.00	16.42 0.94 0.00	17.23 0.90 0.00	19.75 0.92 0.00	21.87 1.18 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.03 1.32 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.22 1.47 0.00	31.36 1.75 0.00	28.75 1.68 0.00	24.94 1.41 0.00	21.21 1.31 0.00	19.88 1.30 0.00	17.20 1.17 0.00
PATROON__115KV_TB1 80586	18.61 0.31 0.00	16.71 0.34 0.00	16.68 0.36 0.00	15.77 0.32 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.24 0.41 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.19 0.45 0.00	20.18 0.47 0.00	20.43 0.50 0.00	20.23 0.51 0.00	20.47 0.54 0.00	20.86 0.55 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.14 0.61 0.00	20.44 0.54 0.00	19.12 0.54 0.00	16.46 0.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.30 0.00 0.00	16.42 0.05 0.00	16.29 -0.03 0.00	15.48 0.03 0.00	15.48 0.00 0.00	16.23 -0.10 0.00	18.90 0.08 0.00	20.28 -0.41 0.00	19.84 -0.83 0.00	19.43 -0.54 0.00	19.24 -0.60 0.00	19.14 -0.59 0.00	19.18 -0.53 0.00	19.42 -0.52 0.00	19.09 -0.63 0.00	19.28 -0.66 0.00	19.68 -0.63 0.00	25.65 -0.10 0.00	28.66 -0.95 0.00	26.32 -0.76 0.00	22.99 -0.54 0.00	19.32 -0.58 0.00	18.06 -0.52 0.00	15.66 -0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.28 0.99 0.00	17.25 0.88 0.00	17.15 0.83 0.00	16.25 0.80 0.00	16.25 0.77 0.00	17.18 0.85 0.00	19.81 0.98 0.00	21.99 1.30 0.00	22.03 1.36 0.00	21.27 1.30 0.00	21.15 1.31 0.00	21.09 1.36 0.00	21.01 1.30 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.27 1.34 0.00	21.65 1.34 0.00	27.33 1.57 0.00	31.54 1.92 0.00	28.89 1.81 0.00	25.08 1.55 0.00	21.25 1.35 0.00	19.85 1.26 0.00	17.02 0.99 0.00
PEEKSKILL____ 23653	19.12 0.82 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.09 0.65 0.00	16.11 0.63 0.00	17.06 0.74 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.07 1.10 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.83 1.12 0.00	21.05 1.12 0.00	20.87 1.14 0.00	21.09 1.16 0.00	21.48 1.18 0.00	27.04 1.29 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.92 0.90 0.00
PGE MADISON__WINDPWR 24146	19.52 1.23 0.00	17.45 1.08 0.00	17.32 1.00 0.00	16.45 1.00 0.00	16.53 1.05 0.00	17.42 1.09 0.00	20.26 1.43 0.00	22.06 1.37 0.00	21.99 1.32 0.00	21.31 1.34 0.00	21.11 1.27 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.15 1.22 0.00	20.83 1.10 0.00	21.07 1.14 0.00	21.53 1.22 0.00	27.61 1.86 0.00	31.71 2.10 0.00	29.11 2.03 0.00	25.25 1.72 0.00	21.27 1.37 0.00	19.79 1.21 0.00	16.99 0.96 0.00
PIERCEFIELD____HYD 23852	18.11 -0.18 0.00	16.12 -0.25 0.00	16.11 -0.21 0.00	15.26 -0.19 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.42 -0.27 0.00	20.58 -0.08 0.00	19.87 -0.10 0.00	19.74 -0.10 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.78 -0.16 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.02 -0.28 0.00	25.22 -0.54 0.00	29.11 -0.50 0.00	26.53 -0.54 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.34 -0.24 0.00	15.88 -0.14 0.00
PINELAWN_CC_1 323563	20.02 1.37 -0.35	17.62 1.24 -0.01	17.45 1.13 0.00	16.56 1.11 0.00	16.56 1.08 0.00	17.59 1.26 -0.01	20.52 1.49 -0.21	28.00 1.80 -5.51	27.10 1.90 -4.54	27.83 1.80 -6.06	32.12 1.76 -10.52	25.04 1.81 -3.49	25.29 1.73 -3.84	25.22 1.73 -3.55	25.37 1.78 -3.88	25.05 1.79 -3.32	27.19 1.87 -5.01	28.81 1.73 -1.32	40.25 1.92 -8.71	31.07 1.81 -2.18	26.32 2.14 -0.65	26.33 1.83 -4.60	21.63 1.82 -1.22	18.44 1.52 -0.89
PJM_GEN_HTP_PROXY 323702	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.24 1.63 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
PJM_GEN_KEystone 24065	18.52 0.22 0.00	16.60 0.23 0.00	16.50 0.18 0.00	15.66 0.22 0.00	15.69 0.22 0.00	16.51 0.18 0.00	19.13 0.30 0.00	20.92 0.23 0.00	20.75 0.08 0.00	20.13 0.16 0.00	19.99 0.16 0.00	19.93 0.20 0.00	19.89 0.18 0.00	20.09 0.16 0.00	19.88 0.16 0.00	20.08 0.14 0.00	20.47 0.16 0.00	26.12 0.36 0.00	29.79 0.18 0.00	27.32 0.24 0.00	23.81 0.28 0.00	20.08 0.18 0.00	18.79 0.20 0.00	16.19 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.39 1.10 0.00	17.35 0.98 0.00	17.20 0.88 0.00	16.31 0.86 0.00	16.31 0.84 0.00	17.32 1.00 0.00	20.02 1.19 0.00	22.16 1.47 0.00	22.24 1.57 -0.01	21.48 1.50 -0.01	22.21 1.47 -0.91	22.87 1.50 -1.64	24.46 1.42 -3.33	24.30 1.42 -2.95	24.47 1.46 -3.29	24.02 1.48 -2.61	25.08 1.50 -3.27	27.09 1.34 0.00	31.12 1.51 0.00	28.51 1.43 0.00	25.35 1.70 -0.13	24.98 1.49 -3.59	20.54 1.49 -0.47	17.30 1.27 -0.01
PJM_GEN_VFT_PROXY 323633	19.08 0.79 0.00	17.07 0.70 0.00	17.02 0.70 0.00	16.08 0.63 0.00	16.11 0.63 0.00	17.08 0.75 0.00	19.66 0.83 0.00	21.81 1.12 0.00	21.82 1.16 0.00	21.11 1.14 0.00	21.03 1.19 0.00	20.98 1.24 0.00	20.87 1.16 0.00	21.07 1.14 0.00	20.90 1.18 0.00	21.11 1.18 0.00	21.51 1.20 0.00	26.99 1.24 0.00	31.09 1.48 0.00	28.56 1.49 0.00	24.87 1.34 0.00	21.11 1.21 0.00	19.75 1.17 0.00	16.97 0.95 0.00
PLATSBURG_115KV_PMLD1 355749	18.59 0.29 0.00	16.53 0.16 0.00	16.57 0.24 0.00	15.71 0.26 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.11 0.28 0.00	21.04 0.35 0.00	21.31 0.64 0.00	20.57 0.60 0.00	20.43 0.60 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.41 0.48 0.00	20.77 0.47 0.00	26.32 0.57 0.00	30.35 0.74 0.00	27.51 0.43 0.00	23.93 0.40 0.00	20.22 0.32 0.00	18.90 0.32 0.00	16.32 0.29 0.00

PLEASANTVLY___LBMP 24000	19.03 0.73 0.00	17.04 0.67 0.00	16.97 0.65 0.00	16.05 0.60 0.00	16.08 0.60 0.00	17.00 0.67 0.00	19.58 0.75 0.00	21.68 0.99 0.00	21.68 1.01 0.00	20.91 0.94 0.00	20.81 0.97 0.00	20.74 1.01 0.00	20.70 0.99 0.00	20.91 0.98 0.00	20.73 1.01 0.00	20.95 1.02 0.00	21.34 1.04 0.00	26.92 1.16 0.00	31.03 1.42 0.00	28.40 1.33 0.00	24.71 1.18 0.00	20.93 1.03 0.00	19.57 0.98 0.00	16.84 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.14 0.84 0.00	17.14 0.77 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.19 0.71 0.00	17.11 0.78 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.01 1.17 0.00	20.95 1.22 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.53 1.22 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.89 1.36 0.00	21.11 1.21 0.00	19.74 1.15 0.00	16.97 0.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.14 0.84 0.00	17.14 0.77 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.19 0.71 0.00	17.11 0.78 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.87 1.20 0.00	21.11 1.14 0.00	21.01 1.17 0.00	20.95 1.22 0.00	20.87 1.16 0.00	21.09 1.16 0.00	20.91 1.18 0.00	21.13 1.20 0.00	21.53 1.22 0.00	27.10 1.34 0.00	31.24 1.63 0.00	28.62 1.54 0.00	24.89 1.36 0.00	21.11 1.21 0.00	19.74 1.15 0.00	16.97 0.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.12 0.82 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.08 0.75 0.00	19.68 0.85 0.00	21.77 1.08 0.00	21.76 1.10 0.00	20.99 1.02 0.00	20.89 1.05 0.00	20.82 1.09 0.00	20.76 1.04 0.00	20.97 1.04 0.00	20.79 1.06 0.00	21.01 1.08 0.00	21.42 1.12 0.00	27.04 1.29 0.00	31.18 1.57 0.00	28.54 1.46 0.00	24.82 1.29 0.00	21.03 1.13 0.00	19.64 1.06 0.00	16.92 0.90 0.00
POLETTI____ 23519	15.54 0.84 3.60	15.56 0.75 1.57	17.09 0.77 0.00	16.17 0.73 0.00	16.20 0.73 0.00	17.13 0.80 0.00	19.71 0.88 0.00	21.85 1.16 0.00	21.89 1.22 0.00	21.13 1.16 0.00	21.07 1.23 0.00	21.03 1.30 0.00	20.91 1.20 0.00	21.13 1.20 0.00	20.94 1.22 0.00	21.15 1.22 0.00	21.57 1.26 0.00	17.12 1.31 9.95	19.41 1.57 11.77	17.86 1.54 10.76	17.12 1.36 7.77	17.12 1.23 4.01	17.12 1.19 2.65	15.92 0.98 1.08
POMONA___ESR 323819	19.12 0.82 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.09 0.65 0.00	16.11 0.63 0.00	17.08 0.75 0.00	19.70 0.87 0.00	21.81 1.12 0.00	21.80 1.14 0.00	21.05 1.08 0.00	20.97 1.13 0.00	20.92 1.18 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.07 1.14 0.00	21.48 1.18 0.00	27.07 1.31 0.00	31.21 1.60 0.00	28.62 1.54 0.00	24.89 1.36 0.00	21.07 1.17 0.00	19.70 1.11 0.00	16.94 0.91 0.00
PORT_JEFF_3 23555	24.75 1.63 -4.83	17.94 1.49 -0.08	17.70 1.37 -0.01	16.80 1.34 -0.01	16.86 1.33 -0.06	17.90 1.49 -0.08	23.47 1.77 -2.87	99.38 2.09 -76.60	85.76 2.17 -62.92	106.10 2.10 -84.03	156.38 2.06 -134.48	49.21 2.05 -27.43	32.04 1.93 -10.40	33.10 1.91 -11.25	33.10 1.93 -11.44	34.49 1.95 -12.60	49.81 2.03 -27.47	46.00 1.86 -18.39	152.64 2.01 -121.01	59.28 1.92 -30.28	33.24 2.28 -7.43	39.43 1.97 -17.56	31.48 2.01 -10.89	29.99 1.73 -12.23
PORT_JEFF_4 23616	24.75 1.63 -4.83	17.94 1.49 -0.08	17.70 1.37 -0.01	16.80 1.34 -0.01	16.86 1.33 -0.06	17.90 1.49 -0.08	23.47 1.77 -2.87	99.38 2.09 -76.60	85.76 2.17 -62.92	106.10 2.10 -84.03	156.38 2.06 -134.48	49.21 2.05 -27.43	32.04 1.93 -10.40	33.10 1.91 -11.25	33.10 1.93 -11.44	34.49 1.95 -12.60	49.81 2.03 -27.47	46.00 1.86 -18.39	152.64 2.01 -121.01	59.28 1.92 -30.28	33.24 2.28 -7.43	39.43 1.97 -17.56	31.48 2.01 -10.89	29.99 1.73 -12.23
PORT_JEFF_IC 23713	24.82 1.66 -4.86	17.97 1.50 -0.09	17.72 1.39 -0.01	16.82 1.36 -0.01	16.89 1.35 -0.07	17.94 1.52 -0.09	23.54 1.81 -2.90	99.87 2.13 -77.05	86.12 2.17 -63.29	106.57 2.08 -84.52	157.11 2.04 -135.23	49.34 2.05 -27.56	32.13 1.99 -10.43	33.20 1.97 -11.29	33.21 1.99 -11.50	34.62 2.01 -12.67	49.98 2.05 -27.62	46.14 1.88 -18.51	153.39 2.07 -121.71	59.49 1.95 -30.46	33.30 2.31 -7.46	39.60 2.05 -17.65	31.60 2.06 -10.96	30.10 1.76 -12.31
PPL PILGRIM_ST_GT1 24216	20.95 1.54 -1.11	17.79 1.41 -0.02	17.64 1.32 0.00	16.74 1.30 0.00	16.76 1.27 -0.01	17.75 1.40 -0.02	21.15 1.66 -0.66	40.41 1.99 -17.73	37.35 2.11 -14.57	41.41 1.98 -19.46	53.63 1.96 -31.83	29.39 2.05 -7.61	26.63 1.95 -4.97	26.76 1.95 -4.87	26.89 1.99 -5.18	26.87 2.01 -4.92	31.29 2.11 -8.87	31.97 1.96 -4.26	59.58 1.95 -28.01	36.03 1.95 -7.01	27.75 2.40 -1.82	28.77 2.05 -6.82	23.47 2.01 -2.88	20.55 1.68 -2.84
PPL PILGRIM_ST_GT2 24217	20.95 1.54 -1.11	17.79 1.41 -0.02	17.64 1.32 0.00	16.74 1.30 0.00	16.76 1.27 -0.01	17.75 1.40 -0.02	21.15 1.66 -0.66	40.41 1.99 -17.73	37.35 2.11 -14.57	41.41 1.98 -19.46	53.63 1.96 -31.83	29.39 2.05 -7.61	26.63 1.95 -4.97	26.76 1.95 -4.87	26.89 1.99 -5.18	26.87 2.01 -4.92	31.29 2.11 -8.87	31.97 1.96 -4.26	59.58 1.95 -28.01	36.03 1.95 -7.01	27.75 2.40 -1.82	28.77 2.05 -6.82	23.47 2.01 -2.88	20.55 1.68 -2.84
PPL_SHRM_GT3 24213	24.90 1.85 -4.76	18.12 1.67 -0.08	17.88 1.55 -0.01	16.98 1.53 -0.01	17.04 1.50 -0.06	18.10 1.68 -0.08	23.64 1.98 -2.84	98.55 2.32 -75.54	85.17 2.46 -62.05	105.20 2.36 -82.87	154.78 2.32 -132.62	49.14 2.35 -27.07	32.25 2.25 -10.30	33.32 2.25 -11.13	33.34 2.29 -11.33	34.73 2.33 -12.47	49.88 2.44 -27.14	46.32 2.42 -18.14	151.61 2.67 -119.34	59.46 2.52 -29.86	33.65 2.80 -7.33	39.63 2.37 -17.37	31.63 2.30 -10.75	30.05 1.95 -12.06
PPL_SHRM_GT4 24214	24.90 1.85 -4.76	18.12 1.67 -0.08	17.88 1.55 -0.01	16.98 1.53 -0.01	17.04 1.50 -0.06	18.10 1.68 -0.08	23.64 1.98 -2.84	98.55 2.32 -75.54	85.17 2.46 -62.05	105.20 2.36 -82.87	154.78 2.32 -132.62	49.14 2.35 -27.07	32.25 2.25 -10.30	33.32 2.25 -11.13	33.34 2.29 -11.33	34.73 2.33 -12.47	49.88 2.44 -27.14	46.32 2.42 -18.14	151.61 2.67 -119.34	59.46 2.52 -29.86	33.65 2.80 -7.33	39.63 2.37 -17.37	31.63 2.30 -10.75	30.05 1.95 -12.06
PROJECT___ORANGE 1 24174	18.22 -0.07 0.00	16.30 -0.07 0.00	16.24 -0.08 0.00	15.37 -0.08 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.77 -0.06 0.00	20.53 -0.17 0.00	20.46 -0.21 0.00	19.81 -0.16 0.00	19.68 -0.16 0.00	19.55 -0.18 0.00	19.55 -0.16 0.00	19.80 -0.14 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.12 -0.18 0.00	25.63 -0.13 0.00	29.37 -0.24 0.00	26.91 -0.16 0.00	23.36 -0.16 0.00	19.72 -0.18 0.00	18.42 -0.17 0.00	15.88 -0.14 0.00
PROJECT___ORANGE 2 24166	18.22 -0.07 0.00	16.30 -0.07 0.00	16.24 -0.08 0.00	15.37 -0.08 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.77 -0.06 0.00	20.53 -0.17 0.00	20.46 -0.21 0.00	19.81 -0.16 0.00	19.68 -0.16 0.00	19.55 -0.18 0.00	19.55 -0.16 0.00	19.80 -0.14 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.12 -0.18 0.00	25.63 -0.13 0.00	29.37 -0.24 0.00	26.91 -0.16 0.00	23.36 -0.16 0.00	19.72 -0.18 0.00	18.42 -0.17 0.00	15.88 -0.14 0.00

PUCKETT___SOLAR 323809	18.75 0.46 0.00	16.78 0.41 0.00	16.70 0.38 0.00	15.83 0.39 0.00	15.89 0.42 0.00	16.72 0.39 0.00	19.38 0.55 0.00	21.19 0.50 0.00	21.06 0.39 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.09 0.36 0.00	20.07 0.36 0.00	20.31 0.38 0.00	20.06 0.33 0.00	20.27 0.34 0.00	20.71 0.41 0.00	26.48 0.72 0.00	30.32 0.71 0.00	27.81 0.73 0.00	24.16 0.64 0.00	20.38 0.48 0.00	18.99 0.41 0.00	16.36 0.34 0.00
PYRITES___HYD 24023	18.30 0.00 0.00	16.29 -0.08 0.00	16.26 -0.07 0.00	15.40 -0.05 0.00	15.40 -0.08 0.00	16.25 -0.08 0.00	18.77 -0.06 0.00	20.61 -0.08 0.00	20.79 0.12 0.00	20.07 0.10 0.00	19.94 0.10 0.00	19.75 0.02 0.00	19.75 0.04 0.00	19.95 0.02 0.00	19.72 0.00 0.00	19.93 0.00 0.00	20.25 -0.06 0.00	25.55 -0.21 0.00	29.55 -0.06 0.00	26.94 -0.14 0.00	23.43 -0.09 0.00	19.80 -0.10 0.00	18.56 -0.02 0.00	16.04 0.02 0.00
QUAKERRD_115KV_BK1 80622	18.22 -0.07 0.00	16.30 -0.07 0.00	16.21 -0.11 0.00	15.35 -0.09 0.00	15.40 -0.08 0.00	16.26 -0.07 0.00	18.79 -0.04 0.00	20.44 -0.25 0.00	20.32 -0.35 0.00	19.75 -0.22 0.00	19.60 -0.24 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.66 -0.28 0.00	20.04 -0.26 0.00	25.73 -0.03 0.00	29.28 -0.33 0.00	26.83 -0.24 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.83 -0.19 0.00
QUENSBRY_115KV_TB8 356137	18.88 0.59 0.00	16.96 0.59 0.00	16.86 0.54 0.00	15.94 0.49 0.00	15.97 0.50 0.00	16.85 0.52 0.00	19.56 0.73 0.00	21.62 0.93 0.00	21.62 0.95 0.00	20.85 0.88 0.00	20.71 0.87 0.00	20.60 0.87 0.00	20.52 0.81 0.00	20.79 0.86 0.00	20.55 0.83 0.00	20.79 0.86 0.00	21.24 0.93 0.00	26.89 1.13 0.00	31.09 1.48 0.00	28.40 1.33 0.00	24.59 1.06 0.00	20.77 0.88 0.00	19.36 0.78 0.00	16.64 0.61 0.00
RAMAPO___LBMP 323565	19.06 0.77 0.00	17.06 0.69 0.00	16.99 0.67 0.00	16.08 0.63 0.00	16.11 0.63 0.00	17.03 0.70 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.74 1.07 0.00	20.99 1.02 0.00	20.91 1.07 0.00	20.84 1.10 0.00	20.76 1.04 0.00	20.97 1.04 0.00	20.81 1.08 0.00	21.01 1.08 0.00	21.42 1.12 0.00	26.99 1.24 0.00	31.15 1.54 0.00	28.54 1.46 0.00	24.82 1.29 0.00	21.01 1.11 0.00	19.64 1.06 0.00	16.89 0.87 0.00
RANKINE____ 23646	18.17 -0.13 0.00	16.30 -0.07 0.00	16.17 -0.15 0.00	15.37 -0.08 0.00	15.37 -0.11 0.00	16.10 -0.23 0.00	18.74 -0.09 0.00	20.07 -0.62 0.00	19.63 -1.03 0.00	19.23 -0.74 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	18.98 -0.73 0.00	19.22 -0.72 0.00	18.91 -0.81 0.00	19.08 -0.86 0.00	19.50 -0.81 0.00	25.42 -0.33 0.00	28.31 -1.30 0.00	25.99 -1.08 0.00	22.71 -0.82 0.00	19.12 -0.78 0.00	17.90 -0.69 0.00	15.51 -0.51 0.00
RAVENSWOOD_GT2_1 24244	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT2_2 24245	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT2_3 24246	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT2_4 24247	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.19 1.26 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT3_1 24248	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT3_2 24249	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.15 1.18 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT3_3 24250	19.19 0.90 0.00	17.17 0.80 0.00	17.11 0.78 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.89 1.20 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.19 1.26 0.00	21.61 1.30 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.05 1.03 0.00
RAVENSWOOD_GT3_4 24251	19.19 0.90 0.00	17.17 0.80 0.00	17.11 0.78 0.00	16.20 0.76 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.89 1.20 0.00	21.93 1.26 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.19 1.26 0.00	21.61 1.30 0.00	27.15 1.39 0.00	31.30 1.69 0.00	28.70 1.62 0.00	24.96 1.44 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.05 1.03 0.00
RAVENSWOOD_GT_1 23729	19.23 0.93 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.09 1.36 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00



RAVENSWOOD_GT_10 24258	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_11 24259	19.17 0.88 0.00	17.14 0.77 0.00	17.11 0.78 0.00	16.16 0.71 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.17 1.27 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_4 24252	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_5 24254	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_6 24253	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_7 24255	19.17 0.88 0.00	17.15 0.79 0.00	17.09 0.77 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.89 1.20 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD_GT_9 24257	19.17 0.88 0.00	17.15 0.79 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.15 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD___1 23533	19.23 0.93 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.70 0.87 0.00	21.81 1.12 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00
RAVENSWOOD___2 23534	19.21 0.91 0.00	17.15 0.79 0.00	17.14 0.82 0.00	16.21 0.76 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.70 0.87 0.00	21.83 1.14 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.89 1.36 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00
RAVENSWOOD___3 23535	19.17 0.88 0.00	17.14 0.77 0.00	17.09 0.77 0.00	16.16 0.71 0.00	16.17 0.70 0.00	17.14 0.82 0.00	19.73 0.90 0.00	21.87 1.18 0.00	21.91 1.24 0.00	21.17 1.20 0.00	21.09 1.25 0.00	21.05 1.32 0.00	20.93 1.22 0.00	21.15 1.22 0.00	20.96 1.24 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.12 1.36 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.15 1.25 0.00	19.81 1.23 0.00	17.04 1.01 0.00
RAVENSWOOD___4 23820	19.21 0.91 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.19 0.74 -0.01	16.22 0.74 0.00	17.13 0.80 0.00	19.70 0.87 0.00	21.83 1.14 0.00	21.87 1.20 0.00	21.15 1.18 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.59 1.28 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.92 1.39 0.00	21.17 1.27 0.00	19.83 1.25 0.00	17.08 1.06 0.00
RCPL_TRUST___DRP 24196	19.19 0.90 0.00	17.17 0.80 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00
RED___ROCHESTER 323720	18.26 -0.04 0.00	16.34 -0.03 0.00	16.21 -0.11 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.27 -0.39 0.00	19.75 -0.22 0.00	19.58 -0.26 0.00	19.50 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.29 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.80 -0.22 0.00
REGAN___SOLAR 323812	19.01 0.71 0.00	17.11 0.74 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.03 0.70 0.00	19.86 1.03 0.00	21.95 1.26 0.00	21.89 1.22 0.00	21.03 1.06 0.00	20.69 0.85 0.00	20.60 0.87 0.00	20.52 0.81 0.00	20.91 0.98 0.00	20.67 0.95 0.00	21.05 1.12 0.00	21.59 1.28 0.00	27.30 1.55 0.00	31.71 2.10 0.00	28.97 1.89 0.00	24.94 1.41 0.00	21.05 1.15 0.00	19.55 0.97 0.00	16.73 0.70 0.00

RENSSELAER___COGEN 23796	18.55 0.26 0.00	16.66 0.29 0.00	16.63 0.31 0.00	15.71 0.26 0.00	15.74 0.26 0.00	16.62 0.29 0.00	19.19 0.36 0.00	21.21 0.52 0.00	21.16 0.50 0.00	20.35 0.38 0.00	20.19 0.36 0.00	20.11 0.37 0.00	20.10 0.39 0.00	20.35 0.42 0.00	20.18 0.45 0.00	20.39 0.46 0.00	20.79 0.49 0.00	26.30 0.54 0.00	30.32 0.71 0.00	27.70 0.62 0.00	24.07 0.54 0.00	20.38 0.48 0.00	19.05 0.46 0.00	16.41 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.50 1.21 0.00	17.55 1.18 0.00	17.42 1.09 0.00	16.45 1.00 0.00	16.48 1.01 0.00	17.37 1.05 0.00	20.30 1.47 0.00	22.45 1.76 0.00	22.47 1.80 0.00	21.69 1.72 0.00	21.52 1.69 0.00	21.39 1.66 0.00	21.19 1.48 0.00	21.47 1.53 0.00	21.14 1.42 0.00	21.43 1.50 0.00	21.89 1.58 0.00	27.74 1.98 0.00	32.16 2.55 0.00	29.38 2.30 0.00	25.46 1.93 0.00	21.49 1.59 0.00	20.00 1.41 0.00	17.13 1.11 0.00
REVERE_CPPR_DRP 24186	18.72 0.42 0.00	16.73 0.36 0.00	16.65 0.33 0.00	15.75 0.31 0.00	15.82 0.34 0.00	16.70 0.38 0.00	19.32 0.49 0.00	21.13 0.43 0.00	21.10 0.43 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.03 0.32 0.00	20.29 0.36 0.00	20.04 0.32 0.00	20.27 0.34 0.00	20.67 0.37 0.00	26.32 0.57 0.00	30.29 0.68 0.00	27.73 0.65 0.00	24.07 0.54 0.00	20.36 0.46 0.00	18.97 0.39 0.00	16.35 0.32 0.00
REYNOLDS_115KV_TB3 80639	18.72 0.42 0.00	16.79 0.43 0.00	16.76 0.44 0.00	15.83 0.39 0.00	15.86 0.39 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.37 0.68 0.00	21.33 0.66 0.00	20.51 0.54 0.00	20.37 0.54 0.00	20.26 0.53 0.00	20.28 0.57 0.00	20.53 0.60 0.00	20.33 0.61 0.00	20.57 0.64 0.00	20.98 0.67 0.00	26.53 0.77 0.00	30.59 0.98 0.00	27.94 0.87 0.00	24.28 0.75 0.00	20.54 0.64 0.00	19.20 0.61 0.00	16.54 0.51 0.00
RIVERBAY____ 323610	19.36 1.06 0.00	17.27 0.90 0.00	17.27 0.95 0.00	16.40 0.96 0.00	16.42 0.94 0.00	17.23 0.90 0.00	19.75 0.92 0.00	21.87 1.18 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.03 1.32 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.22 1.47 0.00	31.36 1.75 0.00	28.75 1.68 0.00	24.94 1.41 0.00	21.21 1.31 0.00	19.88 1.30 0.00	17.20 1.17 0.00
RIVERSDE_115KV_TB3 55908	18.64 0.35 0.00	16.73 0.36 0.00	16.70 0.38 0.00	15.78 0.34 0.00	15.82 0.34 0.00	16.69 0.36 0.00	19.26 0.43 0.00	21.31 0.62 0.00	21.25 0.58 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.20 0.47 0.00	20.20 0.49 0.00	20.45 0.52 0.00	20.25 0.53 0.00	20.49 0.56 0.00	20.90 0.59 0.00	26.43 0.67 0.00	30.47 0.86 0.00	27.83 0.76 0.00	24.16 0.64 0.00	20.46 0.56 0.00	19.12 0.54 0.00	16.48 0.45 0.00
ROARING___BROOK_WT_PWR 323790	18.26 -0.04 0.00	16.35 -0.02 0.00	16.32 0.00 0.00	15.44 0.00 0.00	15.49 0.02 0.00	16.35 0.02 0.00	18.87 0.04 0.00	20.71 0.02 0.00	20.69 0.02 0.00	19.99 0.02 0.00	19.86 0.02 0.00	19.75 0.02 0.00	19.71 0.00 0.00	19.93 0.00 0.00	19.72 0.00 0.00	19.91 -0.02 0.00	20.27 -0.04 0.00	25.63 -0.13 0.00	29.34 -0.27 0.00	26.78 -0.30 0.00	23.22 -0.31 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.79 -0.24 0.00
ROCHESRG_115KV_T4 355643	18.11 -0.18 0.00	16.22 -0.15 0.00	16.11 -0.21 0.00	15.29 -0.15 0.00	15.32 -0.15 0.00	16.18 -0.15 0.00	18.72 -0.11 0.00	20.30 -0.39 0.00	20.11 -0.56 0.00	19.59 -0.38 0.00	19.44 -0.40 0.00	19.34 -0.39 0.00	19.34 -0.37 0.00	19.56 -0.38 0.00	19.29 -0.43 0.00	19.50 -0.44 0.00	19.88 -0.43 0.00	25.58 -0.18 0.00	29.02 -0.59 0.00	26.59 -0.49 0.00	23.06 -0.47 0.00	19.50 -0.40 0.00	18.21 -0.37 0.00	15.72 -0.30 0.00
ROCHESTER_9_IC 23652	18.19 -0.11 0.00	16.27 -0.10 0.00	16.17 -0.15 0.00	15.34 -0.11 0.00	15.37 -0.11 0.00	16.25 -0.08 0.00	18.77 -0.06 0.00	20.38 -0.31 0.00	20.19 -0.48 0.00	19.67 -0.30 0.00	19.52 -0.32 0.00	19.42 -0.32 0.00	19.43 -0.28 0.00	19.64 -0.30 0.00	19.37 -0.35 0.00	19.58 -0.36 0.00	19.96 -0.35 0.00	25.70 -0.05 0.00	29.17 -0.44 0.00	26.72 -0.35 0.00	23.18 -0.35 0.00	19.58 -0.32 0.00	18.27 -0.32 0.00	15.77 -0.26 0.00
ROCKVIEW_13_KV_LD 356306	19.19 0.90 0.00	17.19 0.82 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.23 0.76 0.00	17.16 0.83 0.00	19.77 0.94 0.00	21.93 1.24 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.11 1.27 0.00	21.05 1.32 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.17 1.42 0.00	31.36 1.75 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.81 1.23 0.00	17.04 1.01 0.00
ROME____115KV_TB2 80656	18.72 0.42 0.00	16.73 0.36 0.00	16.65 0.33 0.00	15.75 0.31 0.00	15.82 0.34 0.00	16.70 0.38 0.00	19.32 0.49 0.00	21.13 0.43 0.00	21.10 0.43 0.00	20.39 0.42 0.00	20.23 0.40 0.00	20.07 0.34 0.00	20.03 0.32 0.00	20.29 0.36 0.00	20.04 0.32 0.00	20.27 0.34 0.00	20.67 0.37 0.00	26.32 0.57 0.00	30.29 0.68 0.00	27.73 0.65 0.00	24.07 0.54 0.00	20.36 0.46 0.00	18.97 0.39 0.00	16.35 0.32 0.00
ROSETON___1 23587	19.03 0.73 0.00	17.02 0.66 0.00	16.96 0.64 0.00	16.03 0.59 0.00	16.05 0.57 0.00	17.00 0.67 0.00	19.60 0.77 0.00	21.68 0.99 0.00	21.68 1.01 0.00	20.93 0.96 0.00	20.81 0.97 0.00	20.76 1.03 0.00	20.70 0.99 0.00	20.91 0.98 0.00	20.73 1.01 0.00	20.95 1.02 0.00	21.34 1.04 0.00	26.92 1.16 0.00	31.03 1.42 0.00	28.40 1.33 0.00	24.70 1.18 0.00	20.93 1.03 0.00	19.57 0.98 0.00	16.84 0.82 0.00
ROSETON___2 23588	19.03 0.73 0.00	17.02 0.66 0.00	16.96 0.64 0.00	16.03 0.59 0.00	16.05 0.57 0.00	17.00 0.67 0.00	19.60 0.77 0.00	21.68 0.99 0.00	21.68 1.01 0.00	20.93 0.96 0.00	20.81 0.97 0.00	20.76 1.03 0.00	20.70 0.99 0.00	20.91 0.98 0.00	20.73 1.01 0.00	20.95 1.02 0.00	21.34 1.04 0.00	26.92 1.16 0.00	31.03 1.42 0.00	28.40 1.33 0.00	24.70 1.18 0.00	20.93 1.03 0.00	19.57 0.98 0.00	16.84 0.82 0.00
ROTTDAM_115KV_TB3 80664	18.81 0.51 0.00	16.86 0.49 0.00	16.81 0.49 0.00	15.89 0.45 0.00	15.92 0.45 0.00	16.80 0.47 0.00	19.41 0.58 0.00	21.42 0.72 0.00	21.39 0.72 0.00	20.61 0.64 0.00	20.47 0.63 0.00	20.38 0.65 0.00	20.34 0.63 0.00	20.59 0.66 0.00	20.39 0.67 0.00	20.63 0.70 0.00	21.04 0.73 0.00	26.63 0.88 0.00	30.71 1.10 0.00	28.05 0.97 0.00	24.38 0.85 0.00	20.62 0.72 0.00	19.23 0.65 0.00	16.56 0.53 0.00
RUSSELL___1 23602	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00

RUSSELL___2 23532	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00
RUSSELL___3 23549	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00
RUSSELL___4 23556	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00
RUSSELL___STATION 23914	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00
S SALMON___HYD 24043	18.06 -0.24 0.00	16.16 -0.21 0.00	16.08 -0.24 0.00	15.23 -0.22 0.00	15.29 -0.19 0.00	16.13 -0.20 0.00	18.62 -0.21 0.00	20.36 -0.33 0.00	20.27 -0.39 0.00	19.61 -0.36 0.00	19.46 -0.38 0.00	19.34 -0.39 0.00	19.28 -0.43 0.00	19.52 -0.42 0.00	19.27 -0.45 0.00	19.48 -0.46 0.00	19.86 -0.45 0.00	25.32 -0.44 0.00	29.08 -0.53 0.00	26.64 -0.43 0.00	23.13 -0.40 0.00	19.56 -0.34 0.00	18.29 -0.30 0.00	15.75 -0.27 0.00
S.PERRY___115KV_TB1 80734	18.70 0.40 0.00	16.71 0.34 0.00	16.60 0.28 0.00	15.74 0.29 0.00	15.80 0.32 0.00	16.64 0.31 0.00	19.28 0.45 0.00	20.92 0.23 0.00	20.67 0.00 0.00	20.07 0.10 0.00	19.84 0.00 0.00	19.67 -0.06 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.62 -0.10 0.00	19.85 -0.08 0.00	20.31 0.00 0.00	26.35 0.59 0.00	29.97 0.36 0.00	27.51 0.43 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.69 0.11 0.00	16.12 0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.95 -0.35 0.00	16.12 -0.25 0.00	16.00 -0.33 0.00	15.18 -0.26 0.00	15.20 -0.28 0.00	15.92 -0.41 0.00	18.51 -0.32 0.00	19.80 -0.89 0.00	19.36 -1.30 0.00	18.97 -1.00 0.00	18.80 -1.03 0.00	18.71 -1.03 0.00	18.73 -0.99 0.00	18.96 -0.98 0.00	18.66 -1.06 0.00	18.84 -1.10 0.00	19.23 -1.08 0.00	25.09 -0.67 0.00	27.89 -1.72 0.00	25.61 -1.46 0.00	22.38 -1.15 0.00	18.86 -1.03 0.00	17.67 -0.91 0.00	15.32 -0.71 0.00
SAWYER___23_KV_LOAD 55526	17.95 -0.35 0.00	16.12 -0.25 0.00	16.00 -0.33 0.00	15.18 -0.26 0.00	15.20 -0.28 0.00	15.92 -0.41 0.00	18.51 -0.32 0.00	19.80 -0.89 0.00	19.36 -1.30 0.00	18.97 -1.00 0.00	18.80 -1.03 0.00	18.71 -1.03 0.00	18.73 -0.99 0.00	18.96 -0.98 0.00	18.66 -1.06 0.00	18.84 -1.10 0.00	19.23 -1.08 0.00	25.09 -0.67 0.00	27.89 -1.72 0.00	25.61 -1.46 0.00	22.38 -1.15 0.00	18.86 -1.03 0.00	17.67 -0.91 0.00	15.32 -0.71 0.00
SELKIRK___I 23801	18.73 0.44 0.00	16.81 0.44 0.00	16.78 0.46 0.00	15.85 0.40 0.00	15.88 0.40 0.00	16.75 0.42 0.00	19.34 0.51 0.00	21.37 0.68 0.00	21.31 0.64 0.00	20.51 0.54 0.00	20.37 0.54 0.00	20.26 0.53 0.00	20.26 0.55 0.00	20.51 0.58 0.00	20.31 0.59 0.00	20.53 0.60 0.00	20.94 0.63 0.00	26.50 0.75 0.00	30.56 0.95 0.00	27.92 0.84 0.00	24.23 0.71 0.00	20.52 0.62 0.00	19.18 0.59 0.00	16.51 0.48 0.00
SELKIRK___II 23799	18.66 0.37 0.00	16.73 0.36 0.00	16.70 0.38 0.00	15.77 0.32 0.00	15.80 0.33 0.00	16.69 0.36 0.00	19.26 0.43 0.00	21.27 0.58 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.20 0.47 0.00	20.20 0.49 0.00	20.43 0.50 0.00	20.25 0.53 0.00	20.47 0.54 0.00	20.88 0.57 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.16 0.64 0.00	20.46 0.56 0.00	19.12 0.54 0.00	16.46 0.43 0.00
SENECA OSWGO___HYD 24041	18.04 -0.26 0.00	16.16 -0.21 0.00	16.09 -0.23 0.00	15.23 -0.22 0.00	15.29 -0.19 0.00	16.12 -0.21 0.00	18.57 -0.26 0.00	20.32 -0.37 0.00	20.25 -0.41 0.00	19.61 -0.36 0.00	19.48 -0.36 0.00	19.36 -0.38 0.00	19.34 -0.38 0.00	19.58 -0.36 0.00	19.33 -0.39 0.00	19.54 -0.40 0.00	19.90 -0.41 0.00	25.34 -0.41 0.00	29.08 -0.53 0.00	26.62 -0.46 0.00	23.11 -0.42 0.00	19.52 -0.38 0.00	18.23 -0.35 0.00	15.72 -0.31 0.00
SENECA___115KV_TB3 355854	18.19 -0.11 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.40 -0.08 0.00	16.13 -0.20 0.00	18.77 -0.06 0.00	20.11 -0.58 0.00	19.65 -1.01 0.00	19.27 -0.70 0.00	19.08 -0.75 0.00	18.98 -0.75 0.00	19.02 -0.69 0.00	19.26 -0.68 0.00	18.93 -0.79 0.00	19.12 -0.82 0.00	19.52 -0.79 0.00	25.45 -0.31 0.00	28.37 -1.24 0.00	26.05 -1.03 0.00	22.75 -0.78 0.00	19.16 -0.74 0.00	17.93 -0.65 0.00	15.53 -0.50 0.00
SENECA___ENERGY 23797	18.35 0.06 0.00	16.42 0.05 0.00	16.32 0.00 0.00	15.49 0.05 0.00	15.57 0.09 0.00	16.38 0.05 0.00	18.94 0.11 0.00	20.67 -0.02 0.00	20.56 -0.10 0.00	19.95 -0.02 0.00	19.78 -0.06 0.00	19.65 -0.08 0.00	19.65 -0.06 0.00	19.89 -0.04 0.00	19.62 -0.10 0.00	19.86 -0.08 0.00	20.25 -0.06 0.00	25.94 0.18 0.00	29.64 0.03 0.00	27.16 0.08 0.00	23.55 0.02 0.00	19.86 -0.04 0.00	18.51 -0.07 0.00	15.96 -0.06 0.00
SHOEMAKER___GT 23640	18.97 0.68 0.00	16.97 0.61 0.00	16.91 0.59 0.00	15.98 0.54 0.00	16.00 0.53 0.00	16.95 0.62 0.00	19.54 0.72 0.00	21.58 0.89 0.00	21.56 0.89 0.00	20.81 0.84 0.00	20.71 0.87 0.00	20.64 0.91 0.00	20.56 0.85 0.00	20.79 0.86 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.22 0.91 0.00	26.81 1.06 0.00	30.91 1.30 0.00	28.30 1.22 0.00	24.61 1.08 0.00	20.83 0.94 0.00	19.46 0.87 0.00	16.76 0.74 0.00
SHOEMAKR_138KV_BK 111 55601	18.97 0.68 0.00	16.97 0.61 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.03 0.56 0.00	16.95 0.62 0.00	19.54 0.72 0.00	21.60 0.91 0.00	21.58 0.91 0.00	20.83 0.86 0.00	20.71 0.87 0.00	20.64 0.91 0.00	20.58 0.87 0.00	20.79 0.86 0.00	20.61 0.89 0.00	20.83 0.90 0.00	21.24 0.93 0.00	26.81 1.06 0.00	30.91 1.30 0.00	28.32 1.25 0.00	24.61 1.08 0.00	20.83 0.94 0.00	19.48 0.89 0.00	16.76 0.74 0.00

SHOREHAM_IC_1 23715	24.90 1.85 -4.76	18.12 1.67 -0.08	17.88 1.55 -0.01	16.98 1.53 -0.01	17.04 1.50 -0.06	18.10 1.68 -0.08	23.64 1.98 -2.84	98.55 2.32 -75.54	85.17 2.46 -62.05	105.20 2.36 -82.87	154.78 2.32 -132.62	49.14 2.35 -27.07	32.25 2.25 -10.30	33.32 2.25 -11.13	33.34 2.29 -11.33	34.73 2.33 -12.47	49.88 2.44 -27.14	46.32 2.42 -18.14	151.61 2.67 -119.34	59.46 2.52 -29.86	33.65 2.80 -7.33	39.63 2.37 -17.37	31.63 2.30 -10.75	30.05 1.95 -12.06
SHOREHAM_IC_2 23716	24.90 1.85 -4.76	18.12 1.67 -0.08	17.88 1.55 -0.01	16.98 1.53 -0.01	17.04 1.50 -0.06	18.10 1.68 -0.08	23.64 1.98 -2.84	98.55 2.32 -75.54	85.17 2.46 -62.05	105.20 2.36 -82.87	154.78 2.32 -132.62	49.14 2.35 -27.07	32.25 2.25 -10.30	33.32 2.25 -11.13	33.34 2.29 -11.33	34.73 2.33 -12.47	49.88 2.44 -27.14	46.32 2.42 -18.14	151.61 2.67 -119.34	59.46 2.52 -29.86	33.65 2.80 -7.33	39.63 2.37 -17.37	31.63 2.30 -10.75	30.05 1.95 -12.06
SISSONVILLE____ 23735	18.11 -0.18 0.00	16.12 -0.25 0.00	16.11 -0.21 0.00	15.26 -0.19 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.24 0.00	20.42 -0.27 0.00	20.58 -0.08 0.00	19.87 -0.10 0.00	19.74 -0.10 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.78 -0.16 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.02 -0.28 0.00	25.22 -0.54 0.00	29.11 -0.50 0.00	26.53 -0.54 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.34 -0.24 0.00	15.88 -0.14 0.00
SITHE_IND_GS1 24169	17.89 -0.40 0.00	16.02 -0.34 0.00	15.96 -0.36 0.00	15.12 -0.33 0.00	15.15 -0.33 0.00	15.97 -0.36 0.00	18.40 -0.43 0.00	20.11 -0.58 0.00	20.05 -0.62 0.00	19.39 -0.58 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.14 -0.57 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.70 -0.61 0.00	25.06 -0.69 0.00	28.75 -0.86 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
SITHE_IND_GS2 24170	17.89 -0.40 0.00	16.02 -0.34 0.00	15.96 -0.36 0.00	15.12 -0.33 0.00	15.15 -0.33 0.00	15.97 -0.36 0.00	18.40 -0.43 0.00	20.11 -0.58 0.00	20.05 -0.62 0.00	19.39 -0.58 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.14 -0.57 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.70 -0.61 0.00	25.06 -0.69 0.00	28.75 -0.86 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
SITHE_IND_GS3 24171	17.89 -0.40 0.00	16.02 -0.34 0.00	15.96 -0.36 0.00	15.12 -0.33 0.00	15.15 -0.33 0.00	15.97 -0.36 0.00	18.40 -0.43 0.00	20.11 -0.58 0.00	20.05 -0.62 0.00	19.39 -0.58 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.14 -0.57 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.70 -0.61 0.00	25.06 -0.69 0.00	28.75 -0.86 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
SITHE_IND_GS4 24172	17.89 -0.40 0.00	16.02 -0.34 0.00	15.96 -0.36 0.00	15.12 -0.33 0.00	15.15 -0.33 0.00	15.97 -0.36 0.00	18.40 -0.43 0.00	20.11 -0.58 0.00	20.05 -0.62 0.00	19.39 -0.58 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.14 -0.57 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.70 -0.61 0.00	25.06 -0.69 0.00	28.75 -0.86 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.56 -0.47 0.00
SITHE____BATAVIA 24024	18.15 -0.15 0.00	16.29 -0.08 0.00	16.16 -0.16 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.15 -0.18 0.00	18.72 -0.11 0.00	20.11 -0.58 0.00	19.80 -0.87 0.00	19.35 -0.62 0.00	19.14 -0.69 0.00	19.06 -0.67 0.00	19.08 -0.63 0.00	19.28 -0.66 0.00	18.97 -0.75 0.00	19.18 -0.76 0.00	19.60 -0.71 0.00	25.50 -0.26 0.00	28.60 -1.01 0.00	26.26 -0.81 0.00	22.80 -0.73 0.00	19.24 -0.66 0.00	17.97 -0.61 0.00	15.51 -0.51 0.00
SITHE____INDEPEND 23800	17.89 -0.40 0.00	16.01 -0.36 0.00	15.96 -0.36 0.00	15.10 -0.34 0.00	15.13 -0.34 0.00	15.97 -0.36 0.00	18.40 -0.43 0.00	20.11 -0.58 0.00	20.03 -0.64 0.00	19.39 -0.58 0.00	19.26 -0.58 0.00	19.14 -0.59 0.00	19.14 -0.57 0.00	19.36 -0.58 0.00	19.13 -0.59 0.00	19.34 -0.60 0.00	19.70 -0.61 0.00	25.06 -0.70 0.00	28.75 -0.86 0.00	26.29 -0.79 0.00	22.85 -0.68 0.00	19.30 -0.60 0.00	18.03 -0.56 0.00	15.58 -0.45 0.00
SITHE____MASSENA 23902	18.20 -0.09 0.00	16.22 -0.15 0.00	16.21 -0.11 0.00	15.35 -0.09 0.00	15.34 -0.14 0.00	16.18 -0.15 0.00	18.66 -0.17 0.00	20.52 -0.17 0.00	20.65 -0.02 0.00	19.93 -0.04 0.00	19.82 -0.02 0.00	19.65 -0.08 0.00	19.67 -0.04 0.00	19.87 -0.06 0.00	19.66 -0.06 0.00	19.86 -0.08 0.00	20.19 -0.12 0.00	25.52 -0.23 0.00	29.46 -0.15 0.00	26.86 -0.22 0.00	23.37 -0.16 0.00	19.76 -0.14 0.00	18.47 -0.11 0.00	15.96 -0.06 0.00
SITHE____OGDNSBRG 24021	18.31 0.02 0.00	16.30 -0.07 0.00	16.27 -0.05 0.00	15.41 -0.03 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.79 -0.04 0.00	20.63 -0.06 0.00	20.77 0.10 0.00	20.05 0.08 0.00	19.94 0.10 0.00	19.75 0.02 0.00	19.75 0.04 0.00	19.95 0.02 0.00	19.72 0.00 0.00	19.93 0.00 0.00	20.27 -0.04 0.00	25.63 -0.13 0.00	29.61 0.00 0.00	26.99 -0.08 0.00	23.48 -0.05 0.00	19.84 -0.06 0.00	18.58 0.00 0.00	16.04 0.02 0.00
SITHE____STERLING 23777	18.64 0.35 0.00	16.68 0.31 0.00	16.60 0.28 0.00	15.72 0.28 0.00	15.78 0.31 0.00	16.66 0.33 0.00	19.24 0.41 0.00	21.06 0.37 0.00	21.04 0.37 0.00	20.33 0.36 0.00	20.17 0.34 0.00	20.03 0.30 0.00	19.99 0.28 0.00	20.25 0.32 0.00	20.00 0.28 0.00	20.23 0.30 0.00	20.61 0.31 0.00	26.24 0.49 0.00	30.14 0.53 0.00	27.62 0.54 0.00	23.97 0.45 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.28 0.26 0.00
SLEIGHT__34_KV_TB1 80719	18.42 0.13 0.00	16.48 0.11 0.00	16.39 0.07 0.00	15.52 0.08 0.00	15.58 0.11 0.00	16.46 0.13 0.00	19.02 0.19 0.00	20.73 0.04 0.00	20.60 -0.06 0.00	20.03 0.06 0.00	19.88 0.04 0.00	19.77 0.04 0.00	19.77 0.06 0.00	19.99 0.06 0.00	19.72 0.00 0.00	19.93 0.00 0.00	20.33 0.02 0.00	26.07 0.31 0.00	29.73 0.12 0.00	27.24 0.16 0.00	23.60 0.07 0.00	19.92 0.02 0.00	18.58 0.00 0.00	16.03 0.00 0.00
SOUTH CAIRO____GT 23612	18.94 0.64 0.00	16.99 0.62 0.00	16.91 0.59 0.00	16.00 0.56 0.00	16.00 0.53 0.00	16.93 0.60 0.00	19.56 0.73 0.00	21.58 0.89 0.00	21.47 0.81 0.00	20.65 0.68 0.00	20.49 0.65 0.00	20.38 0.65 0.00	20.34 0.63 0.00	20.57 0.64 0.00	20.37 0.65 0.00	20.65 0.72 0.00	21.08 0.77 0.00	26.89 1.13 0.00	31.03 1.42 0.00	28.32 1.25 0.00	24.52 0.99 0.00	20.75 0.86 0.00	19.38 0.80 0.00	16.72 0.69 0.00
SOUTH HAMPTN____IC 23720	25.12 2.05 -4.77	18.30 1.85 -0.08	18.06 1.73 -0.01	17.15 1.70 -0.01	17.20 1.67 -0.06	18.27 1.86 -0.08	23.87 2.20 -2.84	99.00 2.57 -75.75	85.59 2.71 -62.22	105.69 2.62 -83.10	155.41 2.58 -132.99	49.50 2.62 -27.14	32.57 2.54 -10.32	33.65 2.55 -11.16	33.66 2.58 -11.35	35.04 2.61 -12.49	50.23 2.72 -27.20	46.73 2.78 -18.19	152.38 3.11 -119.67	59.92 2.90 -29.94	34.01 3.13 -7.35	39.95 2.65 -17.40	31.90 2.55 -10.77	30.27 2.15 -12.09

SOUTHDOWN_115KV_TB1 355954	18.70 0.40 0.00	16.79 0.43 0.00	16.62 0.29 0.00	15.78 0.34 0.00	15.78 0.31 0.00	16.49 0.16 0.00	19.22 0.40 0.00	20.67 -0.02 0.00	20.19 -0.48 0.00	19.79 -0.18 0.00	19.62 -0.22 0.00	19.49 -0.24 0.00	19.53 -0.18 0.00	19.76 -0.18 0.00	19.41 -0.32 0.00	19.58 -0.36 0.00	19.98 -0.32 0.00	26.07 0.31 0.00	29.20 -0.41 0.00	26.80 -0.27 0.00	23.39 -0.14 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.87 -0.16 0.00
SOUTHOLD_69_KV_BK 2 55809	25.39 2.32 -4.77	18.56 2.11 -0.08	18.31 1.97 -0.01	17.40 1.95 -0.01	17.50 1.97 -0.06	18.52 2.11 -0.08	24.17 2.50 -2.84	99.35 2.96 -75.70	85.92 3.08 -62.17	106.01 3.00 -83.04	155.66 2.92 -132.91	31.60 2.98 -8.89	32.94 2.92 -10.31	34.02 2.93 -11.15	34.03 2.96 -11.35	35.41 2.99 -12.49	50.58 3.09 -27.19	47.25 3.32 -18.18	152.93 3.73 -119.59	60.47 3.47 -29.92	34.47 3.60 -7.34	30.48 3.02 -7.55	32.23 2.88 -10.77	30.51 2.40 -12.08
SOUTHOLD___IC 23719	25.39 2.32 -4.77	18.56 2.11 -0.08	18.31 1.97 -0.01	17.38 1.93 -0.01	17.44 1.90 -0.06	18.52 2.11 -0.08	24.17 2.50 -2.84	99.29 2.90 -75.70	85.91 3.06 -62.18	105.98 2.96 -83.05	155.66 2.92 -132.91	49.81 2.96 -27.12	32.96 2.94 -10.31	34.04 2.95 -11.15	34.03 2.96 -11.35	35.41 2.99 -12.49	50.62 3.13 -27.19	47.26 3.32 -18.18	152.93 3.73 -119.59	60.47 3.47 -29.92	34.47 3.60 -7.34	40.32 3.02 -17.39	32.23 2.88 -10.77	30.52 2.40 -12.09
SPIERFLS_115KV_TB 1 80737	18.81 0.51 0.00	16.88 0.51 0.00	16.79 0.47 0.00	15.88 0.43 0.00	15.91 0.43 0.00	16.79 0.46 0.00	19.47 0.64 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.73 0.76 0.00	20.59 0.75 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.71 0.78 0.00	21.14 0.83 0.00	26.76 1.00 0.00	30.94 1.33 0.00	28.27 1.19 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.56 0.53 0.00
ST LAWRENCE____ 23600	18.04 -0.26 0.00	16.11 -0.26 0.00	16.08 -0.24 0.00	15.21 -0.23 0.00	15.23 -0.25 0.00	16.07 -0.26 0.00	18.53 -0.30 0.00	20.38 -0.31 0.00	20.44 -0.23 0.00	19.75 -0.22 0.00	19.62 -0.22 0.00	19.50 -0.24 0.00	19.49 -0.22 0.00	19.70 -0.24 0.00	19.49 -0.24 0.00	19.70 -0.24 0.00	20.02 -0.28 0.00	25.34 -0.41 0.00	29.22 -0.39 0.00	26.67 -0.41 0.00	23.18 -0.35 0.00	19.60 -0.30 0.00	18.32 -0.26 0.00	15.82 -0.21 0.00
STATE_CA_115KV_115_LB 55624	18.63 0.33 0.00	16.73 0.36 0.00	16.68 0.36 0.00	15.77 0.32 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.24 0.41 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.19 0.45 0.00	20.18 0.47 0.00	20.43 0.50 0.00	20.23 0.51 0.00	20.47 0.54 0.00	20.88 0.57 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.14 0.61 0.00	20.44 0.54 0.00	19.12 0.54 0.00	16.46 0.43 0.00
STATE_ST_34_KV_LOAD 55959	18.50 0.20 0.00	16.55 0.18 0.00	16.47 0.15 0.00	15.58 0.14 0.00	15.65 0.17 0.00	16.51 0.18 0.00	19.09 0.26 0.00	20.88 0.19 0.00	20.79 0.12 0.00	20.17 0.20 0.00	20.01 0.18 0.00	19.89 0.16 0.00	19.89 0.18 0.00	20.11 0.18 0.00	19.84 0.12 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.14 0.39 0.00	29.94 0.33 0.00	27.45 0.38 0.00	23.81 0.28 0.00	20.06 0.16 0.00	18.71 0.13 0.00	16.12 0.10 0.00
STATION 5_MISC_HYD 23604	18.19 -0.11 0.00	16.30 -0.07 0.00	16.17 -0.15 0.00	15.40 -0.05 0.00	15.46 -0.02 0.00	16.25 -0.08 0.00	18.77 -0.06 0.00	20.38 -0.31 0.00	20.21 -0.45 0.00	19.67 -0.30 0.00	19.52 -0.32 0.00	19.41 -0.32 0.00	19.43 -0.28 0.00	19.64 -0.30 0.00	19.37 -0.35 0.00	19.58 -0.36 0.00	19.96 -0.35 0.00	25.71 -0.05 0.00	29.17 -0.44 0.00	26.72 -0.35 0.00	23.15 -0.38 0.00	19.58 -0.32 0.00	18.27 -0.32 0.00	15.75 -0.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.46 0.16 0.00	16.50 0.13 0.00	16.40 0.08 0.00	15.54 0.09 0.00	15.60 0.12 0.00	16.46 0.13 0.00	19.04 0.21 0.00	20.73 0.04 0.00	20.60 -0.06 0.00	20.05 0.08 0.00	19.88 0.04 0.00	19.79 0.06 0.00	19.79 0.08 0.00	19.99 0.06 0.00	19.72 0.00 0.00	19.93 0.00 0.00	20.33 0.02 0.00	26.12 0.36 0.00	29.76 0.15 0.00	27.27 0.19 0.00	23.60 0.07 0.00	19.94 0.04 0.00	18.58 0.00 0.00	16.03 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.24 -0.05 0.00	16.30 -0.07 0.00	16.21 -0.11 0.00	15.37 -0.08 0.00	15.40 -0.08 0.00	16.28 -0.05 0.00	18.81 -0.02 0.00	20.44 -0.25 0.00	20.27 -0.39 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.43 -0.30 0.00	19.64 -0.30 0.00	20.02 -0.28 0.00	25.76 0.00 0.00	29.28 -0.33 0.00	26.83 -0.24 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.82 -0.21 0.00
STA_56___34_KV_BUS2 355983	18.24 -0.05 0.00	16.30 -0.07 0.00	16.21 -0.11 0.00	15.37 -0.08 0.00	15.40 -0.08 0.00	16.28 -0.05 0.00	18.81 -0.02 0.00	20.44 -0.25 0.00	20.27 -0.39 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.43 -0.30 0.00	19.64 -0.30 0.00	20.02 -0.28 0.00	25.76 0.00 0.00	29.28 -0.33 0.00	26.83 -0.24 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.32 -0.26 0.00	15.82 -0.21 0.00
STA_67___115KV_BK2 355882	18.17 -0.13 0.00	16.25 -0.11 0.00	16.16 -0.16 0.00	15.32 -0.12 0.00	15.35 -0.12 0.00	16.21 -0.11 0.00	18.75 -0.08 0.00	20.36 -0.33 0.00	20.17 -0.50 0.00	19.65 -0.32 0.00	19.48 -0.36 0.00	19.40 -0.34 0.00	19.40 -0.32 0.00	19.62 -0.32 0.00	19.33 -0.39 0.00	19.54 -0.40 0.00	19.94 -0.37 0.00	25.65 -0.10 0.00	29.11 -0.50 0.00	26.67 -0.41 0.00	23.13 -0.40 0.00	19.54 -0.36 0.00	18.25 -0.33 0.00	15.75 -0.27 0.00
STA_7___115KV_9TRANS 80674	18.26 -0.04 0.00	16.32 -0.05 0.00	16.21 -0.11 0.00	15.38 -0.06 0.00	15.41 -0.06 0.00	16.28 -0.05 0.00	18.83 0.00 0.00	20.44 -0.25 0.00	20.25 -0.41 0.00	19.73 -0.24 0.00	19.58 -0.26 0.00	19.49 -0.24 0.00	19.49 -0.22 0.00	19.72 -0.22 0.00	19.45 -0.28 0.00	19.64 -0.30 0.00	20.04 -0.26 0.00	25.81 0.05 0.00	29.28 -0.33 0.00	26.86 -0.22 0.00	23.25 -0.28 0.00	19.64 -0.26 0.00	18.34 -0.24 0.00	15.82 -0.21 0.00
STA_82___115KV_TB1 80780	18.17 -0.13 0.00	16.25 -0.11 0.00	16.16 -0.16 0.00	15.32 -0.12 0.00	15.37 -0.11 0.00	16.23 -0.10 0.00	18.77 -0.06 0.00	20.36 -0.33 0.00	20.17 -0.50 0.00	19.65 -0.32 0.00	19.48 -0.36 0.00	19.40 -0.34 0.00	19.40 -0.32 0.00	19.62 -0.32 0.00	19.35 -0.37 0.00	19.54 -0.40 0.00	19.94 -0.37 0.00	25.68 -0.08 0.00	29.14 -0.47 0.00	26.70 -0.38 0.00	23.13 -0.40 0.00	19.54 -0.36 0.00	18.25 -0.33 0.00	15.75 -0.27 0.00
STEEL___WIND 323596	18.17 -0.13 0.00	16.35 -0.02 0.00	16.19 -0.13 0.00	15.48 0.03 0.00	15.52 0.05 0.00	16.12 -0.21 0.00	18.75 -0.08 0.00	20.09 -0.60 0.00	19.68 -0.99 0.00	19.25 -0.72 0.00	19.06 -0.77 0.00	18.96 -0.77 0.00	19.00 -0.71 0.00	19.24 -0.70 0.00	18.91 -0.81 0.00	19.10 -0.84 0.00	19.49 -0.81 0.00	25.42 -0.34 0.00	28.34 -1.27 0.00	26.02 -1.06 0.00	22.73 -0.80 0.00	19.14 -0.76 0.00	17.90 -0.69 0.00	15.48 -0.54 0.00

STEPHTWN_115KV_BK_2 55603	18.72 0.42 0.00	16.81 0.44 0.00	16.76 0.44 0.00	15.85 0.40 0.00	15.88 0.40 0.00	16.75 0.42 0.00	19.38 0.55 0.00	21.44 0.74 0.00	21.37 0.70 0.00	20.55 0.58 0.00	20.41 0.58 0.00	20.30 0.57 0.00	20.30 0.59 0.00	20.55 0.62 0.00	20.35 0.63 0.00	20.57 0.64 0.00	21.00 0.69 0.00	26.55 0.80 0.00	30.65 1.04 0.00	28.00 0.92 0.00	24.31 0.78 0.00	20.58 0.68 0.00	19.23 0.65 0.00	16.56 0.53 0.00
STEBEN_REC_LFGE 323667	18.70 0.40 0.00	16.76 0.39 0.00	16.65 0.33 0.00	15.77 0.32 0.00	15.82 0.34 0.00	16.64 0.31 0.00	19.36 0.53 0.00	20.94 0.25 0.00	20.65 -0.02 0.00	20.15 0.18 0.00	19.94 0.10 0.00	19.79 0.06 0.00	19.79 0.08 0.00	20.03 0.10 0.00	19.72 0.00 0.00	19.89 -0.04 0.00	20.31 0.00 0.00	26.30 0.54 0.00	29.73 0.12 0.00	27.29 0.22 0.00	23.74 0.21 0.00	19.92 0.02 0.00	18.58 0.00 0.00	16.04 0.02 0.00
STILLWATER___SOLAR 323814	18.94 0.64 0.00	16.99 0.62 0.00	16.93 0.60 0.00	15.99 0.54 0.00	16.03 0.56 0.00	16.92 0.59 0.00	19.56 0.73 0.00	21.62 0.93 0.00	21.58 0.91 0.00	20.79 0.82 0.00	20.65 0.81 0.00	20.56 0.83 0.00	20.52 0.81 0.00	20.77 0.84 0.00	20.55 0.83 0.00	20.81 0.88 0.00	21.22 0.91 0.00	26.86 1.11 0.00	31.03 1.42 0.00	28.35 1.27 0.00	24.59 1.06 0.00	20.79 0.90 0.00	19.38 0.80 0.00	16.68 0.66 0.00
STONY___BROOK 24151	24.98 1.65 -5.04	17.95 1.47 -0.11	17.69 1.35 -0.02	16.79 1.33 -0.02	16.85 1.30 -0.08	17.92 1.49 -0.11	23.63 1.79 -3.01	102.46 2.09 -79.68	88.27 2.15 -65.45	109.44 2.06 -87.41	161.66 2.02 -139.80	50.20 2.03 -28.44	32.34 1.97 -10.66	33.47 1.97 -11.56	33.50 1.99 -11.79	34.99 2.03 -13.02	50.84 2.07 -28.46	46.81 1.91 -19.15	157.58 2.10 -125.87	60.56 1.98 -31.51	33.56 2.33 -7.70	40.08 2.05 -18.14	31.95 2.04 -11.32	30.51 1.75 -12.74
STURGEON_POOL_HYD 23609	19.14 0.84 0.00	17.11 0.74 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.14 0.67 0.00	17.08 0.75 0.00	19.66 0.83 0.00	21.77 1.08 0.00	21.74 1.07 0.00	21.01 1.04 0.00	20.91 1.07 0.00	20.86 1.12 0.00	20.78 1.06 0.00	20.97 1.04 0.00	20.81 1.08 0.00	21.03 1.10 0.00	21.42 1.12 0.00	27.04 1.29 0.00	31.18 1.57 0.00	28.54 1.46 0.00	24.82 1.29 0.00	21.05 1.15 0.00	19.66 1.08 0.00	16.94 0.91 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.03 0.73 0.00	17.04 0.67 0.00	16.96 0.64 0.00	16.05 0.60 0.00	16.08 0.60 0.00	17.00 0.67 0.00	19.60 0.77 0.00	21.68 0.99 0.00	21.68 1.01 0.00	20.93 0.96 0.00	20.83 0.99 0.00	20.76 1.03 0.00	20.70 0.99 0.00	20.91 0.98 0.00	20.73 1.01 0.00	20.95 1.02 0.00	21.34 1.04 0.00	26.94 1.18 0.00	31.06 1.45 0.00	28.46 1.38 0.00	24.73 1.20 0.00	20.95 1.05 0.00	19.57 0.98 0.00	16.84 0.82 0.00
SWANROAD_115KV_TB1 355699	17.60 -0.70 0.00	15.76 -0.61 0.00	15.73 -0.59 0.00	14.93 -0.51 0.00	14.95 -0.53 0.00	15.66 -0.67 0.00	18.15 -0.68 0.00	19.33 -1.37 0.00	18.89 -1.78 0.00	18.53 -1.44 0.00	18.35 -1.49 0.00	18.25 -1.48 0.00	18.29 -1.42 0.00	18.50 -1.44 0.00	18.20 -1.52 0.00	18.38 -1.55 0.00	18.78 -1.52 0.00	24.49 -1.26 0.00	27.18 -2.43 0.00	24.96 -2.11 0.00	21.81 -1.72 0.00	18.41 -1.49 0.00	17.26 -1.32 0.00	14.97 -1.06 0.00
SYNERGY___BIOGAS 323694	18.15 -0.15 0.00	16.29 -0.08 0.00	16.16 -0.16 0.00	15.44 0.00 0.00	15.51 0.03 0.00	16.15 -0.18 0.00	18.72 -0.11 0.00	20.11 -0.58 0.00	19.80 -0.87 0.00	19.35 -0.62 0.00	19.14 -0.69 0.00	19.06 -0.67 0.00	19.08 -0.63 0.00	19.28 -0.66 0.00	18.97 -0.75 0.00	19.18 -0.76 0.00	19.60 -0.71 0.00	25.50 -0.26 0.00	28.60 -1.01 0.00	26.26 -0.81 0.00	22.80 -0.73 0.00	19.24 -0.66 0.00	17.97 -0.61 0.00	15.51 -0.51 0.00
SYRACUSE___ENERGY_ST1 323597	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
SYRACUSE___ENERGY_ST2 323598	18.31 0.02 0.00	16.40 0.03 0.00	16.32 0.00 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.36 0.03 0.00	18.89 0.06 0.00	20.65 -0.04 0.00	20.58 -0.08 0.00	19.95 -0.02 0.00	19.82 -0.02 0.00	19.69 -0.04 0.00	19.69 -0.02 0.00	19.91 -0.02 0.00	19.66 -0.06 0.00	19.87 -0.06 0.00	20.25 -0.06 0.00	25.78 0.03 0.00	29.58 -0.03 0.00	27.08 0.00 0.00	23.51 -0.02 0.00	19.86 -0.04 0.00	18.53 -0.06 0.00	15.98 -0.05 0.00
SYRACUSE___POWER 24017	18.28 -0.02 0.00	16.35 -0.02 0.00	16.29 -0.03 0.00	15.41 -0.03 0.00	15.46 -0.02 0.00	16.31 -0.02 0.00	18.83 0.00 0.00	20.59 -0.10 0.00	20.52 -0.14 0.00	19.89 -0.08 0.00	19.74 -0.10 0.00	19.63 -0.10 0.00	19.61 -0.10 0.00	19.85 -0.08 0.00	19.60 -0.12 0.00	19.81 -0.12 0.00	20.19 -0.12 0.00	25.73 -0.03 0.00	29.49 -0.12 0.00	27.02 -0.05 0.00	23.46 -0.07 0.00	19.80 -0.10 0.00	18.47 -0.11 0.00	15.95 -0.08 0.00
TALLMAN__138KV_BK151 55660	19.10 0.81 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.06 0.73 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.78 1.12 0.00	21.05 1.08 0.00	20.95 1.11 0.00	20.90 1.16 0.00	20.81 1.10 0.00	21.03 1.10 0.00	20.85 1.12 0.00	21.07 1.14 0.00	21.47 1.16 0.00	27.04 1.29 0.00	31.21 1.60 0.00	28.59 1.52 0.00	24.87 1.34 0.00	21.05 1.15 0.00	19.68 1.10 0.00	16.94 0.91 0.00
TEALLAVE_115KV_TB7 355573	18.20 -0.09 0.00	16.30 -0.07 0.00	16.22 -0.10 0.00	15.37 -0.08 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.75 -0.08 0.00	20.50 -0.19 0.00	20.44 -0.23 0.00	19.79 -0.18 0.00	19.66 -0.18 0.00	19.55 -0.18 0.00	19.53 -0.18 0.00	19.78 -0.16 0.00	19.52 -0.20 0.00	19.74 -0.20 0.00	20.10 -0.20 0.00	25.60 -0.15 0.00	29.34 -0.27 0.00	26.89 -0.19 0.00	23.34 -0.19 0.00	19.72 -0.18 0.00	18.40 -0.19 0.00	15.88 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	17.97 -0.33 0.00	16.07 -0.29 0.00	16.01 -0.31 0.00	15.20 -0.25 0.00	15.21 -0.26 0.00	15.97 -0.36 0.00	18.51 -0.32 0.00	19.82 -0.87 0.00	19.45 -1.22 0.00	19.05 -0.92 0.00	18.86 -0.97 0.00	18.76 -0.97 0.00	18.80 -0.91 0.00	19.02 -0.92 0.00	18.72 -1.01 0.00	18.90 -1.04 0.00	19.29 -1.02 0.00	25.14 -0.62 0.00	28.04 -1.57 0.00	25.75 -1.33 0.00	22.42 -1.11 0.00	18.92 -0.98 0.00	17.71 -0.87 0.00	15.34 -0.69 0.00
TEMPLE___115KV_TB 2 55572	18.22 -0.07 0.00	16.30 -0.07 0.00	16.24 -0.08 0.00	15.37 -0.08 0.00	15.41 -0.06 0.00	16.26 -0.07 0.00	18.77 -0.06 0.00	20.53 -0.17 0.00	20.46 -0.21 0.00	19.81 -0.16 0.00	19.68 -0.16 0.00	19.55 -0.18 0.00	19.55 -0.16 0.00	19.80 -0.14 0.00	19.54 -0.18 0.00	19.76 -0.18 0.00	20.12 -0.18 0.00	25.63 -0.13 0.00	29.37 -0.24 0.00	26.91 -0.16 0.00	23.36 -0.16 0.00	19.72 -0.18 0.00	18.42 -0.17 0.00	15.88 -0.14 0.00

TIANA____69_KV_BK 1 55817	25.04 1.98 -4.77	18.25 1.80 -0.08	18.01 1.68 -0.01	17.12 1.67 -0.01	17.20 1.67 -0.06	18.21 1.80 -0.08	23.80 2.13 -2.84	98.97 2.57 -75.71	85.49 2.65 -62.18	105.58 2.56 -83.05	155.24 2.48 -132.93	31.14 2.53 -8.88	32.47 2.44 -10.32	33.56 2.47 -11.16	33.56 2.48 -11.35	34.95 2.53 -12.49	50.10 2.60 -27.19	46.61 2.68 -18.18	152.18 2.96 -119.60	59.79 2.79 -29.93	33.91 3.04 -7.35	30.00 2.55 -7.55	31.82 2.47 -10.77	30.19 2.08 -12.08
TILDEN____115KV_TB1 80814	18.28 -0.02 0.00	16.35 -0.02 0.00	16.29 -0.03 0.00	15.41 -0.03 0.00	15.46 -0.02 0.00	16.31 -0.02 0.00	18.83 0.00 0.00	20.59 -0.10 0.00	20.52 -0.14 0.00	19.89 -0.08 0.00	19.74 -0.10 0.00	19.63 -0.10 0.00	19.61 -0.10 0.00	19.85 -0.08 0.00	19.60 -0.12 0.00	19.81 -0.12 0.00	20.19 -0.12 0.00	25.73 -0.03 0.00	29.49 -0.12 0.00	27.02 -0.05 0.00	23.46 -0.07 0.00	19.80 -0.10 0.00	18.47 -0.11 0.00	15.95 -0.08 0.00
TRIGEN____CC 323695	19.41 1.12 0.00	17.37 1.00 0.00	17.22 0.90 0.00	16.34 0.90 0.00	16.39 0.91 0.00	17.34 1.01 0.00	20.03 1.21 0.00	22.22 1.53 0.00	22.26 1.59 0.00	21.49 1.52 0.00	22.23 1.49 -0.91	22.91 1.54 -1.64	24.50 1.46 -3.33	24.34 1.46 -2.95	24.49 1.48 -3.29	24.04 1.50 -2.61	25.10 1.52 -3.27	27.20 1.44 0.00	31.24 1.63 0.00	28.65 1.57 0.00	25.40 1.74 -0.13	25.00 1.51 -3.59	20.54 1.49 -0.47	17.29 1.27 0.00
TRINITY__115KV__ 4 BK 55933	18.59 0.29 0.00	16.68 0.31 0.00	16.65 0.33 0.00	15.74 0.29 0.00	15.77 0.29 0.00	16.64 0.31 0.00	19.21 0.38 0.00	21.25 0.56 0.00	21.18 0.52 0.00	20.37 0.40 0.00	20.23 0.40 0.00	20.15 0.41 0.00	20.14 0.43 0.00	20.39 0.46 0.00	20.20 0.47 0.00	20.41 0.48 0.00	20.82 0.51 0.00	26.35 0.59 0.00	30.35 0.74 0.00	27.73 0.65 0.00	24.09 0.56 0.00	20.40 0.50 0.00	19.09 0.50 0.00	16.43 0.40 0.00
UNION____PROCESSING_DRP 323587	18.19 -0.11 0.00	16.27 -0.10 0.00	16.16 -0.16 0.00	15.32 -0.12 0.00	15.37 -0.11 0.00	16.23 -0.10 0.00	18.77 -0.06 0.00	20.36 -0.33 0.00	20.17 -0.50 0.00	19.65 -0.32 0.00	19.50 -0.34 0.00	19.40 -0.34 0.00	19.40 -0.32 0.00	19.62 -0.32 0.00	19.35 -0.37 0.00	19.56 -0.38 0.00	19.94 -0.37 0.00	25.68 -0.08 0.00	29.14 -0.47 0.00	26.70 -0.38 0.00	23.13 -0.40 0.00	19.56 -0.34 0.00	18.25 -0.33 0.00	15.77 -0.26 0.00
UPPER HUDSON____HYD 24058	18.81 0.51 0.00	16.88 0.51 0.00	16.80 0.47 0.00	15.86 0.42 0.00	15.89 0.42 0.00	16.79 0.46 0.00	19.47 0.64 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.73 0.76 0.00	20.57 0.73 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.71 0.78 0.00	21.14 0.83 0.00	26.76 1.00 0.00	30.94 1.33 0.00	28.27 1.19 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.56 0.53 0.00
UPPER RAQUET____HYD 24056	18.11 -0.18 0.00	16.12 -0.25 0.00	16.11 -0.21 0.00	15.24 -0.20 0.00	15.24 -0.23 0.00	16.08 -0.24 0.00	18.58 -0.25 0.00	20.42 -0.27 0.00	20.58 -0.08 0.00	19.87 -0.10 0.00	19.74 -0.10 0.00	19.57 -0.16 0.00	19.57 -0.14 0.00	19.77 -0.16 0.00	19.54 -0.18 0.00	19.75 -0.18 0.00	20.02 -0.28 0.00	25.21 -0.54 0.00	29.11 -0.50 0.00	26.53 -0.54 0.00	23.08 -0.45 0.00	19.52 -0.38 0.00	18.34 -0.24 0.00	15.92 -0.11 0.00
VALLEY44_115KV_TB2 355964	18.33 0.04 0.00	16.43 0.07 0.00	16.32 0.00 0.00	15.49 0.05 0.00	15.51 0.03 0.00	16.25 -0.08 0.00	18.98 0.15 0.00	20.44 -0.25 0.00	19.98 -0.68 0.00	19.55 -0.42 0.00	19.36 -0.48 0.00	19.24 -0.49 0.00	19.28 -0.43 0.00	19.50 -0.44 0.00	19.19 -0.53 0.00	19.36 -0.58 0.00	19.78 -0.53 0.00	25.76 0.00 0.00	28.93 -0.68 0.00	26.59 -0.49 0.00	23.20 -0.33 0.00	19.44 -0.46 0.00	18.16 -0.43 0.00	15.72 -0.30 0.00
VALLEY____115KV_TB 1-4 80826	18.74 0.44 0.00	16.78 0.41 0.00	16.71 0.39 0.00	15.82 0.37 0.00	15.86 0.39 0.00	16.75 0.42 0.00	19.32 0.49 0.00	21.21 0.52 0.00	21.18 0.52 0.00	20.49 0.52 0.00	20.35 0.52 0.00	20.24 0.51 0.00	20.20 0.49 0.00	20.45 0.52 0.00	20.21 0.49 0.00	20.43 0.50 0.00	20.79 0.49 0.00	26.37 0.62 0.00	30.26 0.65 0.00	27.64 0.57 0.00	24.02 0.49 0.00	20.34 0.44 0.00	18.99 0.41 0.00	16.38 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.10 0.81 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.12 0.68 0.00	16.17 0.70 0.00	17.05 0.72 0.00	19.71 0.88 0.00	21.64 0.95 0.00	21.66 0.99 0.00	20.97 1.00 0.00	20.83 0.99 0.00	20.72 0.99 0.00	20.64 0.93 0.00	20.89 0.96 0.00	20.65 0.93 0.00	20.87 0.94 0.00	21.28 0.97 0.00	27.02 1.26 0.00	31.12 1.51 0.00	28.48 1.41 0.00	24.75 1.22 0.00	20.93 1.03 0.00	19.53 0.95 0.00	16.80 0.77 0.00
VISCHER____FERRY HYD 24020	18.83 0.53 0.00	16.89 0.52 0.00	16.83 0.51 0.00	15.89 0.45 0.00	15.91 0.43 0.00	16.82 0.49 0.00	19.43 0.60 0.00	21.48 0.79 0.00	21.45 0.79 0.00	20.63 0.66 0.00	20.47 0.63 0.00	20.40 0.67 0.00	20.38 0.67 0.00	20.63 0.70 0.00	20.45 0.73 0.00	20.67 0.74 0.00	21.10 0.79 0.00	26.71 0.95 0.00	30.80 1.19 0.00	28.13 1.05 0.00	24.42 0.89 0.00	20.66 0.76 0.00	19.27 0.69 0.00	16.59 0.56 0.00
V_A_10_SYNC_DSASP 323832	17.82 -0.48 0.00	16.02 -0.34 0.00	15.88 -0.44 0.00	15.17 -0.28 0.00	15.21 -0.26 0.00	15.79 -0.54 0.00	18.34 -0.49 0.00	19.68 -1.01 0.00	19.32 -1.34 0.00	18.91 -1.06 0.00	18.73 -1.11 0.00	18.63 -1.10 0.00	18.65 -1.06 0.00	18.88 -1.06 0.00	18.58 -1.14 0.00	18.76 -1.18 0.00	19.15 -1.16 0.00	24.91 -0.85 0.00	27.77 -1.84 0.00	25.48 -1.60 0.00	22.26 -1.27 0.00	18.77 -1.13 0.00	17.58 -1.00 0.00	15.19 -0.83 0.00
V_CMM_10_SYNC_DSASP 323787	18.10 -0.20 0.00	16.14 -0.23 0.00	16.13 -0.20 0.00	15.26 -0.18 0.00	15.26 -0.22 0.00	16.10 -0.23 0.00	18.57 -0.26 0.00	20.42 -0.27 0.00	20.52 -0.14 0.00	19.81 -0.16 0.00	19.70 -0.14 0.00	19.55 -0.18 0.00	19.55 -0.16 0.00	19.75 -0.18 0.00	19.54 -0.18 0.00	19.75 -0.18 0.00	20.10 -0.20 0.00	25.45 -0.31 0.00	29.31 -0.30 0.00	26.75 -0.32 0.00	23.25 -0.28 0.00	19.66 -0.24 0.00	18.38 -0.20 0.00	15.87 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	18.59 0.29 0.00	16.53 0.16 0.00	16.57 0.25 0.00	15.71 0.26 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.11 0.28 0.00	21.04 0.35 0.00	21.31 0.64 0.00	20.57 0.60 0.00	20.43 0.59 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.41 0.48 0.00	20.77 0.47 0.00	26.32 0.57 0.00	30.35 0.74 0.00	27.51 0.43 0.00	23.93 0.40 0.00	20.22 0.32 0.00	18.90 0.32 0.00	16.35 0.32 0.00
V_E_10_SYNC_DSASP 323830	19.52 1.23 0.00	17.45 1.08 0.00	17.32 1.00 0.00	16.45 1.00 0.00	16.53 1.05 0.00	17.42 1.09 0.00	20.26 1.43 0.00	22.06 1.37 0.00	21.99 1.32 0.00	21.31 1.34 0.00	21.11 1.27 0.00	20.94 1.20 0.00	20.83 1.12 0.00	21.15 1.22 0.00	20.83 1.10 0.00	21.07 1.14 0.00	21.53 1.22 0.00	27.61 1.86 0.00	31.71 2.10 0.00	29.11 2.03 0.00	25.25 1.72 0.00	21.27 1.37 0.00	19.79 1.21 0.00	16.99 0.96 0.00

V_F_30_NSYNC___DSASP 323816	18.95 0.66 0.00	17.01 0.64 0.00	16.94 0.62 0.00	16.00 0.56 0.00	16.03 0.56 0.00	16.93 0.60 0.00	19.60 0.77 0.00	21.64 0.95 0.00	21.62 0.95 0.00	20.81 0.84 0.00	20.67 0.83 0.00	20.58 0.85 0.00	20.54 0.83 0.00	20.81 0.88 0.00	20.59 0.87 0.00	20.83 0.90 0.00	21.26 0.95 0.00	26.89 1.13 0.00	31.06 1.45 0.00	28.38 1.30 0.00	24.61 1.08 0.00	20.81 0.92 0.00	19.40 0.82 0.00	16.68 0.66 0.00
V_F_30_SYNC_DSASP 323786	18.61 0.31 0.00	16.71 0.34 0.00	16.68 0.36 0.00	15.77 0.32 0.00	15.80 0.32 0.00	16.67 0.34 0.00	19.24 0.41 0.00	21.29 0.60 0.00	21.23 0.56 0.00	20.43 0.46 0.00	20.29 0.46 0.00	20.19 0.45 0.00	20.18 0.47 0.00	20.43 0.50 0.00	20.23 0.51 0.00	20.47 0.54 0.00	20.86 0.55 0.00	26.40 0.64 0.00	30.44 0.83 0.00	27.81 0.73 0.00	24.14 0.61 0.00	20.44 0.54 0.00	19.12 0.54 0.00	16.46 0.43 0.00
V_XM_10_SYNC_DSASP 323789	18.59 0.29 0.00	16.53 0.16 0.00	16.57 0.25 0.00	15.71 0.26 0.00	15.69 0.22 0.00	16.54 0.21 0.00	19.11 0.28 0.00	21.04 0.35 0.00	21.31 0.64 0.00	20.57 0.60 0.00	20.43 0.59 0.00	20.24 0.51 0.00	20.28 0.57 0.00	20.45 0.52 0.00	20.23 0.51 0.00	20.41 0.48 0.00	20.77 0.47 0.00	26.32 0.57 0.00	30.35 0.74 0.00	27.51 0.43 0.00	23.93 0.40 0.00	20.22 0.32 0.00	18.90 0.32 0.00	16.35 0.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.16 0.86 0.00	17.12 0.75 0.00	17.06 0.73 0.00	16.14 0.70 0.00	16.17 0.70 0.00	17.10 0.77 0.00	19.73 0.90 0.00	21.85 1.16 0.00	21.85 1.18 0.00	21.09 1.12 0.00	21.01 1.17 0.00	20.94 1.20 0.00	20.85 1.14 0.00	21.07 1.14 0.00	20.89 1.16 0.00	21.11 1.18 0.00	21.51 1.20 0.00	27.12 1.37 0.00	31.27 1.66 0.00	28.67 1.60 0.00	24.94 1.41 0.00	21.11 1.21 0.00	19.72 1.13 0.00	16.97 0.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.19 0.90 0.00	17.17 0.80 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.22 0.74 0.00	17.16 0.83 0.00	19.75 0.92 0.00	21.91 1.22 0.00	21.95 1.28 0.00	21.19 1.22 0.00	21.13 1.29 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.21 1.28 0.00	21.61 1.30 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.73 1.65 0.00	24.99 1.46 0.00	21.19 1.29 0.00	19.83 1.25 0.00	17.05 1.03 0.00
W50THST__13_KV_LOAD 356117	19.25 0.95 0.00	17.22 0.85 0.00	17.15 0.83 0.00	16.23 0.79 0.00	16.26 0.79 0.00	17.21 0.88 0.00	19.81 0.98 0.00	21.97 1.28 0.00	22.01 1.34 0.00	21.25 1.28 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.03 1.32 0.00	21.23 1.30 0.00	21.06 1.34 0.00	21.27 1.34 0.00	21.67 1.36 0.00	27.25 1.49 0.00	31.39 1.78 0.00	28.81 1.73 0.00	25.03 1.51 0.00	21.25 1.35 0.00	19.88 1.30 0.00	17.10 1.07 0.00
WADING RIVER_IC_1 23522	24.93 1.85 -4.79	18.12 1.67 -0.08	17.88 1.55 -0.01	16.97 1.51 -0.01	17.03 1.50 -0.06	18.08 1.67 -0.08	23.66 1.98 -2.85	99.04 2.32 -76.03	85.55 2.44 -62.45	105.72 2.34 -83.41	155.64 2.32 -133.48	49.31 2.35 -27.23	32.32 2.27 -10.35	33.40 2.27 -11.19	33.39 2.29 -11.38	34.79 2.33 -12.53	50.04 2.44 -27.29	46.43 2.42 -18.25	152.39 2.67 -120.11	59.62 2.49 -30.05	33.70 2.80 -7.38	39.72 2.37 -17.45	31.70 2.30 -10.81	30.10 1.94 -12.14
WADING RIVER_IC_2 23547	24.93 1.85 -4.79	18.12 1.67 -0.08	17.88 1.55 -0.01	16.97 1.51 -0.01	17.03 1.50 -0.06	18.08 1.67 -0.08	23.66 1.98 -2.85	99.04 2.32 -76.03	85.55 2.44 -62.45	105.72 2.34 -83.41	155.64 2.32 -133.48	49.31 2.35 -27.23	32.32 2.27 -10.35	33.40 2.27 -11.19	33.39 2.29 -11.38	34.79 2.33 -12.53	50.04 2.44 -27.29	46.43 2.42 -18.25	152.39 2.67 -120.11	59.62 2.49 -30.05	33.70 2.80 -7.38	39.72 2.37 -17.45	31.70 2.30 -10.81	30.10 1.94 -12.14
WADING RIVER_IC_3 23601	24.93 1.85 -4.79	18.12 1.67 -0.08	17.88 1.55 -0.01	16.97 1.51 -0.01	17.03 1.50 -0.06	18.08 1.67 -0.08	23.66 1.98 -2.85	99.04 2.32 -76.03	85.55 2.44 -62.45	105.72 2.34 -83.41	155.64 2.32 -133.48	49.31 2.35 -27.23	32.32 2.27 -10.35	33.40 2.27 -11.19	33.39 2.29 -11.38	34.79 2.33 -12.53	50.04 2.44 -27.29	46.43 2.42 -18.25	152.39 2.67 -120.11	59.62 2.49 -30.05	33.70 2.80 -7.38	39.72 2.37 -17.45	31.70 2.30 -10.81	30.10 1.94 -12.14
WALDENNY_12_KV_BK2 80841	18.15 -0.15 0.00	16.29 -0.08 0.00	16.17 -0.15 0.00	15.35 -0.09 0.00	15.37 -0.11 0.00	16.10 -0.23 0.00	18.74 -0.09 0.00	20.05 -0.64 0.00	19.61 -1.05 0.00	19.21 -0.76 0.00	19.04 -0.79 0.00	18.94 -0.79 0.00	18.98 -0.73 0.00	19.20 -0.74 0.00	18.89 -0.83 0.00	19.06 -0.88 0.00	19.47 -0.83 0.00	25.40 -0.36 0.00	28.28 -1.33 0.00	25.97 -1.11 0.00	22.68 -0.85 0.00	19.10 -0.80 0.00	17.88 -0.71 0.00	15.50 -0.53 0.00
WALDEN___HYDRO 24148	19.12 0.82 0.00	17.09 0.72 0.00	17.02 0.70 0.00	16.08 0.63 0.00	16.11 0.63 0.00	17.06 0.74 0.00	19.68 0.85 0.00	21.77 1.08 0.00	21.74 1.07 0.00	20.99 1.02 0.00	20.87 1.03 0.00	20.80 1.06 0.00	20.72 1.00 0.00	20.93 1.00 0.00	20.77 1.04 0.00	20.99 1.06 0.00	21.40 1.10 0.00	27.04 1.29 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.82 1.29 0.00	21.03 1.13 0.00	19.64 1.06 0.00	16.91 0.88 0.00
WARRENSBURG___ 23737	18.81 0.51 0.00	16.88 0.51 0.00	16.80 0.47 0.00	15.86 0.42 0.00	15.89 0.42 0.00	16.79 0.46 0.00	19.47 0.64 0.00	21.54 0.85 0.00	21.51 0.85 0.00	20.73 0.76 0.00	20.57 0.73 0.00	20.50 0.77 0.00	20.44 0.73 0.00	20.69 0.76 0.00	20.45 0.73 0.00	20.71 0.78 0.00	21.14 0.83 0.00	26.76 1.00 0.00	30.94 1.33 0.00	28.27 1.19 0.00	24.47 0.94 0.00	20.70 0.80 0.00	19.27 0.69 0.00	16.56 0.53 0.00
WATERSIDE___6 8 9 23538	19.21 0.91 0.00	17.17 0.80 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.15 0.82 0.00	19.68 0.85 0.00	21.81 1.12 0.00	21.89 1.22 0.00	21.15 1.18 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.97 1.26 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.17 1.24 0.00	21.57 1.26 0.00	27.15 1.39 0.00	31.27 1.66 0.00	28.70 1.62 0.00	24.92 1.39 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.08 1.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.63 0.33 0.00	16.66 0.29 0.00	16.62 0.29 0.00	15.72 0.28 0.00	15.75 0.28 0.00	16.64 0.31 0.00	19.19 0.36 0.00	21.06 0.37 0.00	21.04 0.37 0.00	20.35 0.38 0.00	20.19 0.36 0.00	20.09 0.36 0.00	20.05 0.34 0.00	20.29 0.36 0.00	20.08 0.35 0.00	20.29 0.36 0.00	20.67 0.37 0.00	26.22 0.46 0.00	30.11 0.50 0.00	27.54 0.46 0.00	23.93 0.40 0.00	20.26 0.36 0.00	18.90 0.32 0.00	16.30 0.27 0.00
WATSON___69_KV_BK 1 55734	22.31 1.70 -2.31	17.96 1.56 -0.04	17.76 1.44 -0.01	16.89 1.44 -0.01	16.94 1.44 -0.03	17.92 1.55 -0.04	22.03 1.83 -1.38	59.62 2.26 -36.68	53.12 2.34 -30.12	62.42 2.22 -40.23	86.86 2.16 -64.86	27.38 2.21 -5.44	28.55 2.13 -6.71	28.99 2.13 -6.92	29.09 2.17 -7.20	29.52 2.19 -7.39	37.44 2.27 -14.86	36.78 2.22 -8.81	89.92 2.37 -57.94	43.85 2.27 -14.50	29.79 2.64 -3.62	27.80 2.23 -5.67	26.22 2.17 -5.46	23.72 1.84 -5.85



WDELAWARE___HYD 323627	19.25 0.95 0.00	17.20 0.83 0.00	17.11 0.78 0.00	16.19 0.74 0.00	16.20 0.73 0.00	17.18 0.85 0.00	19.81 0.98 0.00	21.87 1.18 0.00	21.82 1.16 0.00	21.09 1.12 0.00	20.97 1.13 0.00	20.90 1.16 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.85 1.12 0.00	21.09 1.16 0.00	21.51 1.20 0.00	27.22 1.47 0.00	31.39 1.78 0.00	28.75 1.68 0.00	24.99 1.46 0.00	21.17 1.27 0.00	19.75 1.17 0.00	17.02 0.99 0.00
WEST BABYLON___IC 23714	20.47 1.57 -0.60	17.80 1.42 -0.01	17.63 1.31 0.00	16.76 1.31 0.00	16.80 1.32 -0.01	17.76 1.42 -0.01	20.86 1.68 -0.35	32.23 2.07 -9.47	30.59 2.15 -7.77	32.41 2.06 -10.38	39.25 2.00 -17.41	24.26 2.05 -2.48	25.89 1.97 -4.20	25.88 1.97 -3.98	26.03 2.01 -4.30	25.81 2.03 -3.84	28.68 2.11 -6.26	30.06 2.03 -2.27	46.78 2.22 -14.95	32.93 2.11 -3.74	26.98 2.42 -1.03	26.02 2.07 -4.05	22.37 2.03 -1.76	19.25 1.71 -1.51
WEST CANADA___HYD 24049	18.37 0.07 0.00	16.43 0.07 0.00	16.39 0.07 0.00	15.51 0.06 0.00	15.54 0.06 0.00	16.39 0.07 0.00	18.91 0.08 0.00	20.77 0.08 0.00	20.75 0.08 0.00	20.05 0.08 0.00	19.90 0.06 0.00	19.81 0.08 0.00	19.77 0.06 0.00	19.99 0.06 0.00	19.78 0.06 0.00	20.01 0.08 0.00	20.39 0.08 0.00	25.83 0.08 0.00	29.70 0.09 0.00	27.16 0.08 0.00	23.60 0.07 0.00	19.98 0.08 0.00	18.64 0.06 0.00	16.08 0.05 0.00
WESTERN_NY_WIND 24143	18.13 -0.16 0.00	16.27 -0.10 0.00	16.16 -0.16 0.00	15.43 -0.02 0.00	15.49 0.02 0.00	16.13 -0.20 0.00	18.70 -0.13 0.00	20.07 -0.62 0.00	19.74 -0.93 0.00	19.31 -0.66 0.00	19.10 -0.73 0.00	19.02 -0.71 0.00	19.04 -0.67 0.00	19.26 -0.68 0.00	18.93 -0.79 0.00	19.14 -0.80 0.00	19.56 -0.75 0.00	25.45 -0.31 0.00	28.55 -1.06 0.00	26.21 -0.87 0.00	22.75 -0.78 0.00	19.20 -0.70 0.00	17.93 -0.65 0.00	15.48 -0.54 0.00
WESTOVER___LESR 323668	18.53 0.24 0.00	16.58 0.21 0.00	16.52 0.20 0.00	15.65 0.20 0.00	15.69 0.22 0.00	16.52 0.20 0.00	19.13 0.30 0.00	20.92 0.23 0.00	20.77 0.10 0.00	20.15 0.18 0.00	20.00 0.16 0.00	19.87 0.14 0.00	19.87 0.16 0.00	20.11 0.18 0.00	19.86 0.14 0.00	20.07 0.14 0.00	20.45 0.14 0.00	26.14 0.39 0.00	29.88 0.27 0.00	27.40 0.32 0.00	23.81 0.28 0.00	20.08 0.18 0.00	18.73 0.15 0.00	16.17 0.14 0.00
WETHRSFD_WT_PWR 323626	18.19 -0.11 0.00	16.35 -0.02 0.00	16.21 -0.11 0.00	15.46 0.02 0.00	15.51 0.03 0.00	16.15 -0.18 0.00	18.77 -0.06 0.00	20.22 -0.48 0.00	19.84 -0.83 0.00	19.39 -0.58 0.00	19.20 -0.64 0.00	19.08 -0.65 0.00	19.10 -0.61 0.00	19.34 -0.60 0.00	19.03 -0.69 0.00	19.20 -0.74 0.00	19.60 -0.71 0.00	25.47 -0.28 0.00	28.55 -1.06 0.00	26.21 -0.87 0.00	22.87 -0.66 0.00	19.24 -0.66 0.00	17.99 -0.60 0.00	15.55 -0.48 0.00
WHAVSTOR_138KV_BK127 55557	19.08 0.79 0.00	17.09 0.72 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.05 0.72 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.92 0.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.08 0.79 0.00	17.09 0.72 0.00	17.01 0.69 0.00	16.09 0.65 0.00	16.12 0.65 0.00	17.05 0.72 0.00	19.68 0.85 0.00	21.79 1.10 0.00	21.78 1.12 0.00	21.03 1.06 0.00	20.93 1.09 0.00	20.88 1.14 0.00	20.79 1.08 0.00	21.01 1.08 0.00	20.83 1.10 0.00	21.05 1.12 0.00	21.44 1.14 0.00	27.02 1.26 0.00	31.18 1.57 0.00	28.56 1.49 0.00	24.85 1.32 0.00	21.03 1.13 0.00	19.66 1.08 0.00	16.92 0.90 0.00
WHITEHAL_115KV_TB1 80871	19.08 0.79 0.00	17.15 0.79 0.00	17.04 0.72 0.00	16.11 0.66 0.00	16.14 0.67 0.00	17.01 0.69 0.00	19.81 0.98 0.00	21.91 1.22 0.00	21.89 1.22 0.00	21.11 1.14 0.00	20.95 1.11 0.00	20.82 1.09 0.00	20.72 1.01 0.00	20.99 1.06 0.00	20.71 0.99 0.00	20.99 1.06 0.00	21.44 1.14 0.00	27.15 1.39 0.00	31.42 1.81 0.00	28.70 1.62 0.00	24.87 1.34 0.00	21.01 1.11 0.00	19.57 0.98 0.00	16.80 0.77 0.00
WHITEPLN_13_KV_LOAD 356215	19.25 0.95 0.00	17.24 0.87 0.00	17.14 0.82 0.00	16.23 0.79 0.00	16.28 0.80 0.00	17.21 0.88 0.00	19.83 1.00 0.00	21.99 1.30 0.00	22.01 1.34 0.00	21.27 1.30 0.00	21.19 1.35 0.00	21.15 1.42 0.00	21.01 1.30 0.00	21.23 1.30 0.00	21.04 1.32 0.00	21.27 1.34 0.00	21.67 1.36 0.00	27.30 1.55 0.00	31.51 1.90 0.00	28.86 1.79 0.00	25.08 1.55 0.00	21.27 1.37 0.00	19.87 1.28 0.00	17.10 1.07 0.00
WM_FLOYD_69_KV_BK2 356380	24.80 1.81 -4.69	18.10 1.65 -0.08	17.87 1.53 -0.01	16.98 1.53 -0.01	17.07 1.53 -0.06	18.06 1.65 -0.08	23.58 1.96 -2.79	97.47 2.38 -74.40	84.21 2.44 -61.11	103.92 2.34 -81.61	152.76 2.28 -130.64	31.35 2.31 -9.31	32.11 2.21 -10.19	33.16 2.21 -11.01	33.18 2.25 -11.21	34.55 2.29 -12.32	49.46 2.38 -26.78	45.97 2.34 -17.87	149.76 2.61 -117.54	58.95 2.46 -29.41	33.50 2.75 -7.22	30.01 2.33 -7.78	31.46 2.29 -10.59	29.82 1.92 -11.87
WOODARD___115KV_TB2 355635	18.17 -0.13 0.00	16.27 -0.10 0.00	16.21 -0.11 0.00	15.34 -0.11 0.00	15.38 -0.09 0.00	16.23 -0.10 0.00	18.72 -0.11 0.00	20.46 -0.23 0.00	20.40 -0.27 0.00	19.77 -0.20 0.00	19.62 -0.22 0.00	19.51 -0.22 0.00	19.49 -0.22 0.00	19.74 -0.20 0.00	19.49 -0.24 0.00	19.70 -0.24 0.00	20.06 -0.24 0.00	25.55 -0.21 0.00	29.28 -0.33 0.00	26.83 -0.24 0.00	23.29 -0.24 0.00	19.68 -0.22 0.00	18.36 -0.22 0.00	15.85 -0.18 0.00
YORK___WARBASSE 23770	19.23 0.93 0.00	17.15 0.79 0.00	17.12 0.80 0.00	16.25 0.80 0.00	16.26 0.79 0.00	17.11 0.78 0.00	19.64 0.81 0.00	21.77 1.08 0.00	21.85 1.18 0.00	21.11 1.14 0.00	21.11 1.27 0.00	21.07 1.34 0.00	20.95 1.24 0.00	21.17 1.24 0.00	20.98 1.26 0.00	21.15 1.22 0.00	21.57 1.26 0.00	27.17 1.42 0.00	31.33 1.72 0.00	28.73 1.65 0.00	24.89 1.36 0.00	21.15 1.25 0.00	19.83 1.25 0.00	17.10 1.07 0.00