

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										04/17/2024			
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.86	17.48	16.70	15.98	16.95	17.94	23.25	21.45	20.53	19.24	20.17	20.32	19.76	25.56	27.78	26.27	28.68	31.36	33.35	34.05	30.00	31.92	21.24	19.57	
	0.84	0.81	0.84	0.87	0.86	0.86	1.15	1.25	1.02	0.97	1.13	1.08	1.02	1.41	1.60	1.41	1.59	1.83	1.94	2.27	2.05	1.87	1.12	1.03	
74TH STREET_GT_1 24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.88	17.52	16.73	15.99	16.97	17.97	23.25	21.45	20.51	19.32	20.15	20.30	19.74	25.53	27.76	26.26	28.66	31.33	33.35	34.05	30.01	31.94	21.27	19.60	
	0.86	0.84	0.86	0.88	0.88	0.89	1.16	1.25	1.01	0.95	1.11	1.06	1.01	1.39	1.57	1.40	1.57	1.80	1.93	2.27	2.06	1.90	1.14	1.06	
74TH STREET_GT_2 24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.88	17.52	16.73	15.99	16.97	17.97	23.25	21.45	20.51	19.32	20.15	20.30	19.74	25.53	27.76	26.26	28.66	31.33	33.35	34.05	30.01	31.94	21.27	19.60	
	0.86	0.84	0.86	0.88	0.88	0.89	1.16	1.25	1.01	0.95	1.11	1.06	1.01	1.39	1.57	1.40	1.57	1.80	1.93	2.27	2.06	1.90	1.14	1.06	
ADK HUDSON___FALLS 24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.42	17.08	16.26	15.57	16.60	17.77	23.01	21.04	19.88	18.09	19.14	19.29	18.72	24.21	26.36	25.12	27.60	30.64	32.78	33.30	29.30	31.23	20.74	19.05	
	0.40	0.40	0.39	0.46	0.52	0.69	0.91	0.84	0.37	0.16	0.10	0.05	-0.01	0.07	0.18	0.26	0.51	1.11	1.37	1.52	1.35	1.18	0.61	0.52	
ADK RESOURCE___RCVRY 23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.46	17.12	16.30	15.63	16.67	17.88	23.17	21.19	19.93	18.10	19.15	19.31	18.71	24.21	26.37	25.14	27.63	30.82	32.97	33.49	29.48	31.36	20.79	19.10	
	0.44	0.44	0.43	0.51	0.58	0.80	1.08	0.99	0.42	0.17	0.11	0.06	-0.02	0.07	0.18	0.28	0.54	1.29	1.55	1.71	1.53	1.31	0.66	0.56	
ADK S GLENS___FALLS 24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.42	17.08	16.26	15.57	16.60	17.77	23.01	21.04	19.88	18.09	19.14	19.29	18.72	24.21	26.36	25.12	27.60	30.64	32.78	33.30	29.30	31.23	20.74	19.05	
	0.40	0.40	0.39	0.46	0.52	0.69	0.91	0.84	0.37	0.16	0.10	0.05	-0.01	0.07	0.18	0.26	0.51	1.11	1.37	1.52	1.35	1.18	0.61	0.52	
ADK_NYS___DAM 23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.50	17.19	16.37	15.70	16.70	17.82	22.93	20.94	19.85	18.08	19.18	19.33	18.80	24.28	26.39	25.04	27.46	30.31	32.70	33.18	29.18	31.24	20.82	19.18	
	0.48	0.51	0.51	0.59	0.62	0.74	0.83	0.75	0.35	0.16	0.13	0.08	0.06	0.14	0.20	0.17	0.37	0.77	1.28	1.40	1.23	1.19	0.69	0.65	
AIR_PRODUCTS___DRP 24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.07	16.75	15.95	15.25	16.21	17.21	22.21	20.26	19.45	17.83	18.83	19.00	18.52	23.91	25.99	24.67	27.05	29.65	31.64	32.11	28.22	30.18	20.18	18.57	
	0.05	0.07	0.09	0.14	0.13	0.13	0.11	0.06	-0.05	-0.10	-0.21	-0.23	-0.22	-0.24	-0.19	-0.20	-0.03	0.11	0.22	0.33	0.26	0.14	0.05	0.04	
AKWESSNE_115KV_BK 355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.09	16.73	15.91	15.12	16.13	17.13	22.22	20.25	19.70	18.11	19.23	19.45	18.95	24.32	26.34	25.06	27.22	29.55	31.51	31.67	27.80	30.10	20.12	18.48	
	0.07	0.06	0.05	0.01	0.04	0.05	0.13	0.05	0.19	0.18	0.19	0.20	0.21	0.18	0.15	0.19	0.13	0.02	0.09	-0.11	-0.15	0.06	-0.01	-0.06	
ALBANY_1_SOLAR 323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.43	17.10	16.28	15.56	16.56	17.60	22.73	20.71	19.79	18.08	19.13	19.28	18.82	24.26	26.44	25.09	27.61	30.29	32.32	32.78	28.81	30.84	20.62	19.00	
	0.41	0.42	0.42	0.45	0.47	0.52	0.64	0.51	0.28	0.16	0.09	0.04	0.08	0.12	0.25	0.22	0.53	0.76	0.90	1.00	0.86	0.79	0.50	0.46	
ALBANY_2_SOLAR 323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.42	17.10	16.27	15.56	16.55	17.60	22.73	20.71	19.78	18.08	19.13	19.28	18.82	24.26	26.44	25.09	27.61	30.29	32.31	32.78	28.80	30.84	20.62	19.00	
	0.40	0.42	0.41	0.45	0.47	0.52	0.64	0.51	0.28	0.15	0.09	0.04	0.08	0.12	0.25	0.22	0.52	0.76	0.89	0.99	0.85	0.79	0.50	0.46	
ALBANY___1 23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	17.07	16.75	15.95	15.25	16.21	17.21	22.21	20.26	19.45	17.83	18.83	19.00	18.52	23.91	25.99	24.67	27.05	29.65	31.64	32.11	28.22	30.18	20.18	18.57	
	0.05	0.07	0.09	0.14	0.13	0.13	0.11	0.06	-0.05	-0.10	-0.21	-0.23	-0.22	-0.24	-0.19	-0.20	-0.03	0.11	0.22	0.33	0.26	0.14	0.05	0.04	

ALBANY___2 23572	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.09 0.00	15.25 0.14 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.00 -0.23 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.11 0.00	31.64 0.22 0.00	32.11 0.33 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
ALBANY___3 23573	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.09 0.00	15.25 0.14 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.00 -0.23 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.11 0.00	31.64 0.22 0.00	32.11 0.33 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
ALBANY___4 23574	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.09 0.00	15.25 0.14 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.00 -0.23 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.11 0.00	31.64 0.22 0.00	32.11 0.33 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
ALBANY___LFGE 323615	17.24 0.22 0.00	16.91 0.23 0.00	16.10 0.23 0.00	15.39 0.28 0.00	16.36 0.28 0.00	17.39 0.31 0.00	22.45 0.36 0.00	20.50 0.30 0.00	19.64 0.14 0.00	17.97 0.04 0.00	19.00 -0.04 0.00	19.18 -0.07 0.00	18.68 -0.05 0.00	24.12 -0.02 0.00	26.24 0.06 0.00	24.91 0.05 0.00	27.33 0.24 0.00	29.94 0.41 0.00	31.93 0.51 0.00	32.42 0.64 0.00	28.48 0.53 0.00	30.45 0.41 0.00	20.35 0.23 0.00	18.72 0.19 0.00
ALCOA_PA_115KV_PL-6C 55860	17.19 0.17 0.00	16.83 0.15 0.00	16.00 0.14 0.00	15.21 0.10 0.00	16.22 0.14 0.00	17.24 0.16 0.00	22.38 0.29 0.00	20.38 0.18 0.00	19.80 0.30 0.00	18.21 0.29 0.00	19.32 0.28 0.00	19.53 0.29 0.00	19.03 0.30 0.00	24.42 0.28 0.00	26.46 0.27 0.00	25.18 0.32 0.00	27.35 0.26 0.00	29.75 0.22 0.00	31.73 0.32 0.00	31.91 0.13 0.00	27.98 0.03 0.00	30.28 0.23 0.00	20.23 0.10 0.00	18.57 0.04 0.00
ALCOA_RYNLDS___DRP 24188	17.19 0.17 0.00	16.83 0.15 0.00	16.00 0.14 0.00	15.21 0.10 0.00	16.22 0.14 0.00	17.24 0.16 0.00	22.38 0.29 0.00	20.38 0.18 0.00	19.80 0.30 0.00	18.21 0.29 0.00	19.32 0.28 0.00	19.53 0.29 0.00	19.03 0.30 0.00	24.42 0.28 0.00	26.46 0.27 0.00	25.18 0.32 0.00	27.35 0.26 0.00	29.75 0.22 0.00	31.73 0.32 0.00	31.91 0.13 0.00	27.98 0.03 0.00	30.28 0.23 0.00	20.23 0.10 0.00	18.57 0.04 0.00
ALCOA___DSASP 323711	17.19 0.17 0.00	16.83 0.15 0.00	16.00 0.14 0.00	15.21 0.10 0.00	16.22 0.13 0.00	17.24 0.16 0.00	22.38 0.29 0.00	20.38 0.18 0.00	19.80 0.30 0.00	18.21 0.28 0.00	19.33 0.28 0.00	19.53 0.29 0.00	19.03 0.29 0.00	24.42 0.28 0.00	26.46 0.27 0.00	25.18 0.32 0.00	27.35 0.26 0.00	29.75 0.22 0.00	31.73 0.32 0.00	31.91 0.13 0.00	27.98 0.03 0.00	30.28 0.23 0.00	20.23 0.10 0.00	18.57 0.04 0.00
ALLEGHENY___COGEN 23514	17.04 0.02 0.00	16.68 0.00 0.00	15.78 -0.08 0.00	14.89 -0.22 0.00	15.88 -0.21 0.00	16.82 -0.26 0.00	21.74 -0.36 0.00	20.18 -0.02 0.00	19.61 0.10 0.00	18.37 0.44 0.00	19.45 0.41 0.00	19.61 0.37 0.00	19.13 0.39 0.00	24.40 0.26 0.00	26.23 0.05 0.00	24.91 0.04 0.00	26.67 -0.42 0.00	28.60 -0.94 0.00	30.55 -0.87 0.00	31.33 -0.45 0.00	27.83 -0.12 0.00	29.71 -0.33 0.00	20.26 0.13 0.00	18.90 0.37 0.00
ALTAMONT_115KV_TB 2 55880	17.28 0.26 0.00	16.94 0.26 0.00	16.12 0.26 0.00	15.41 0.30 0.00	16.38 0.30 0.00	17.40 0.33 0.00	22.49 0.40 0.00	20.58 0.38 0.00	19.74 0.23 0.00	18.09 0.16 0.00	19.20 0.16 0.00	19.37 0.13 0.00	18.86 0.13 0.00	24.34 0.20 0.00	26.45 0.27 0.00	25.10 0.24 0.00	27.46 0.38 0.00	30.09 0.56 0.00	32.09 0.67 0.00	32.57 0.79 0.00	28.64 0.69 0.00	30.65 0.60 0.00	20.49 0.37 0.00	18.87 0.34 0.00
ALTONA_WT_PWR 323606	17.70 0.68 0.00	17.29 0.61 0.00	16.47 0.61 0.00	15.69 0.58 0.00	16.69 0.60 0.00	17.93 0.85 0.00	23.42 1.33 0.00	21.26 1.06 0.00	20.36 0.86 0.00	18.68 0.75 0.00	19.94 0.90 0.00	20.16 0.92 0.00	19.68 0.94 0.00	25.15 1.01 0.00	27.20 1.02 0.00	25.95 1.09 0.00	27.99 0.90 0.00	30.33 0.79 0.00	32.49 1.08 0.00	32.30 0.52 0.00	27.79 -0.15 0.00	29.86 -0.18 0.00	19.66 -0.46 0.00	17.93 -0.60 0.00
AMERICAN_REF_FUEL 24010	15.75 -1.27 0.00	15.43 -1.25 0.00	14.65 -1.22 0.00	13.82 -1.29 0.00	14.72 -1.37 0.00	15.43 -1.65 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.72 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.14 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.77 0.00	28.17 -3.61 0.00	25.09 -2.86 0.00	26.99 -3.06 0.00	18.73 -1.40 0.00	17.62 -0.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.13 -0.89 0.00	15.80 -0.87 0.00	14.96 -0.91 0.00	14.15 -0.96 0.00	14.99 -1.10 0.00	15.81 -1.27 0.00	20.85 -1.24 0.00	19.34 -0.86 0.00	18.73 -0.78 0.00	17.62 -0.31 0.00	18.44 -0.60 0.00	18.77 -0.48 0.00	18.23 -0.51 0.00	23.32 -0.82 0.00	25.12 -1.07 0.00	24.09 -0.77 0.00	25.91 -1.18 0.00	27.91 -1.62 0.00	29.54 -1.88 0.00	29.91 -1.87 0.00	26.05 -1.90 0.00	27.95 -2.10 0.00	19.58 -0.55 0.00	18.13 -0.40 0.00
ARTHUR KILL_GT_1 23520	17.86 0.84 0.00	17.48 0.81 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.92 0.84 0.00	23.18 1.09 0.00	21.34 1.14 0.00	20.38 0.87 0.00	19.11 0.74 -0.44	19.98 0.94 0.00	20.13 0.89 0.00	19.59 0.85 0.00	25.37 1.23 0.00	27.61 1.43 0.00	26.09 1.23 0.00	28.56 1.47 0.00	31.25 1.71 0.00	33.27 1.86 0.00	34.06 2.28 0.00	29.93 1.98 0.00	31.81 1.77 0.00	21.22 1.10 0.00	19.57 1.03 0.00
ARTHUR_KILL_2 23512	17.81 0.79 0.00	17.45 0.77 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.89 0.81 0.00	17.88 0.80 0.00	23.12 1.02 0.00	21.28 1.08 0.00	20.32 0.82 0.00	19.06 0.69 -0.44	19.94 0.89 0.00	20.10 0.85 0.00	19.55 0.81 0.00	25.31 1.17 0.00	27.54 1.35 0.00	26.02 1.16 0.00	28.48 1.40 0.00	31.16 1.63 0.00	33.18 1.76 0.00	33.97 2.19 0.00	29.85 1.90 0.00	31.72 1.68 0.00	21.17 1.04 0.00	19.52 0.98 0.00
ARTHUR_KILL_3 23513	17.74 0.72 0.00	17.37 0.69 0.00	16.59 0.73 0.00	15.87 0.76 0.00	16.84 0.75 0.00	17.81 0.73 0.00	23.05 0.96 0.00	21.25 1.05 0.00	20.31 0.80 0.00	19.10 0.78 -0.39	19.94 0.89 0.00	20.08 0.84 0.00	19.54 0.80 0.00	25.27 1.12 0.00	27.46 1.28 0.00	25.97 1.11 0.00	28.35 1.27 0.00	31.01 1.47 0.00	32.99 1.57 0.00	33.71 1.93 0.00	29.74 1.79 0.00	31.64 1.59 0.00	21.07 0.94 0.00	19.41 0.87 0.00

ARTHUR_KILL_COGEN 323718	17.86 0.84 0.00	17.48 0.81 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.92 0.84 0.00	23.18 1.09 0.00	21.34 1.14 0.00	20.38 0.87 0.00	19.11 0.74 -0.44	19.98 0.94 0.00	20.13 0.89 0.00	19.59 0.85 0.00	25.37 1.23 0.00	27.61 1.43 0.00	26.09 1.23 0.00	28.56 1.47 0.00	31.25 1.71 0.00	33.27 1.86 0.00	34.06 2.28 0.00	29.93 1.98 0.00	31.81 1.77 0.00	21.22 1.10 0.00	19.57 1.03 0.00
ASHOKAN____ 23654	17.82 0.80 0.00	17.46 0.78 0.00	16.61 0.75 0.00	15.89 0.78 0.00	16.91 0.83 0.00	18.02 0.94 0.00	23.37 1.27 0.00	21.39 1.19 0.00	20.37 0.87 0.00	18.50 0.57 0.00	19.55 0.51 0.00	19.63 0.39 0.00	19.18 0.45 0.00	24.81 0.67 0.00	26.97 0.79 0.00	25.62 0.76 0.00	28.31 1.22 0.00	31.20 1.67 0.00	33.37 1.95 0.00	33.95 2.17 0.00	29.84 1.88 0.00	31.84 1.80 0.00	21.23 1.10 0.00	19.49 0.96 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.82 0.80 0.00	17.47 0.79 0.00	16.67 0.81 0.00	15.95 0.83 0.00	16.92 0.84 0.00	17.89 0.81 0.00	23.18 1.09 0.00	21.34 1.14 0.00	20.42 0.92 0.00	19.10 0.73 -0.44	20.05 1.01 0.00	20.18 0.93 0.00	19.64 0.90 0.00	25.38 1.23 0.00	27.61 1.43 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.08 1.67 0.00	33.84 2.06 0.00	29.84 1.89 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.81 0.79 0.00	17.47 0.79 0.00	16.67 0.81 0.00	15.95 0.83 0.00	16.92 0.84 0.00	17.88 0.80 0.00	23.18 1.09 0.00	21.34 1.14 0.00	20.42 0.92 0.00	19.10 0.73 -0.44	20.05 1.01 0.00	20.18 0.93 0.00	19.64 0.90 0.00	25.38 1.23 0.00	27.62 1.43 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.08 1.67 0.00	33.84 2.06 0.00	29.84 1.89 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.99 0.00
ASTORIA_GT2_1 24094	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT2_2 24095	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT2_3 24096	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT2_4 24097	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT3_1 24098	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT3_2 24099	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT3_3 24100	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT3_4 24101	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT4_1 24102	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT4_2 24103	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT4_3 24104	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00

ASTORIA_GT4_4 24105	17.82 0.80 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.82 0.00	23.19 1.10 0.00	21.34 1.15 0.00	20.43 0.92 0.00	19.13 0.77 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.45 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.85 2.07 0.00	29.85 1.90 0.00	31.82 1.78 0.00	21.18 1.05 0.00	19.54 1.00 0.00
ASTORIA_GT_1 23523	17.85 0.83 0.00	17.49 0.82 0.00	16.70 0.84 0.00	15.97 0.86 0.00	16.95 0.86 0.00	17.92 0.84 0.00	23.23 1.13 0.00	21.38 1.19 0.00	20.47 0.96 0.00	19.14 0.78 -0.44	20.10 1.06 0.00	20.23 0.99 0.00	19.68 0.95 0.00	25.44 1.30 0.00	27.68 1.50 0.00	26.16 1.30 0.00	28.53 1.44 0.00	31.18 1.65 0.00	33.16 1.74 0.00	33.92 2.14 0.00	29.90 1.95 0.00	31.88 1.83 0.00	21.21 1.08 0.00	19.56 1.03 0.00
ASTORIA_GT_10 24110	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.21 0.84 -0.44	20.07 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.45 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.91 2.12 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA_GT_11 24225	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.21 0.84 -0.44	20.07 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.45 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.91 2.12 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA_GT_12 24226	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.21 0.84 -0.44	20.07 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.45 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.91 2.12 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA_GT_13 24227	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.21 0.84 -0.44	20.07 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.45 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.91 2.12 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA_GT_5 24106	17.85 0.83 0.00	17.49 0.82 0.00	16.71 0.85 0.00	15.97 0.86 0.00	16.96 0.87 0.00	17.92 0.84 0.00	23.23 1.13 0.00	21.39 1.19 0.00	20.47 0.96 0.00	19.17 0.80 -0.44	20.10 1.06 0.00	20.23 0.99 0.00	19.68 0.95 0.00	25.44 1.29 0.00	27.68 1.50 0.00	26.16 1.30 0.00	28.53 1.44 0.00	31.18 1.65 0.00	33.17 1.75 0.00	33.92 2.14 0.00	29.90 1.95 0.00	31.88 1.83 0.00	21.21 1.08 0.00	19.57 1.03 0.00
ASTORIA_GT_7 24107	17.85 0.83 0.00	17.49 0.82 0.00	16.71 0.85 0.00	15.97 0.86 0.00	16.96 0.87 0.00	17.92 0.84 0.00	23.23 1.13 0.00	21.39 1.19 0.00	20.47 0.96 0.00	19.17 0.80 -0.44	20.10 1.06 0.00	20.23 0.99 0.00	19.68 0.95 0.00	25.44 1.29 0.00	27.68 1.50 0.00	26.16 1.30 0.00	28.53 1.44 0.00	31.18 1.65 0.00	33.16 1.75 0.00	33.92 2.14 0.00	29.90 1.95 0.00	31.88 1.83 0.00	21.21 1.08 0.00	19.57 1.03 0.00
ASTORIA_GT_8 24108	17.85 0.83 0.00	17.49 0.82 0.00	16.71 0.85 0.00	15.97 0.86 0.00	16.96 0.87 0.00	17.92 0.84 0.00	23.23 1.13 0.00	21.39 1.19 0.00	20.47 0.96 0.00	19.17 0.80 -0.44	20.10 1.06 0.00	20.23 0.99 0.00	19.68 0.95 0.00	25.44 1.29 0.00	27.68 1.50 0.00	26.16 1.30 0.00	28.53 1.44 0.00	31.18 1.65 0.00	33.16 1.75 0.00	33.92 2.14 0.00	29.90 1.95 0.00	31.88 1.83 0.00	21.21 1.08 0.00	19.57 1.03 0.00
ASTORIA___2 24149	17.82 0.80 0.00	17.47 0.79 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.89 0.81 0.00	23.19 1.10 0.00	21.35 1.15 0.00	20.43 0.92 0.00	19.11 0.74 -0.44	20.06 1.02 0.00	20.19 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.63 1.44 0.00	26.11 1.25 0.00	28.48 1.39 0.00	31.12 1.59 0.00	33.10 1.69 0.00	33.86 2.08 0.00	29.85 1.90 0.00	31.82 1.77 0.00	21.17 1.05 0.00	19.53 1.00 0.00
ASTORIA___3 23516	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.81 0.00	15.95 0.84 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.20 0.84 -0.44	20.06 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.44 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.91 2.13 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA___4 23517	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.21 0.84 -0.44	20.07 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.45 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.91 2.12 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
ASTORIA___5 23518	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.81 0.00	15.95 0.84 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.20 0.84 -0.44	20.06 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.44 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.91 2.13 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
AST_ENERGY_2_CC3 323677	17.76 0.74 0.00	17.41 0.73 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.87 0.79 0.00	17.85 0.77 0.00	23.10 1.01 0.00	21.30 1.10 0.00	20.37 0.86 0.00	19.14 0.82 -0.39	20.00 0.96 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.34 1.19 0.00	27.54 1.36 0.00	26.06 1.20 0.00	28.43 1.35 0.00	31.09 1.56 0.00	33.09 1.67 0.00	33.79 2.01 0.00	29.79 1.84 0.00	31.71 1.67 0.00	21.12 0.99 0.00	19.46 0.92 0.00
AST_ENERGY_2_CC4 323678	17.76 0.74 0.00	17.41 0.73 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.87 0.79 0.00	17.85 0.77 0.00	23.10 1.01 0.00	21.30 1.10 0.00	20.37 0.86 0.00	19.14 0.82 -0.39	20.00 0.96 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.34 1.19 0.00	27.54 1.36 0.00	26.06 1.20 0.00	28.43 1.35 0.00	31.09 1.56 0.00	33.09 1.67 0.00	33.79 2.01 0.00	29.79 1.84 0.00	31.71 1.67 0.00	21.12 0.99 0.00	19.46 0.92 0.00

ATHENS_STG_1 23668	17.41 0.39 0.00	17.07 0.39 0.00	16.25 0.39 0.00	15.54 0.43 0.00	16.51 0.42 0.00	17.52 0.44 0.00	22.65 0.55 0.00	20.76 0.56 0.00	19.89 0.39 0.00	18.26 0.33 0.00	19.42 0.38 0.00	19.59 0.35 0.00	19.07 0.34 0.00	24.62 0.48 0.00	26.75 0.57 0.00	25.36 0.50 0.00	27.72 0.63 0.00	30.36 0.82 0.00	32.37 0.95 0.00	32.91 1.13 0.00	28.96 1.01 0.00	30.95 0.90 0.00	20.68 0.55 0.00	19.05 0.51 0.00
ATHENS_STG_2 23670	17.41 0.39 0.00	17.07 0.39 0.00	16.25 0.39 0.00	15.54 0.43 0.00	16.51 0.42 0.00	17.52 0.44 0.00	22.65 0.55 0.00	20.76 0.56 0.00	19.89 0.39 0.00	18.26 0.33 0.00	19.42 0.38 0.00	19.59 0.35 0.00	19.07 0.34 0.00	24.62 0.48 0.00	26.75 0.57 0.00	25.36 0.50 0.00	27.72 0.63 0.00	30.36 0.82 0.00	32.37 0.95 0.00	32.91 1.13 0.00	28.96 1.01 0.00	30.95 0.90 0.00	20.68 0.55 0.00	19.05 0.51 0.00
ATHENS_STG_3 23677	17.41 0.39 0.00	17.07 0.39 0.00	16.25 0.39 0.00	15.54 0.43 0.00	16.51 0.42 0.00	17.52 0.44 0.00	22.65 0.55 0.00	20.76 0.56 0.00	19.89 0.39 0.00	18.26 0.33 0.00	19.42 0.38 0.00	19.59 0.35 0.00	19.07 0.34 0.00	24.62 0.48 0.00	26.75 0.57 0.00	25.36 0.50 0.00	27.72 0.63 0.00	30.36 0.82 0.00	32.37 0.95 0.00	32.91 1.13 0.00	28.96 1.01 0.00	30.95 0.90 0.00	20.68 0.55 0.00	19.05 0.51 0.00
AUBURN___LFGE 323710	16.94 -0.08 0.00	16.54 -0.14 0.00	15.77 -0.10 0.00	15.00 -0.11 0.00	15.90 -0.18 0.00	16.95 -0.13 0.00	21.94 -0.15 0.00	20.08 -0.12 0.00	19.44 -0.07 0.00	17.91 -0.02 0.00	18.95 -0.09 0.00	19.21 -0.03 0.00	18.72 -0.01 0.00	24.09 -0.05 0.00	26.15 -0.04 0.00	24.79 -0.07 0.00	26.97 -0.12 0.00	29.36 -0.17 0.00	31.13 -0.29 0.00	31.65 -0.13 0.00	27.90 -0.05 0.00	29.84 -0.21 0.00	20.08 -0.05 0.00	18.49 -0.05 0.00
BABYLON_RES_REC 323704	18.03 1.01 0.00	17.71 1.03 0.00	16.83 0.97 0.00	16.09 0.97 0.00	17.02 0.94 0.00	17.99 0.91 0.00	23.34 1.25 0.00	21.50 1.30 0.00	20.43 0.92 0.00	18.35 0.68 0.26	20.13 1.09 0.00	20.30 1.05 0.00	19.71 0.98 0.00	25.50 1.35 0.00	27.90 1.72 0.00	26.52 1.66 0.00	28.93 1.84 0.00	31.54 2.01 0.00	33.56 2.14 0.00	34.31 2.52 0.00	30.22 2.27 0.00	32.11 2.06 0.00	21.41 1.28 0.00	19.71 1.18 0.00
BABYLON__69_KV_BK2 356345	18.21 1.20 0.00	17.89 1.21 0.00	17.00 1.14 0.00	16.25 1.14 0.00	17.20 1.11 0.00	18.17 1.09 0.00	23.60 1.50 0.00	21.72 1.52 0.00	20.62 1.12 0.00	18.48 0.82 0.26	20.30 1.26 0.00	20.48 1.23 0.00	19.87 1.13 0.00	25.71 1.57 0.00	28.13 1.95 0.00	26.78 1.92 0.00	29.24 2.15 0.00	31.90 2.37 0.00	33.93 2.51 0.00	34.68 2.90 0.00	30.56 2.61 0.00	32.46 2.42 0.00	21.65 1.52 0.00	19.93 1.39 0.00
BALL_HILL_WT_PWR 323825	16.25 -0.77 0.00	15.93 -0.75 0.00	15.09 -0.77 0.00	14.27 -0.84 0.00	15.16 -0.92 0.00	15.99 -1.09 0.00	20.67 -1.42 0.00	19.14 -1.05 0.00	18.69 -0.82 0.00	17.44 -0.49 0.00	18.47 -0.57 0.00	18.76 -0.48 0.00	18.21 -0.52 0.00	23.37 -0.77 0.00	25.12 -1.07 0.00	23.94 -0.93 0.00	25.74 -1.35 0.00	27.66 -1.87 0.00	29.18 -2.24 0.00	29.72 -2.06 0.00	26.22 -1.74 0.00	28.07 -1.98 0.00	19.47 -0.65 0.00	18.17 -0.37 0.00
BARON_WINDS___WT_PWR 323822	16.47 -0.55 0.00	16.15 -0.53 0.00	15.25 -0.61 0.00	14.36 -0.75 0.00	15.24 -0.84 0.00	16.07 -1.01 0.00	20.65 -1.45 0.00	19.24 -0.96 0.00	18.81 -0.70 0.00	17.65 -0.27 0.00	18.73 -0.31 0.00	18.97 -0.27 0.00	18.45 -0.28 0.00	23.73 -0.41 0.00	25.36 -0.82 0.00	23.99 -0.87 0.00	25.76 -1.33 0.00	27.70 -1.83 0.00	29.45 -1.97 0.00	29.99 -1.79 0.00	26.29 -1.66 0.00	27.98 -2.07 0.00	19.15 -0.98 0.00	17.95 -0.59 0.00
BARRETT_IC_1 23704	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_10 23701	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_11 23702	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_12 23703	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_2 23705	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_3 23706	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_4 23707	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00

BARRETT_IC_5 23708	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_6 23709	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_7 23710	17.83 0.81 0.00	17.51 0.84 0.00	16.65 0.78 0.00	15.92 0.80 0.00	16.86 0.78 0.00	17.82 0.74 0.00	23.03 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.22 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_8 23711	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT_IC_9 23700	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT___1 23545	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BARRETT___2 23546	17.83 0.81 0.00	17.51 0.83 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.86 0.77 0.00	17.81 0.73 0.00	23.02 0.93 0.00	21.16 0.96 0.00	20.20 0.69 0.00	18.48 0.56 0.00	20.00 0.96 0.00	20.16 0.91 0.00	19.63 0.89 0.00	25.36 1.21 0.00	27.71 1.53 0.00	26.27 1.40 0.00	28.57 1.49 0.00	31.15 1.62 0.00	33.09 1.67 0.00	33.81 2.03 0.00	29.80 1.85 0.00	31.68 1.64 0.00	21.17 1.04 0.00	19.49 0.96 0.00
BATAVIA___115KV_TB1 55881	16.45 -0.56 0.00	16.11 -0.56 0.00	15.28 -0.58 0.00	14.46 -0.65 0.00	15.40 -0.68 0.00	16.29 -0.79 0.00	20.97 -1.12 0.00	19.39 -0.81 0.00	19.01 -0.49 0.00	17.69 -0.24 0.00	18.85 -0.19 0.00	19.14 -0.10 0.00	18.59 -0.15 0.00	23.80 -0.35 0.00	25.49 -0.70 0.00	24.36 -0.50 0.00	26.21 -0.87 0.00	28.15 -1.38 0.00	29.66 -1.76 0.00	30.18 -1.60 0.00	26.83 -1.12 0.00	28.75 -1.30 0.00	19.76 -0.37 0.00	18.44 -0.09 0.00
BAYONEEC___CTG1 323682	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG10 323750	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG2 323683	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG3 323684	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG4 323685	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG5 323686	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG6 323687	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00

BAYONEEC___CTG7 323688	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG8 323689	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BAYONEEC___CTG9 323749	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.15 0.83 -0.39	20.01 0.97 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.39 0.00	26.07 1.21 0.00	28.45 1.37 0.00	31.11 1.58 0.00	33.12 1.70 0.00	33.83 2.04 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.13 1.01 0.00	19.48 0.94 0.00
BEACON___LESR 323632	17.34 0.32 0.00	16.99 0.31 0.00	16.17 0.31 0.00	15.47 0.36 0.00	16.46 0.37 0.00	17.51 0.43 0.00	22.65 0.55 0.00	20.65 0.45 0.00	19.81 0.30 0.00	18.11 0.18 0.00	19.13 0.09 0.00	19.33 0.09 0.00	18.85 0.12 0.00	24.33 0.18 0.00	26.46 0.28 0.00	25.08 0.22 0.00	27.55 0.46 0.00	30.22 0.68 0.00	32.22 0.81 0.00	32.71 0.92 0.00	28.76 0.81 0.00	30.79 0.74 0.00	20.55 0.42 0.00	18.89 0.36 0.00
BEAVER RIVER___HYD 24048	17.03 0.02 0.00	16.65 -0.02 0.00	15.85 -0.02 0.00	15.08 -0.03 0.00	16.07 -0.01 0.00	17.14 0.06 0.00	22.23 0.14 0.00	20.14 -0.06 0.00	19.21 -0.30 0.00	17.67 -0.25 0.00	18.60 -0.44 0.00	18.80 -0.44 0.00	18.32 -0.41 0.00	23.63 -0.52 0.00	25.99 -0.20 0.00	24.67 -0.20 0.00	27.02 -0.06 0.00	29.42 -0.12 0.00	31.26 -0.15 0.00	31.79 0.00 0.00	27.56 -0.39 0.00	28.67 -1.37 0.00	19.10 -1.03 0.00	17.53 -1.00 0.00
BEEBEE_GT_13 23619	16.45 -0.56 0.00	16.11 -0.56 0.00	15.29 -0.57 0.00	14.50 -0.61 0.00	15.44 -0.65 0.00	16.39 -0.69 0.00	21.12 -0.97 0.00	19.45 -0.75 0.00	18.97 -0.54 0.00	17.55 -0.37 0.00	18.68 -0.36 0.00	18.94 -0.30 0.00	18.41 -0.32 0.00	23.67 -0.48 0.00	25.51 -0.67 0.00	24.31 -0.56 0.00	26.24 -0.84 0.00	28.33 -1.21 0.00	29.94 -1.48 0.00	30.46 -1.33 0.00	26.97 -0.98 0.00	28.88 -1.16 0.00	19.69 -0.44 0.00	18.29 -0.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.96 0.94 0.00	17.58 0.90 0.00	16.78 0.92 0.00	16.04 0.93 0.00	17.03 0.94 0.00	18.02 0.94 0.00	23.33 1.24 0.00	21.51 1.31 0.00	20.58 1.07 0.00	19.34 0.97 -0.44	20.21 1.16 0.00	20.35 1.11 0.00	19.79 1.06 0.00	25.61 1.47 0.00	27.86 1.68 0.00	26.35 1.49 0.00	28.79 1.70 0.00	31.47 1.93 0.00	33.49 2.07 0.00	34.24 2.46 0.00	30.17 2.22 0.00	32.11 2.06 0.00	21.39 1.26 0.00	19.69 1.16 0.00
BETHLEHEM___GRP 23843	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.09 0.00	15.25 0.14 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.00 -0.23 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.11 0.00	31.64 0.22 0.00	32.11 0.33 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
BETHLEHEM___GS1 323560	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.08 0.00	15.25 0.13 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.01 -0.24 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.12 0.00	31.64 0.23 0.00	32.12 0.34 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
BETHLEHEM___GS2 323561	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.08 0.00	15.25 0.13 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.01 -0.24 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.12 0.00	31.64 0.23 0.00	32.12 0.34 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
BETHLEHEM___GS3 323562	17.07 0.05 0.00	16.75 0.07 0.00	15.95 0.08 0.00	15.25 0.13 0.00	16.21 0.13 0.00	17.21 0.13 0.00	22.21 0.11 0.00	20.26 0.06 0.00	19.45 -0.05 0.00	17.83 -0.10 0.00	18.83 -0.21 0.00	19.01 -0.24 0.00	18.52 -0.22 0.00	23.91 -0.24 0.00	25.99 -0.19 0.00	24.67 -0.20 0.00	27.05 -0.03 0.00	29.65 0.12 0.00	31.64 0.23 0.00	32.12 0.34 0.00	28.22 0.26 0.00	30.18 0.14 0.00	20.18 0.05 0.00	18.57 0.04 0.00
BETHLEHEM___STEEL 23779	16.25 -0.77 0.00	15.92 -0.76 0.00	15.08 -0.79 0.00	14.25 -0.86 0.00	15.15 -0.94 0.00	15.99 -1.09 0.00	20.55 -1.55 0.00	19.01 -1.19 0.00	18.65 -0.85 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.76 -0.48 0.00	18.23 -0.51 0.00	23.37 -0.77 0.00	25.09 -1.10 0.00	23.90 -0.96 0.00	25.66 -1.43 0.00	27.51 -2.02 0.00	28.97 -2.45 0.00	29.54 -2.24 0.00	26.19 -1.76 0.00	28.06 -1.99 0.00	19.41 -0.72 0.00	18.17 -0.37 0.00
BETHLHEM_115KV_TB1 79974	17.12 0.09 0.00	16.79 0.11 0.00	15.99 0.12 0.00	15.29 0.17 0.00	16.25 0.17 0.00	17.25 0.17 0.00	22.27 0.17 0.00	20.28 0.08 0.00	19.47 -0.04 0.00	17.84 -0.09 0.00	18.85 -0.19 0.00	19.02 -0.22 0.00	18.53 -0.21 0.00	23.91 -0.23 0.00	26.01 -0.17 0.00	24.68 -0.18 0.00	27.07 -0.01 0.00	29.67 0.14 0.00	31.68 0.26 0.00	32.15 0.36 0.00	28.24 0.29 0.00	30.21 0.17 0.00	20.19 0.06 0.00	18.59 0.05 0.00
BETHPAGE_CC_5 323564	18.00 0.98 0.00	17.67 1.00 0.00	16.80 0.94 0.00	16.06 0.95 0.00	17.00 0.92 0.00	17.97 0.89 0.00	23.29 1.20 0.00	21.46 1.26 0.00	20.42 0.91 0.00	18.41 0.72 0.24	20.14 1.10 0.00	20.31 1.07 0.00	19.76 1.02 0.00	25.53 1.39 0.00	27.92 1.74 0.00	26.48 1.61 0.00	28.84 1.75 0.00	31.45 1.92 0.00	33.45 2.03 0.00	34.20 2.42 0.00	30.12 2.17 0.00	32.00 1.96 0.00	21.34 1.21 0.00	19.66 1.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.32 -0.70 0.00	15.98 -0.70 0.00	15.13 -0.73 0.00	14.31 -0.80 0.00	15.20 -0.88 0.00	16.06 -1.03 0.00	20.64 -1.45 0.00	19.10 -1.10 0.00	18.74 -0.76 0.00	17.44 -0.49 0.00	18.54 -0.50 0.00	18.84 -0.40 0.00	18.31 -0.42 0.00	23.47 -0.67 0.00	25.20 -0.98 0.00	24.00 -0.87 0.00	25.77 -1.31 0.00	27.63 -1.91 0.00	29.09 -2.32 0.00	29.66 -2.12 0.00	26.29 -1.66 0.00	28.16 -1.88 0.00	19.48 -0.65 0.00	18.22 -0.31 0.00

BINGHAMTON___COGEN 23790	16.94 -0.09 0.00	16.61 -0.06 0.00	15.77 -0.09 0.00	15.00 -0.11 0.00	15.96 -0.13 0.00	16.91 -0.17 0.00	21.81 -0.29 0.00	20.12 -0.08 0.00	19.37 -0.14 0.00	17.87 -0.06 0.00	18.99 -0.05 0.00	19.24 -0.01 0.00	18.71 -0.02 0.00	24.14 0.00 0.00	26.09 -0.10 0.00	24.72 -0.15 0.00	26.83 -0.26 0.00	29.17 -0.37 0.00	30.96 -0.45 0.00	31.58 -0.20 0.00	27.79 -0.16 0.00	29.68 -0.37 0.00	20.02 -0.10 0.00	18.49 -0.04 0.00
BIXINCNT_115KV_LOAD 355685	16.53 -0.49 0.00	16.20 -0.48 0.00	15.34 -0.52 0.00	14.41 -0.70 0.00	15.29 -0.80 0.00	16.19 -0.89 0.00	20.88 -1.21 0.00	19.40 -0.79 0.00	19.17 -0.33 0.00	17.75 -0.18 0.00	18.86 -0.18 0.00	19.06 -0.18 0.00	18.54 -0.20 0.00	23.83 -0.31 0.00	25.53 -0.65 0.00	24.11 -0.75 0.00	26.00 -1.08 0.00	27.73 -1.80 0.00	29.11 -2.31 0.00	29.75 -2.04 0.00	26.03 -1.92 0.00	27.79 -2.25 0.00	19.48 -0.65 0.00	18.29 -0.25 0.00
BLACK RIVER___HYD 24047	16.88 -0.13 0.00	16.50 -0.18 0.00	15.70 -0.16 0.00	14.94 -0.17 0.00	15.92 -0.17 0.00	17.00 -0.08 0.00	22.05 -0.04 0.00	19.99 -0.21 0.00	18.98 -0.52 0.00	17.53 -0.40 0.00	18.33 -0.70 0.00	18.52 -0.72 0.00	18.05 -0.68 0.00	23.27 -0.87 0.00	25.79 -0.40 0.00	24.38 -0.48 0.00	26.75 -0.33 0.00	29.25 -0.29 0.00	31.12 -0.29 0.00	31.73 -0.05 0.00	27.60 -0.35 0.00	28.53 -1.52 0.00	18.97 -1.15 0.00	17.42 -1.12 0.00
BLACKRVR_115KV_TB2 79977	16.89 -0.13 0.00	16.50 -0.18 0.00	15.70 -0.17 0.00	14.94 -0.17 0.00	15.92 -0.17 0.00	17.00 -0.08 0.00	22.05 -0.04 0.00	19.99 -0.21 0.00	18.98 -0.52 0.00	17.53 -0.40 0.00	18.33 -0.70 0.00	18.52 -0.72 0.00	18.05 -0.68 0.00	23.27 -0.87 0.00	25.79 -0.40 0.00	24.38 -0.48 0.00	26.75 -0.33 0.00	29.25 -0.29 0.00	31.12 -0.29 0.00	31.73 -0.05 0.00	27.60 -0.35 0.00	28.53 -1.52 0.00	18.97 -1.15 0.00	17.42 -1.12 0.00
BLISS_WT_PWR 323608	16.49 -0.53 0.00	16.16 -0.52 0.00	15.33 -0.54 0.00	14.35 -0.76 0.00	15.23 -0.86 0.00	16.13 -0.95 0.00	20.80 -1.29 0.00	19.35 -0.84 0.00	19.18 -0.33 0.00	17.76 -0.17 0.00	18.86 -0.18 0.00	19.03 -0.21 0.00	18.53 -0.21 0.00	23.82 -0.32 0.00	25.51 -0.68 0.00	24.03 -0.83 0.00	25.95 -1.14 0.00	27.62 -1.91 0.00	28.95 -2.47 0.00	29.57 -2.21 0.00	25.80 -2.15 0.00	27.53 -2.51 0.00	19.38 -0.75 0.00	18.21 -0.32 0.00
BLUESTONE___WT_PWR 323821	17.61 0.59 0.00	17.23 0.55 0.00	16.42 0.56 0.00	15.60 0.49 0.00	16.51 0.42 0.00	17.18 0.10 0.00	21.94 -0.15 0.00	20.02 -0.18 0.00	19.18 -0.32 0.00	17.70 -0.22 0.00	18.86 -0.18 0.00	19.64 0.40 0.00	19.34 0.61 0.00	25.00 0.86 0.00	27.06 0.87 0.00	25.45 0.59 0.00	27.04 -0.05 0.00	29.43 -0.11 0.00	31.02 -0.39 0.00	31.21 -0.57 0.00	27.53 -0.42 0.00	29.14 -0.90 0.00	19.64 -0.49 0.00	18.24 -0.29 0.00
BLUE_CIRC_CHEM_DRP 24182	17.32 0.29 0.00	16.99 0.31 0.00	16.17 0.31 0.00	15.46 0.34 0.00	16.44 0.36 0.00	17.47 0.39 0.00	22.56 0.47 0.00	20.59 0.39 0.00	19.71 0.21 0.00	18.05 0.13 0.00	19.12 0.08 0.00	19.28 0.04 0.00	18.79 0.06 0.00	24.24 0.09 0.00	26.38 0.20 0.00	25.04 0.17 0.00	27.47 0.39 0.00	30.11 0.58 0.00	32.12 0.70 0.00	32.57 0.79 0.00	28.62 0.67 0.00	30.66 0.61 0.00	20.50 0.38 0.00	18.89 0.35 0.00
BOC_GAS_DRP 24189	17.23 0.21 0.00	16.90 0.22 0.00	16.09 0.23 0.00	15.37 0.26 0.00	16.35 0.26 0.00	17.35 0.27 0.00	22.41 0.32 0.00	20.52 0.32 0.00	19.70 0.19 0.00	18.07 0.14 0.00	19.18 0.14 0.00	19.35 0.11 0.00	18.85 0.11 0.00	24.32 0.18 0.00	26.42 0.24 0.00	25.06 0.20 0.00	27.42 0.33 0.00	30.01 0.48 0.00	31.99 0.58 0.00	32.48 0.70 0.00	28.56 0.61 0.00	30.56 0.52 0.00	20.44 0.31 0.00	18.83 0.29 0.00
BOONVILLE_115KV_TB1 79983	17.30 0.28 0.00	16.92 0.25 0.00	16.10 0.24 0.00	15.32 0.22 0.00	16.33 0.24 0.00	17.38 0.30 0.00	22.52 0.43 0.00	20.51 0.31 0.00	19.68 0.17 0.00	18.06 0.13 0.00	19.08 0.04 0.00	19.28 0.04 0.00	18.77 0.04 0.00	24.24 0.10 0.00	26.52 0.34 0.00	25.23 0.37 0.00	27.56 0.47 0.00	30.03 0.50 0.00	31.90 0.48 0.00	32.40 0.62 0.00	28.30 0.35 0.00	29.94 -0.10 0.00	20.00 -0.13 0.00	18.37 -0.16 0.00
BORALEX_4TH_BRANCH 23824	17.50 0.48 0.00	17.19 0.51 0.00	16.37 0.51 0.00	15.70 0.59 0.00	16.71 0.62 0.00	17.82 0.74 0.00	22.93 0.83 0.00	20.94 0.75 0.00	19.85 0.35 0.00	18.08 0.16 0.02	19.18 0.13 0.00	19.33 0.08 0.00	18.80 0.06 0.00	24.28 0.14 0.00	26.39 0.20 0.00	25.04 0.17 0.00	27.46 0.37 0.00	30.31 0.77 0.00	32.70 1.28 0.00	33.18 1.40 0.00	29.18 1.23 0.00	31.24 1.19 0.00	20.82 0.69 0.00	19.18 0.65 0.00
BOWLINE___1 23526	17.61 0.60 0.00	17.25 0.57 0.00	16.44 0.58 0.00	15.72 0.61 0.00	16.70 0.61 0.00	17.68 0.60 0.00	22.85 0.75 0.00	21.03 0.83 0.00	20.09 0.59 0.00	18.50 0.57 0.00	19.70 0.66 0.00	19.85 0.61 0.00	19.33 0.59 0.00	24.99 0.84 0.00	27.15 0.96 0.00	25.69 0.83 0.00	28.07 0.99 0.00	30.72 1.19 0.00	32.73 1.31 0.00	33.42 1.64 0.00	29.45 1.50 0.00	31.36 1.31 0.00	20.93 0.80 0.00	19.27 0.73 0.00
BOWLINE___2 23595	17.61 0.60 0.00	17.25 0.57 0.00	16.44 0.58 0.00	15.72 0.61 0.00	16.70 0.61 0.00	17.68 0.60 0.00	22.85 0.75 0.00	21.03 0.83 0.00	20.09 0.59 0.00	18.50 0.57 0.00	19.70 0.66 0.00	19.85 0.61 0.00	19.33 0.59 0.00	24.99 0.84 0.00	27.15 0.96 0.00	25.69 0.83 0.00	28.07 0.99 0.00	30.72 1.19 0.00	32.73 1.31 0.00	33.42 1.64 0.00	29.45 1.50 0.00	31.36 1.31 0.00	20.93 0.80 0.00	19.27 0.73 0.00
BRADY___115KV_TB2 356060	17.24 0.22 0.00	16.88 0.20 0.00	16.04 0.18 0.00	15.25 0.14 0.00	16.27 0.18 0.00	17.31 0.23 0.00	22.51 0.42 0.00	20.46 0.27 0.00	19.75 0.25 0.00	18.12 0.19 0.00	19.26 0.22 0.00	19.46 0.21 0.00	18.97 0.23 0.00	24.33 0.19 0.00	26.37 0.19 0.00	25.13 0.27 0.00	27.31 0.22 0.00	29.72 0.19 0.00	31.80 0.38 0.00	32.02 0.24 0.00	28.20 0.25 0.00	30.50 0.45 0.00	20.34 0.21 0.00	18.66 0.12 0.00
BRANSCOMB___SOLAR 323811	17.43 0.41 0.00	17.09 0.41 0.00	16.27 0.40 0.00	15.57 0.46 0.00	16.58 0.50 0.00	17.69 0.61 0.00	22.88 0.78 0.00	20.89 0.69 0.00	19.82 0.32 0.00	18.07 0.14 0.00	19.13 0.08 0.00	19.27 0.03 0.00	18.74 0.00 0.00	24.23 0.08 0.00	26.35 0.16 0.00	25.11 0.25 0.00	27.57 0.48 0.00	30.47 0.94 0.00	32.63 1.22 0.00	33.12 1.34 0.00	29.13 1.19 0.00	31.11 1.07 0.00	20.72 0.59 0.00	19.06 0.52 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.17 1.15 0.00	17.86 1.18 0.00	16.96 1.10 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.12 1.04 0.00	23.54 1.45 0.00	21.66 1.46 0.00	20.56 1.05 0.00	18.39 0.75 0.28	20.25 1.22 0.00	20.42 1.18 0.00	19.81 1.07 0.00	25.66 1.51 0.00	28.05 1.87 0.00	26.69 1.82 0.00	29.13 2.05 0.00	31.79 2.26 0.00	33.81 2.39 0.00	34.50 2.71 0.00	30.42 2.47 0.00	32.35 2.30 0.00	21.58 1.45 0.00	19.87 1.34 0.00



BRISTLHL_115KV_TB1 79998	16.55 -0.47 0.00	16.21 -0.46 0.00	15.40 -0.46 0.00	14.67 -0.45 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.45 -0.64 0.00	19.68 -0.51 0.00	18.98 -0.52 0.00	17.44 -0.49 0.00	18.51 -0.53 0.00	18.76 -0.49 0.00	18.24 -0.50 0.00	23.56 -0.58 0.00	25.53 -0.66 0.00	24.25 -0.62 0.00	26.36 -0.73 0.00	28.73 -0.80 0.00	30.53 -0.89 0.00	31.01 -0.78 0.00	27.30 -0.65 0.00	29.20 -0.85 0.00	19.62 -0.51 0.00	18.11 -0.43 0.00
BROOKHAVEN___DRP 24191	18.25 1.23 0.00	17.96 1.28 0.00	17.04 1.18 0.00	16.31 1.20 0.00	17.27 1.19 0.00	18.22 1.14 0.00	23.72 1.62 0.00	21.83 1.63 0.00	20.64 1.13 0.00	18.29 0.64 0.29	20.24 1.20 0.00	20.34 1.10 0.00	19.66 0.92 0.00	25.50 1.36 0.00	27.82 1.64 0.00	26.55 1.68 0.00	29.18 2.09 0.00	31.85 2.32 0.00	33.87 2.45 0.00	34.72 2.93 0.00	30.54 2.59 0.00	32.44 2.39 0.00	21.67 1.54 0.00	19.94 1.41 0.00
BROOKLYN_NAVY_YARD 23515	17.77 0.75 0.00	17.41 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.30 1.10 0.00	20.37 0.87 0.00	19.15 0.83 -0.39	19.98 0.94 0.00	20.15 0.90 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.04 1.18 0.00	28.44 1.36 0.00	31.10 1.57 0.00	33.11 1.69 0.00	33.82 2.04 0.00	29.81 1.86 0.00	31.73 1.68 0.00	21.11 0.98 0.00	19.46 0.92 0.00
BROOKLYN___ARMY_DRP 323595	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
BROOKVLE_69_KV_TB1 55790	18.01 0.99 0.00	17.67 0.99 0.00	16.81 0.94 0.00	16.06 0.95 0.00	17.02 0.93 0.00	18.01 0.93 0.00	23.31 1.22 0.00	21.48 1.28 0.00	20.47 0.97 0.00	18.62 0.82 0.12	20.21 1.17 0.00	20.39 1.15 0.00	19.83 1.10 0.00	25.64 1.50 0.00	28.03 1.84 0.00	26.56 1.69 0.00	28.93 1.84 0.00	31.56 2.02 0.00	33.56 2.14 0.00	34.30 2.52 0.00	30.22 2.27 0.00	32.11 2.06 0.00	21.41 1.28 0.00	19.71 1.17 0.00
BROOME_2_LFGE 323671	16.94 -0.08 0.00	16.61 -0.06 0.00	15.77 -0.09 0.00	15.01 -0.10 0.00	15.96 -0.13 0.00	16.91 -0.17 0.00	21.81 -0.29 0.00	20.12 -0.08 0.00	19.37 -0.14 0.00	17.87 -0.06 0.00	18.99 -0.05 0.00	19.24 -0.01 0.00	18.71 -0.02 0.00	24.14 0.00 0.00	26.09 -0.10 0.00	24.72 -0.15 0.00	26.83 -0.26 0.00	29.16 -0.37 0.00	30.96 -0.45 0.00	31.58 -0.20 0.00	27.79 -0.16 0.00	29.68 -0.37 0.00	20.02 -0.11 0.00	18.49 -0.04 0.00
BROOME___LFGE 323600	16.94 -0.08 0.00	16.61 -0.06 0.00	15.77 -0.09 0.00	15.01 -0.10 0.00	15.96 -0.13 0.00	16.91 -0.17 0.00	21.81 -0.29 0.00	20.12 -0.08 0.00	19.37 -0.14 0.00	17.87 -0.06 0.00	18.99 -0.05 0.00	19.24 -0.01 0.00	18.71 -0.02 0.00	24.14 0.00 0.00	26.09 -0.10 0.00	24.72 -0.15 0.00	26.83 -0.26 0.00	29.16 -0.37 0.00	30.96 -0.45 0.00	31.58 -0.20 0.00	27.79 -0.16 0.00	29.68 -0.37 0.00	20.02 -0.11 0.00	18.49 -0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.81 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00
BROWNSV1_27_KV_LOAD 356125	17.93 0.91 0.00	17.56 0.88 0.00	16.77 0.91 0.00	16.03 0.92 0.00	17.01 0.93 0.00	18.00 0.92 0.00	23.31 1.22 0.00	21.51 1.31 0.00	20.57 1.07 0.00	19.32 1.00 -0.39	20.19 1.15 0.00	20.34 1.10 0.00	19.79 1.05 0.00	25.59 1.45 0.00	27.83 1.65 0.00	26.34 1.48 0.00	28.74 1.65 0.00	31.42 1.89 0.00	33.44 2.03 0.00	34.15 2.37 0.00	30.11 2.16 0.00	32.05 2.00 0.00	21.33 1.21 0.00	19.65 1.12 0.00
BURROWS___LYONSDAL 23803	17.25 0.23 0.00	16.87 0.19 0.00	16.05 0.19 0.00	15.28 0.17 0.00	16.28 0.19 0.00	17.34 0.25 0.00	22.46 0.37 0.00	20.42 0.22 0.00	19.57 0.06 0.00	17.98 0.05 0.00	18.97 -0.07 0.00	19.17 -0.07 0.00	18.67 -0.06 0.00	24.12 -0.03 0.00	26.40 0.22 0.00	25.11 0.25 0.00	27.45 0.37 0.00	29.91 0.37 0.00	31.75 0.33 0.00	32.25 0.47 0.00	28.10 0.15 0.00	29.59 -0.46 0.00	19.74 -0.39 0.00	18.14 -0.40 0.00
CAITHNESS_CC_1 323624	18.21 1.19 0.00	17.92 1.24 0.00	17.00 1.14 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.65 1.56 0.00	21.76 1.57 0.00	20.60 1.09 0.00	18.29 0.65 0.29	20.23 1.19 0.00	20.35 1.10 0.00	19.67 0.94 0.00	25.52 1.37 0.00	27.85 1.67 0.00	26.55 1.69 0.00	29.13 2.05 0.00	31.81 2.28 0.00	33.82 2.40 0.00	34.65 2.87 0.00	30.49 2.54 0.00	32.38 2.33 0.00	21.63 1.51 0.00	19.90 1.37 0.00
CALPINE BETH_PAGE_GT4 24209	17.99 0.97 0.00	17.67 0.99 0.00	16.80 0.94 0.00	16.06 0.94 0.00	17.01 0.92 0.00	17.97 0.89 0.00	23.29 1.19 0.00	21.44 1.25 0.00	20.42 0.91 0.00	18.43 0.72 0.21	20.13 1.09 0.00	20.31 1.07 0.00	19.76 1.02 0.00	25.53 1.39 0.00	27.92 1.74 0.00	26.44 1.58 0.00	28.79 1.71 0.00	31.38 1.85 0.00	33.37 1.96 0.00	34.13 2.35 0.00	30.05 2.10 0.00	31.93 1.88 0.00	21.29 1.16 0.00	19.61 1.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.99 0.97 0.00	17.67 0.99 0.00	16.80 0.93 0.00	16.06 0.95 0.00	17.00 0.91 0.00	17.97 0.89 0.00	23.29 1.19 0.00	21.44 1.25 0.00	20.42 0.91 0.00	18.43 0.72 0.21	20.13 1.09 0.00	20.31 1.07 0.00	19.76 1.02 0.00	25.53 1.39 0.00	27.92 1.74 0.00	26.44 1.58 0.00	28.79 1.71 0.00	31.38 1.85 0.00	33.37 1.96 0.00	34.13 2.35 0.00	30.05 2.10 0.00	31.93 1.89 0.00	21.29 1.16 0.00	19.61 1.07 0.00
CALPINE_BP_GT1 23823	17.99 0.97 0.00	17.67 0.99 0.00	16.80 0.93 0.00	16.06 0.95 0.00	17.00 0.91 0.00	17.97 0.89 0.00	23.29 1.19 0.00	21.44 1.25 0.00	20.42 0.91 0.00	18.43 0.72 0.21	20.13 1.09 0.00	20.31 1.07 0.00	19.76 1.02 0.00	25.53 1.39 0.00	27.92 1.74 0.00	26.44 1.58 0.00	28.79 1.71 0.00	31.38 1.85 0.00	33.37 1.96 0.00	34.13 2.35 0.00	30.05 2.10 0.00	31.93 1.89 0.00	21.29 1.16 0.00	19.61 1.07 0.00
CALSPAN___DRP 24200	16.25 -0.77 0.00	15.92 -0.76 0.00	15.08 -0.79 0.00	14.25 -0.86 0.00	15.15 -0.94 0.00	15.99 -1.09 0.00	20.55 -1.55 0.00	19.01 -1.19 0.00	18.65 -0.85 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.76 -0.48 0.00	18.23 -0.51 0.00	23.37 -0.77 0.00	25.09 -1.10 0.00	23.90 -0.96 0.00	25.66 -1.43 0.00	27.51 -2.02 0.00	28.97 -2.45 0.00	29.54 -2.24 0.00	26.19 -1.76 0.00	28.06 -1.99 0.00	19.41 -0.72 0.00	18.17 -0.37 0.00

CALVERTON___SOLAR 323806	18.30 1.27 0.00	18.01 1.33 0.00	17.07 1.21 0.00	16.36 1.25 0.00	17.32 1.23 0.00	18.27 1.19 0.00	23.79 1.70 0.00	21.89 1.69 0.00	20.69 1.19 0.00	18.29 0.65 0.29	20.26 1.22 0.00	20.36 1.11 0.00	19.66 0.92 0.00	25.51 1.37 0.00	27.83 1.64 0.00	26.56 1.70 0.00	29.24 2.15 0.00	31.93 2.39 0.00	33.95 2.54 0.00	34.81 3.03 0.00	30.62 2.67 0.00	32.51 2.47 0.00	21.73 1.61 0.00	19.98 1.45 0.00
CANDIGU_WT_PWR 323617	16.47 -0.55 0.00	16.15 -0.53 0.00	15.25 -0.61 0.00	14.36 -0.75 0.00	15.24 -0.84 0.00	16.07 -1.01 0.00	20.65 -1.45 0.00	19.24 -0.96 0.00	18.81 -0.70 0.00	17.65 -0.27 0.00	18.73 -0.31 0.00	18.97 -0.27 0.00	18.45 -0.28 0.00	23.73 -0.41 0.00	25.36 -0.82 0.00	23.99 -0.87 0.00	25.76 -1.33 0.00	27.70 -1.83 0.00	29.45 -1.97 0.00	29.99 -1.79 0.00	26.29 -1.66 0.00	27.98 -2.07 0.00	19.15 -0.98 0.00	17.95 -0.59 0.00
CARR STREET_E_SYR 24060	16.70 -0.32 0.00	16.36 -0.32 0.00	15.54 -0.32 0.00	14.80 -0.31 0.00	15.75 -0.33 0.00	16.73 -0.35 0.00	21.63 -0.46 0.00	19.86 -0.34 0.00	19.17 -0.34 0.00	17.64 -0.29 0.00	18.73 -0.31 0.00	18.96 -0.28 0.00	18.44 -0.29 0.00	23.80 -0.34 0.00	25.79 -0.39 0.00	24.48 -0.38 0.00	26.61 -0.48 0.00	28.97 -0.56 0.00	30.77 -0.65 0.00	31.26 -0.53 0.00	27.53 -0.42 0.00	29.44 -0.61 0.00	19.81 -0.32 0.00	18.28 -0.25 0.00
CARTHAGE___PAPER 23857	17.09 0.07 0.00	16.70 0.03 0.00	15.89 0.03 0.00	15.13 0.01 0.00	16.12 0.03 0.00	17.21 0.13 0.00	22.33 0.24 0.00	20.21 0.01 0.00	19.24 -0.27 0.00	17.70 -0.23 0.00	18.56 -0.48 0.00	18.75 -0.50 0.00	18.27 -0.46 0.00	23.56 -0.58 0.00	26.03 -0.15 0.00	24.64 -0.23 0.00	27.07 -0.01 0.00	29.54 0.01 0.00	31.42 0.00 0.00	31.99 0.21 0.00	27.78 -0.17 0.00	28.83 -1.21 0.00	19.18 -0.94 0.00	17.60 -0.94 0.00
CASSADAGA_WT_PWR 323784	16.29 -0.73 0.00	15.96 -0.72 0.00	15.11 -0.76 0.00	14.27 -0.85 0.00	15.08 -1.00 0.00	15.93 -1.15 0.00	21.06 -1.03 0.00	19.59 -0.61 0.00	18.94 -0.56 0.00	17.82 -0.11 0.00	18.58 -0.46 0.00	18.92 -0.32 0.00	18.40 -0.34 0.00	23.54 -0.60 0.00	25.35 -0.84 0.00	24.33 -0.53 0.00	26.18 -0.91 0.00	28.21 -1.33 0.00	29.87 -1.55 0.00	30.17 -1.61 0.00	26.24 -1.71 0.00	28.08 -1.97 0.00	19.72 -0.40 0.00	18.27 -0.27 0.00
CE_DUNWOOD___DRP 24194	17.70 0.69 0.00	17.35 0.67 0.00	16.53 0.67 0.00	15.81 0.70 0.00	16.79 0.70 0.00	17.78 0.70 0.00	22.99 0.90 0.00	21.17 0.97 0.00	20.23 0.73 0.00	18.61 0.67 -0.01	19.85 0.81 0.00	20.01 0.76 0.00	19.48 0.74 0.00	25.17 1.02 0.00	27.36 1.18 0.00	25.90 1.04 0.00	28.29 1.21 0.00	30.96 1.43 0.00	32.98 1.56 0.00	33.66 1.88 0.00	29.66 1.71 0.00	31.58 1.53 0.00	21.05 0.93 0.00	19.40 0.86 0.00
CE_MILLWOOD___DRP 24193	17.68 0.66 0.00	17.33 0.65 0.00	16.51 0.65 0.00	15.79 0.68 0.00	16.76 0.68 0.00	17.75 0.68 0.00	22.96 0.87 0.00	21.13 0.94 0.00	20.20 0.69 0.00	18.58 0.64 -0.01	19.81 0.77 0.00	19.97 0.73 0.00	19.44 0.71 0.00	25.12 0.97 0.00	27.31 1.12 0.00	25.85 0.99 0.00	28.24 1.16 0.00	30.91 1.37 0.00	32.94 1.52 0.00	33.62 1.83 0.00	29.62 1.66 0.00	31.53 1.48 0.00	21.03 0.90 0.00	19.37 0.83 0.00
CE_NYC2_DRP 24202	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.93 0.85 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.94 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.97 0.00	19.66 0.93 0.00	25.43 1.28 0.00	27.66 1.47 0.00	26.16 1.30 0.00	28.55 1.47 0.00	31.21 1.68 0.00	33.22 1.80 0.00	33.94 2.15 0.00	29.91 1.96 0.00	31.84 1.79 0.00	21.19 1.07 0.00	19.53 1.00 0.00
CE_NYC_DRP 24195	17.81 0.79 0.00	17.44 0.77 0.00	16.66 0.80 0.00	15.93 0.82 0.00	16.91 0.82 0.00	17.89 0.81 0.00	23.16 1.07 0.00	21.35 1.16 0.00	20.42 0.92 0.00	19.18 0.87 -0.38	20.06 1.02 0.00	20.21 0.97 0.00	19.65 0.92 0.00	25.41 1.27 0.00	27.63 1.45 0.00	26.14 1.28 0.00	28.52 1.44 0.00	31.19 1.66 0.00	33.19 1.78 0.00	33.90 2.12 0.00	29.88 1.93 0.00	31.80 1.76 0.00	21.17 1.05 0.00	19.51 0.97 0.00
CHAFFEE___LFGE 323603	16.38 -0.64 0.00	16.04 -0.64 0.00	15.22 -0.65 0.00	14.37 -0.74 0.00	15.30 -0.79 0.00	16.15 -0.93 0.00	20.75 -1.34 0.00	19.20 -1.00 0.00	18.83 -0.68 0.00	17.51 -0.42 0.00	18.61 -0.43 0.00	18.91 -0.33 0.00	18.38 -0.36 0.00	23.57 -0.58 0.00	25.31 -0.88 0.00	24.10 -0.76 0.00	25.89 -1.19 0.00	27.77 -1.76 0.00	29.24 -2.17 0.00	29.84 -1.95 0.00	26.48 -1.48 0.00	28.34 -1.71 0.00	19.58 -0.55 0.00	18.30 -0.23 0.00
CHATEAUG_35_KV_LOAD 355732	17.39 0.37 0.00	17.02 0.34 0.00	16.20 0.33 0.00	15.40 0.29 0.00	16.40 0.32 0.00	17.52 0.44 0.00	22.83 0.73 0.00	20.74 0.54 0.00	19.99 0.48 0.00	18.37 0.44 0.00	19.55 0.51 0.00	19.78 0.54 0.00	19.28 0.55 0.00	24.66 0.52 0.00	26.66 0.48 0.00	25.38 0.52 0.00	27.44 0.35 0.00	29.74 0.20 0.00	31.88 0.47 0.00	31.78 0.00 0.00	27.54 -0.41 0.00	29.76 -0.29 0.00	19.73 -0.40 0.00	18.01 -0.52 0.00
CHATEAUG_WT_PWR 323614	17.40 0.38 0.00	17.02 0.34 0.00	16.21 0.34 0.00	15.42 0.31 0.00	16.41 0.32 0.00	17.55 0.47 0.00	22.87 0.77 0.00	20.78 0.58 0.00	20.00 0.50 0.00	18.38 0.45 0.00	19.59 0.55 0.00	19.82 0.58 0.00	19.33 0.59 0.00	24.71 0.56 0.00	26.73 0.54 0.00	25.45 0.58 0.00	27.49 0.41 0.00	29.79 0.26 0.00	31.90 0.49 0.00	31.80 0.02 0.00	27.47 -0.48 0.00	29.64 -0.40 0.00	19.62 -0.51 0.00	17.92 -0.62 0.00
CHAT_HIGH_FALL_HYD 323578	17.39 0.37 0.00	17.02 0.34 0.00	16.20 0.33 0.00	15.40 0.29 0.00	16.40 0.32 0.00	17.52 0.44 0.00	22.83 0.73 0.00	20.74 0.54 0.00	19.99 0.48 0.00	18.37 0.44 0.00	19.55 0.51 0.00	19.78 0.54 0.00	19.28 0.55 0.00	24.66 0.52 0.00	26.66 0.48 0.00	25.38 0.52 0.00	27.44 0.35 0.00	29.74 0.20 0.00	31.88 0.47 0.00	31.78 0.00 0.00	27.54 -0.41 0.00	29.76 -0.29 0.00	19.73 -0.40 0.00	18.01 -0.52 0.00
CHAUTAUQUA___LFGE 323629	16.30 -0.71 0.00	15.99 -0.69 0.00	15.13 -0.73 0.00	14.32 -0.79 0.00	15.19 -0.89 0.00	16.03 -1.05 0.00	20.88 -1.21 0.00	19.37 -0.83 0.00	18.81 -0.69 0.00	17.62 -0.31 0.00	18.57 -0.47 0.00	18.88 -0.37 0.00	18.31 -0.42 0.00	23.50 -0.65 0.00	25.30 -0.89 0.00	24.13 -0.73 0.00	25.96 -1.13 0.00	27.94 -1.59 0.00	29.52 -1.89 0.00	30.05 -1.73 0.00	26.35 -1.60 0.00	28.22 -1.83 0.00	19.64 -0.49 0.00	18.25 -0.29 0.00
CHERRYST_13_KV_LD 356241	17.85 0.83 0.00	17.48 0.81 0.00	16.71 0.84 0.00	15.97 0.86 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.22 1.13 0.00	21.42 1.22 0.00	20.49 0.98 0.00	19.24 0.93 -0.38	20.13 1.09 0.00	20.28 1.04 0.00	19.72 0.99 0.00	25.50 1.36 0.00	27.73 1.55 0.00	26.23 1.37 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.30 1.88 0.00	34.00 2.22 0.00	29.97 2.02 0.00	31.89 1.84 0.00	21.23 1.10 0.00	19.56 1.03 0.00

CHESTROR_138KV_BK263 355645	17.53 0.51 0.00	17.16 0.49 0.00	16.36 0.49 0.00	15.63 0.52 0.00	16.61 0.52 0.00	17.60 0.52 0.00	22.74 0.65 0.00	20.92 0.72 0.00	20.00 0.49 0.00	18.39 0.46 0.00	19.57 0.53 0.00	19.73 0.49 0.00	19.23 0.49 0.00	24.84 0.70 0.00	26.98 0.79 0.00	25.56 0.69 0.00	27.93 0.84 0.00	30.55 1.02 0.00	32.56 1.14 0.00	33.21 1.43 0.00	29.25 1.30 0.00	31.17 1.13 0.00	20.82 0.69 0.00	19.17 0.63 0.00
CH_MIDHUDSON___DRP 24192	17.87 0.85 0.00	17.50 0.83 0.00	16.67 0.81 0.00	15.94 0.82 0.00	16.94 0.85 0.00	17.97 0.89 0.00	23.27 1.18 0.00	21.41 1.21 0.00	20.45 0.94 0.00	18.75 0.82 0.00	19.96 0.92 0.00	20.15 0.90 0.00	19.60 0.87 0.00	25.39 1.24 0.00	27.59 1.40 0.00	26.13 1.27 0.00	28.60 1.52 0.00	31.35 1.81 0.00	33.44 2.02 0.00	34.11 2.33 0.00	30.04 2.09 0.00	31.98 1.93 0.00	21.32 1.19 0.00	19.62 1.08 0.00
CH_MISC_IPPS 23765	17.86 0.84 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.83 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.90 0.00	21.29 1.17 0.00	19.59 1.06 0.00
CH_RES_BVR_FALLS 23983	17.03 0.01 0.00	16.68 0.01 0.00	15.86 0.00 0.00	15.09 -0.02 0.00	16.08 0.00 0.00	17.07 -0.01 0.00	22.11 0.02 0.00	20.15 -0.05 0.00	19.56 0.05 0.00	17.98 0.05 0.00	19.07 0.03 0.00	19.29 0.05 0.00	18.80 0.07 0.00	24.19 0.04 0.00	26.22 0.03 0.00	24.92 0.06 0.00	27.09 0.00 0.00	29.44 -0.09 0.00	31.30 -0.12 0.00	31.37 -0.41 0.00	27.44 -0.51 0.00	29.58 -0.46 0.00	19.77 -0.36 0.00	18.14 -0.39 0.00
CH_RES_NIAGARA 23895	15.66 -1.36 0.00	15.34 -1.33 0.00	14.54 -1.32 0.00	13.75 -1.36 0.00	14.62 -1.46 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
CH_RES_SYRACUSE 23985	16.82 -0.21 0.00	16.46 -0.22 0.00	15.65 -0.21 0.00	14.89 -0.22 0.00	15.84 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.18 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.97 -0.44 0.00	31.45 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
CLINTON_WT_PWR 323605	17.40 0.38 0.00	17.02 0.34 0.00	16.21 0.34 0.00	15.42 0.31 0.00	16.41 0.32 0.00	17.55 0.47 0.00	22.87 0.77 0.00	20.78 0.58 0.00	20.00 0.50 0.00	18.38 0.45 0.00	19.59 0.55 0.00	19.82 0.58 0.00	19.33 0.59 0.00	24.71 0.56 0.00	26.73 0.54 0.00	25.45 0.58 0.00	27.49 0.41 0.00	29.79 0.26 0.00	31.90 0.49 0.00	31.80 0.02 0.00	27.47 -0.48 0.00	29.64 -0.40 0.00	19.62 -0.51 0.00	17.92 -0.62 0.00
CLINTON___LFGE 323618	17.69 0.67 0.00	17.30 0.62 0.00	16.47 0.61 0.00	15.70 0.59 0.00	16.70 0.61 0.00	17.92 0.84 0.00	23.42 1.33 0.00	21.27 1.07 0.00	20.41 0.90 0.00	18.69 0.76 0.00	19.91 0.87 0.00	20.14 0.90 0.00	19.64 0.91 0.00	25.14 0.99 0.00	27.16 0.98 0.00	25.93 1.06 0.00	27.99 0.90 0.00	30.34 0.81 0.00	32.56 1.15 0.00	32.46 0.67 0.00	28.00 0.04 0.00	30.09 0.04 0.00	19.85 -0.28 0.00	18.12 -0.42 0.00
COBBLENY_34_KV_TB1 80064	16.38 -0.64 0.00	16.04 -0.64 0.00	15.20 -0.67 0.00	14.37 -0.74 0.00	15.28 -0.80 0.00	16.13 -0.95 0.00	20.75 -1.34 0.00	19.20 -0.99 0.00	18.83 -0.68 0.00	17.51 -0.42 0.00	18.61 -0.43 0.00	18.91 -0.33 0.00	18.38 -0.35 0.00	23.57 -0.58 0.00	25.31 -0.88 0.00	24.10 -0.76 0.00	25.89 -1.19 0.00	27.77 -1.76 0.00	29.25 -2.17 0.00	29.84 -1.94 0.00	26.48 -1.47 0.00	28.35 -1.70 0.00	19.58 -0.54 0.00	18.30 -0.23 0.00
COFFEEN___115KV_TB3 355620	16.91 -0.11 0.00	16.52 -0.16 0.00	15.72 -0.15 0.00	14.96 -0.15 0.00	15.93 -0.15 0.00	17.03 -0.05 0.00	22.11 0.01 0.00	20.05 -0.15 0.00	18.98 -0.53 0.00	17.53 -0.40 0.00	18.31 -0.73 0.00	18.49 -0.75 0.00	18.01 -0.72 0.00	23.21 -0.93 0.00	25.78 -0.40 0.00	24.37 -0.49 0.00	26.78 -0.31 0.00	29.34 -0.19 0.00	31.25 -0.17 0.00	31.86 0.08 0.00	27.75 -0.20 0.00	28.71 -1.34 0.00	19.09 -1.04 0.00	17.51 -1.03 0.00
COLDSPRG_115KV_BK1 355956	16.83 -0.19 0.00	16.51 -0.17 0.00	15.63 -0.23 0.00	14.79 -0.32 0.00	15.68 -0.41 0.00	16.59 -0.49 0.00	21.60 -0.50 0.00	20.03 -0.17 0.00	19.44 -0.06 0.00	18.16 0.23 0.00	19.15 0.11 0.00	19.46 0.21 0.00	18.87 0.13 0.00	24.21 0.07 0.00	26.03 -0.16 0.00	24.82 -0.04 0.00	26.68 -0.41 0.00	28.73 -0.81 0.00	30.39 -1.03 0.00	30.96 -0.82 0.00	27.20 -0.75 0.00	29.06 -0.99 0.00	20.16 0.03 0.00	18.74 0.20 0.00
COLONIE_LFGE___ 323577	17.36 0.34 0.00	17.04 0.36 0.00	16.21 0.35 0.00	15.52 0.41 0.00	16.51 0.43 0.00	17.58 0.50 0.00	22.69 0.60 0.00	20.74 0.54 0.00	19.77 0.27 0.00	18.08 0.15 0.00	19.16 0.12 0.00	19.32 0.08 0.00	18.81 0.07 0.00	24.29 0.15 0.00	26.40 0.22 0.00	25.08 0.21 0.00	27.49 0.40 0.00	30.23 0.70 0.00	32.39 0.98 0.00	32.85 1.06 0.00	28.89 0.93 0.00	30.90 0.86 0.00	20.61 0.48 0.00	18.98 0.44 0.00
COOPERNY_115KV_TB1 80082	17.35 0.34 0.00	17.01 0.33 0.00	16.19 0.33 0.00	15.46 0.35 0.00	16.44 0.35 0.00	17.42 0.34 0.00	22.51 0.42 0.00	20.69 0.49 0.00	19.83 0.33 0.00	18.25 0.32 0.00	19.41 0.37 0.00	19.59 0.35 0.00	19.07 0.33 0.00	24.63 0.49 0.00	26.72 0.53 0.00	25.32 0.46 0.00	27.63 0.54 0.00	30.18 0.65 0.00	32.14 0.72 0.00	32.74 0.96 0.00	28.83 0.88 0.00	30.78 0.73 0.00	20.59 0.47 0.00	18.96 0.43 0.00
COPENHAGEN_WT_PWR 323753	16.84 -0.17 0.00	16.46 -0.22 0.00	15.66 -0.20 0.00	14.91 -0.20 0.00	15.88 -0.21 0.00	16.95 -0.13 0.00	21.96 -0.14 0.00	19.90 -0.30 0.00	18.93 -0.58 0.00	17.25 -0.68 0.00	18.01 -1.03 0.00	18.24 -1.01 0.00	17.92 -0.81 0.00	23.18 -0.96 0.00	25.31 -0.87 0.00	24.34 -0.52 0.00	26.66 -0.43 0.00	29.13 -0.40 0.00	30.99 -0.43 0.00	31.61 -0.17 0.00	27.47 -0.48 0.00	28.26 -1.79 0.00	18.79 -1.34 0.00	17.26 -1.28 0.00
CORNELL_____ 23752	17.14 0.12 0.00	16.78 0.11 0.00	15.95 0.09 0.00	15.17 0.06 0.00	16.14 0.05 0.00	17.14 0.06 0.00	22.16 0.07 0.00	20.37 0.18 0.00	19.62 0.11 0.00	18.05 0.12 0.00	19.11 0.07 0.00	19.43 0.19 0.00	18.91 0.18 0.00	24.44 0.29 0.00	26.48 0.30 0.00	25.07 0.21 0.00	27.24 0.15 0.00	29.64 0.11 0.00	31.49 0.07 0.00	32.08 0.30 0.00	28.23 0.28 0.00	30.12 0.08 0.00	20.28 0.15 0.00	18.70 0.16 0.00

CORONA V_69_KV_TB1 355595	17.96 0.94 0.00	17.62 0.94 0.00	16.76 0.89 0.00	16.01 0.90 0.00	16.97 0.89 0.00	17.95 0.87 0.00	23.22 1.13 0.00	21.36 1.16 0.00	20.38 0.87 0.00	18.63 0.73 0.03	20.13 1.09 0.00	20.29 1.05 0.00	19.76 1.02 0.00	25.53 1.39 0.00	27.91 1.73 0.00	26.44 1.58 0.00	28.79 1.71 0.00	31.43 1.90 0.00	33.41 2.00 0.00	34.10 2.32 0.00	30.10 2.15 0.00	31.99 1.95 0.00	21.36 1.24 0.00	19.65 1.12 0.00
CORTLAND_115KV_TB3 80093	17.27 0.25 0.00	16.90 0.22 0.00	16.06 0.20 0.00	15.28 0.17 0.00	16.27 0.19 0.00	17.31 0.23 0.00	22.43 0.34 0.00	20.56 0.36 0.00	19.80 0.29 0.00	18.17 0.24 0.00	19.17 0.13 0.00	19.51 0.27 0.00	18.94 0.20 0.00	24.49 0.35 0.00	26.67 0.49 0.00	25.35 0.49 0.00	27.51 0.42 0.00	30.03 0.50 0.00	31.90 0.49 0.00	32.42 0.64 0.00	28.55 0.60 0.00	30.45 0.40 0.00	20.39 0.26 0.00	18.78 0.25 0.00
COXSACKIE__GT 23611	17.85 0.83 0.00	17.50 0.82 0.00	16.64 0.78 0.00	15.92 0.81 0.00	16.96 0.87 0.00	18.09 1.01 0.00	23.44 1.34 0.00	21.36 1.16 0.00	20.31 0.81 0.00	18.34 0.41 0.00	19.27 0.23 0.00	19.38 0.14 0.00	18.94 0.20 0.00	24.43 0.28 0.00	26.70 0.51 0.00	25.35 0.49 0.00	28.25 1.16 0.00	31.25 1.71 0.00	33.45 2.04 0.00	33.91 2.13 0.00	29.76 1.81 0.00	31.80 1.75 0.00	21.20 1.08 0.00	19.47 0.93 0.00
CPV_VALLEY__CC1 323721	17.41 0.39 0.00	17.05 0.37 0.00	16.24 0.38 0.00	15.52 0.41 0.00	16.49 0.40 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.76 0.56 0.00	19.86 0.36 0.00	18.28 0.35 0.00	19.45 0.41 0.00	19.62 0.38 0.00	19.11 0.37 0.00	24.68 0.54 0.00	26.79 0.61 0.00	25.37 0.51 0.00	27.72 0.63 0.00	30.31 0.78 0.00	32.30 0.88 0.00	32.93 1.15 0.00	29.00 1.05 0.00	30.92 0.87 0.00	20.66 0.54 0.00	19.03 0.49 0.00
CPV_VALLEY__CC2 323722	17.41 0.39 0.00	17.05 0.37 0.00	16.24 0.38 0.00	15.52 0.41 0.00	16.49 0.40 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.76 0.56 0.00	19.86 0.36 0.00	18.28 0.35 0.00	19.45 0.41 0.00	19.62 0.38 0.00	19.11 0.37 0.00	24.68 0.54 0.00	26.79 0.61 0.00	25.37 0.51 0.00	27.72 0.63 0.00	30.31 0.78 0.00	32.30 0.88 0.00	32.93 1.15 0.00	29.00 1.05 0.00	30.92 0.87 0.00	20.66 0.54 0.00	19.03 0.49 0.00
CRESCENT__HYD 24018	17.36 0.34 0.00	17.04 0.36 0.00	16.21 0.35 0.00	15.52 0.41 0.00	16.51 0.43 0.00	17.58 0.50 0.00	22.69 0.60 0.00	20.74 0.54 0.00	19.77 0.27 0.00	18.08 0.15 0.00	19.16 0.12 0.00	19.32 0.08 0.00	18.81 0.07 0.00	24.29 0.15 0.00	26.40 0.22 0.00	25.08 0.21 0.00	27.49 0.40 0.00	30.23 0.70 0.00	32.39 0.98 0.00	32.85 1.06 0.00	28.89 0.93 0.00	30.90 0.86 0.00	20.61 0.48 0.00	18.98 0.44 0.00
CRICKET__VALLEY_CC1 323756	17.40 0.38 0.00	17.09 0.41 0.00	16.28 0.41 0.00	15.60 0.49 0.00	16.55 0.46 0.00	17.56 0.48 0.00	22.70 0.61 0.00	20.85 0.65 0.00	19.88 0.38 0.00	18.24 0.31 0.00	19.45 0.41 0.00	19.61 0.37 0.00	19.09 0.35 0.00	24.61 0.47 0.00	26.75 0.57 0.00	25.33 0.47 0.00	27.72 0.63 0.00	30.46 0.93 0.00	32.61 1.19 0.00	33.24 1.46 0.00	29.26 1.31 0.00	31.13 1.08 0.00	20.75 0.62 0.00	19.14 0.61 0.00
CRICKET__VALLEY_CC2 323757	17.40 0.38 0.00	17.09 0.41 0.00	16.28 0.41 0.00	15.60 0.49 0.00	16.55 0.46 0.00	17.56 0.48 0.00	22.70 0.61 0.00	20.85 0.65 0.00	19.88 0.38 0.00	18.24 0.31 0.00	19.45 0.41 0.00	19.61 0.37 0.00	19.09 0.35 0.00	24.61 0.47 0.00	26.75 0.57 0.00	25.33 0.47 0.00	27.72 0.63 0.00	30.46 0.93 0.00	32.61 1.19 0.00	33.24 1.46 0.00	29.26 1.31 0.00	31.13 1.08 0.00	20.75 0.62 0.00	19.14 0.61 0.00
CRICKET__VALLEY_CC3 323758	17.40 0.38 0.00	17.09 0.41 0.00	16.28 0.41 0.00	15.60 0.49 0.00	16.55 0.46 0.00	17.56 0.48 0.00	22.70 0.61 0.00	20.85 0.65 0.00	19.88 0.38 0.00	18.13 0.31 0.11	19.45 0.41 0.00	19.61 0.37 0.00	19.09 0.35 0.00	24.61 0.47 0.00	26.75 0.57 0.00	25.33 0.47 0.00	27.72 0.63 0.00	30.46 0.93 0.00	32.61 1.19 0.00	33.24 1.46 0.00	29.26 1.31 0.00	31.13 1.08 0.00	20.75 0.62 0.00	19.14 0.61 0.00
CRUCIBLE_METL_DRP 24180	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
DAHOWA__HYDRO 323763	17.41 0.39 0.00	17.07 0.39 0.00	16.25 0.39 0.00	15.56 0.45 0.00	16.58 0.49 0.00	17.70 0.62 0.00	22.90 0.81 0.00	20.92 0.73 0.00	19.82 0.32 0.00	18.06 0.13 0.00	19.10 0.06 0.00	19.25 0.01 0.00	18.70 -0.03 0.00	24.19 0.05 0.00	26.32 0.14 0.00	25.08 0.21 0.00	27.55 0.46 0.00	30.49 0.96 0.00	32.67 1.25 0.00	33.16 1.38 0.00	29.17 1.22 0.00	31.13 1.08 0.00	20.71 0.58 0.00	19.04 0.50 0.00
DANC__LFGE 323619	16.69 -0.33 0.00	16.33 -0.34 0.00	15.53 -0.33 0.00	14.79 -0.33 0.00	15.74 -0.34 0.00	16.78 -0.30 0.00	21.72 -0.37 0.00	19.78 -0.42 0.00	18.92 -0.59 0.00	17.32 -0.61 0.00	18.19 -0.85 0.00	18.41 -0.84 0.00	18.01 -0.73 0.00	23.26 -0.88 0.00	25.37 -0.81 0.00	24.24 -0.62 0.00	26.50 -0.59 0.00	28.93 -0.61 0.00	30.76 -0.66 0.00	31.33 -0.46 0.00	27.36 -0.59 0.00	28.58 -1.46 0.00	19.09 -1.04 0.00	17.56 -0.97 0.00
DANSKAMMER__1 23586	17.86 0.84 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.83 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.90 0.00	21.29 1.17 0.00	19.59 1.06 0.00
DANSKAMMER__2 23589	17.86 0.84 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.83 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.90 0.00	21.29 1.17 0.00	19.59 1.06 0.00
DANSKAMMER__3 23590	17.86 0.84 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.83 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.90 0.00	21.29 1.17 0.00	19.59 1.06 0.00

DANSKAMMER___4 23591	17.86 0.84 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.83 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.90 0.00	21.29 1.17 0.00	19.59 1.06 0.00
DANSKAMMER___DIESEL 23592	17.86 0.84 0.00	17.49 0.82 0.00	16.66 0.80 0.00	15.93 0.81 0.00	16.92 0.84 0.00	17.96 0.88 0.00	23.25 1.15 0.00	21.38 1.18 0.00	20.43 0.92 0.00	18.74 0.81 0.00	19.95 0.91 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.37 1.23 0.00	27.57 1.39 0.00	26.12 1.25 0.00	28.59 1.50 0.00	31.30 1.77 0.00	33.38 1.97 0.00	34.07 2.29 0.00	30.01 2.06 0.00	31.94 1.89 0.00	21.29 1.16 0.00	19.59 1.06 0.00
DARBY___SOLAR 323810	17.43 0.41 0.00	17.10 0.42 0.00	16.27 0.41 0.00	15.58 0.46 0.00	16.59 0.50 0.00	17.70 0.63 0.00	22.90 0.80 0.00	20.91 0.72 0.00	19.84 0.34 0.00	18.08 0.15 0.00	19.14 0.10 0.00	19.28 0.04 0.00	18.74 0.01 0.00	24.24 0.09 0.00	26.36 0.17 0.00	25.13 0.26 0.00	27.59 0.50 0.00	30.49 0.96 0.00	32.65 1.23 0.00	33.13 1.35 0.00	29.15 1.20 0.00	31.13 1.09 0.00	20.73 0.60 0.00	19.06 0.52 0.00
DASHVILLE___HYD 23610	17.75 0.73 0.00	17.39 0.71 0.00	16.57 0.71 0.00	15.84 0.73 0.00	16.83 0.74 0.00	17.84 0.75 0.00	23.09 1.00 0.00	21.26 1.06 0.00	20.33 0.82 0.00	18.66 0.73 0.00	19.90 0.86 0.00	20.05 0.81 0.00	19.50 0.76 0.00	25.22 1.08 0.00	27.40 1.21 0.00	25.94 1.08 0.00	28.37 1.29 0.00	31.07 1.53 0.00	33.11 1.69 0.00	33.79 2.01 0.00	29.76 1.81 0.00	31.69 1.64 0.00	21.14 1.01 0.00	19.46 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.49 1.47 0.00	18.19 1.52 0.00	17.26 1.40 0.00	16.54 1.43 0.00	17.51 1.43 0.00	18.49 1.41 0.00	24.09 2.00 0.00	22.17 1.97 0.00	20.94 1.44 0.00	18.47 0.83 0.29	20.46 1.42 0.00	20.55 1.31 0.00	19.84 1.11 0.00	25.75 1.61 0.00	28.13 1.94 0.00	26.86 2.00 0.00	29.61 2.52 0.00	32.34 2.81 0.00	34.41 2.99 0.00	35.29 3.51 0.00	31.04 3.09 0.00	32.93 2.88 0.00	22.01 1.88 0.00	20.22 1.69 0.00
DELAWARE___LFGE 323621	17.32 0.30 0.00	16.98 0.30 0.00	16.15 0.28 0.00	15.38 0.27 0.00	16.36 0.27 0.00	17.33 0.26 0.00	22.43 0.34 0.00	20.60 0.40 0.00	19.82 0.31 0.00	18.22 0.29 0.00	19.36 0.32 0.00	19.60 0.35 0.00	19.08 0.34 0.00	24.63 0.49 0.00	26.67 0.49 0.00	25.30 0.44 0.00	27.52 0.43 0.00	29.97 0.43 0.00	31.84 0.42 0.00	32.37 0.58 0.00	28.50 0.55 0.00	30.46 0.42 0.00	20.44 0.31 0.00	18.85 0.31 0.00
DERFIELD_115KV_TB7 355931	17.05 0.03 0.00	16.71 0.03 0.00	15.90 0.03 0.00	15.16 0.05 0.00	16.13 0.05 0.00	17.12 0.05 0.00	22.15 0.05 0.00	20.26 0.06 0.00	19.51 0.00 0.00	17.92 -0.01 0.00	19.02 -0.02 0.00	19.22 -0.02 0.00	18.71 -0.02 0.00	24.14 -0.01 0.00	26.20 0.02 0.00	24.88 0.01 0.00	27.14 0.05 0.00	29.62 0.09 0.00	31.51 0.09 0.00	31.93 0.15 0.00	28.08 0.13 0.00	30.11 0.07 0.00	20.16 0.03 0.00	18.56 0.03 0.00
DOGLEVILLE___HYD 23807	16.74 -0.28 0.00	16.39 -0.29 0.00	15.57 -0.30 0.00	14.85 -0.26 0.00	15.79 -0.29 0.00	16.85 -0.23 0.00	21.81 -0.28 0.00	19.67 -0.53 0.00	18.47 -1.04 0.00	17.16 -0.77 0.00	18.26 -0.77 0.00	18.43 -0.82 0.00	17.92 -0.81 0.00	23.20 -0.94 0.00	25.49 -0.70 0.00	24.33 -0.53 0.00	26.83 -0.26 0.00	29.26 -0.28 0.00	31.18 -0.24 0.00	31.80 0.01 0.00	27.99 0.04 0.00	29.93 -0.12 0.00	19.92 -0.21 0.00	18.24 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	16.32 -0.70 0.00	16.00 -0.68 0.00	15.13 -0.73 0.00	14.33 -0.78 0.00	15.20 -0.88 0.00	16.04 -1.04 0.00	20.86 -1.23 0.00	19.35 -0.85 0.00	18.80 -0.70 0.00	17.61 -0.32 0.00	18.57 -0.47 0.00	18.87 -0.37 0.00	18.31 -0.42 0.00	23.51 -0.64 0.00	25.29 -0.89 0.00	24.11 -0.75 0.00	25.94 -1.15 0.00	27.92 -1.61 0.00	29.49 -1.93 0.00	30.03 -1.75 0.00	26.38 -1.57 0.00	28.24 -1.81 0.00	19.63 -0.50 0.00	18.25 -0.28 0.00
DUNKIRK___1 23563	16.32 -0.70 0.00	16.00 -0.68 0.00	15.13 -0.73 0.00	14.33 -0.78 0.00	15.20 -0.88 0.00	16.04 -1.04 0.00	20.86 -1.23 0.00	19.35 -0.85 0.00	18.80 -0.70 0.00	17.61 -0.32 0.00	18.57 -0.47 0.00	18.87 -0.37 0.00	18.31 -0.42 0.00	23.51 -0.64 0.00	25.29 -0.89 0.00	24.11 -0.75 0.00	25.94 -1.15 0.00	27.92 -1.61 0.00	29.49 -1.93 0.00	30.03 -1.75 0.00	26.38 -1.57 0.00	28.24 -1.81 0.00	19.63 -0.50 0.00	18.25 -0.28 0.00
DUNKIRK___2 23564	16.32 -0.70 0.00	16.00 -0.68 0.00	15.13 -0.73 0.00	14.33 -0.78 0.00	15.20 -0.88 0.00	16.04 -1.04 0.00	20.86 -1.23 0.00	19.35 -0.85 0.00	18.80 -0.70 0.00	17.61 -0.32 0.00	18.57 -0.47 0.00	18.87 -0.37 0.00	18.31 -0.42 0.00	23.51 -0.64 0.00	25.29 -0.89 0.00	24.11 -0.75 0.00	25.94 -1.15 0.00	27.92 -1.61 0.00	29.49 -1.93 0.00	30.03 -1.75 0.00	26.38 -1.57 0.00	28.24 -1.81 0.00	19.63 -0.50 0.00	18.25 -0.28 0.00
DUNKIRK___3 23565	16.31 -0.71 0.00	15.99 -0.69 0.00	15.13 -0.73 0.00	14.33 -0.78 0.00	15.21 -0.88 0.00	16.05 -1.03 0.00	20.77 -1.32 0.00	19.25 -0.95 0.00	18.74 -0.76 0.00	17.51 -0.42 0.00	18.53 -0.51 0.00	18.82 -0.42 0.00	18.26 -0.47 0.00	23.45 -0.69 0.00	25.21 -0.97 0.00	24.02 -0.85 0.00	25.84 -1.25 0.00	27.78 -1.75 0.00	29.32 -2.10 0.00	29.90 -1.88 0.00	26.34 -1.61 0.00	28.19 -1.85 0.00	19.55 -0.57 0.00	18.22 -0.32 0.00
DUNKIRK___4 23566	16.31 -0.71 0.00	15.99 -0.69 0.00	15.13 -0.73 0.00	14.33 -0.78 0.00	15.21 -0.88 0.00	16.05 -1.03 0.00	20.77 -1.32 0.00	19.25 -0.95 0.00	18.74 -0.76 0.00	17.51 -0.42 0.00	18.53 -0.51 0.00	18.82 -0.42 0.00	18.26 -0.47 0.00	23.45 -0.69 0.00	25.21 -0.97 0.00	24.02 -0.85 0.00	25.84 -1.25 0.00	27.78 -1.75 0.00	29.32 -2.10 0.00	29.90 -1.88 0.00	26.34 -1.61 0.00	28.19 -1.85 0.00	19.55 -0.57 0.00	18.22 -0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.74 0.72 0.00	17.38 0.70 0.00	16.55 0.69 0.00	15.83 0.72 0.00	16.81 0.72 0.00	17.79 0.71 0.00	23.01 0.92 0.00	21.20 1.00 0.00	20.27 0.76 0.00	18.64 0.71 0.00	19.90 0.86 0.00	20.05 0.81 0.00	19.52 0.78 0.00	25.22 1.08 0.00	27.43 1.24 0.00	25.96 1.10 0.00	28.36 1.27 0.00	31.02 1.49 0.00	33.05 1.63 0.00	33.73 1.95 0.00	29.71 1.76 0.00	31.64 1.59 0.00	21.09 0.97 0.00	19.43 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.65 0.63 0.00	17.29 0.62 0.00	16.47 0.61 0.00	15.75 0.63 0.00	16.73 0.65 0.00	17.74 0.66 0.00	22.94 0.85 0.00	21.10 0.90 0.00	20.16 0.66 0.00	18.53 0.60 0.00	19.72 0.68 0.00	19.90 0.65 0.00	19.38 0.64 0.00	25.07 0.93 0.00	27.23 1.05 0.00	25.79 0.92 0.00	28.21 1.12 0.00	30.87 1.34 0.00	32.90 1.49 0.00	33.58 1.79 0.00	29.59 1.63 0.00	31.50 1.45 0.00	21.02 0.90 0.00	19.35 0.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.77 0.75 0.00	17.43 0.75 0.00	16.69 0.83 0.00	15.95 0.84 0.00	16.94 0.85 0.00	17.91 0.83 0.00	23.21 1.12 0.00	21.37 1.17 0.00	20.42 0.91 0.00	19.14 0.77 -0.44	20.00 0.96 0.00	20.14 0.90 0.00	19.59 0.86 0.00	25.33 1.18 0.00	27.56 1.37 0.00	26.06 1.20 0.00	28.43 1.34 0.00	31.08 1.55 0.00	33.09 1.68 0.00	33.84 2.06 0.00	29.83 1.88 0.00	31.77 1.72 0.00	21.14 1.01 0.00	19.49 0.95 0.00
E179THST_13_KV_LOAD 356214	17.84 0.82 0.00	17.49 0.81 0.00	16.75 0.88 0.00	16.01 0.90 0.00	16.99 0.90 0.00	17.97 0.89 0.00	23.30 1.20 0.00	21.45 1.25 0.00	20.50 1.00 0.00	19.22 0.85 -0.44	20.09 1.05 0.00	20.23 0.98 0.00	19.68 0.94 0.00	25.44 1.29 0.00	27.68 1.50 0.00	26.17 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.23 1.82 0.00	33.98 2.20 0.00	29.96 2.00 0.00	31.90 1.86 0.00	21.22 1.09 0.00	19.56 1.03 0.00
EAST HAMPTON___GT 23717	18.54 1.52 0.00	18.24 1.57 0.00	17.30 1.44 0.00	16.58 1.47 0.00	17.56 1.47 0.00	18.54 1.46 0.00	24.17 2.07 0.00	22.25 2.05 0.00	21.01 1.50 0.00	18.51 0.87 0.29	20.49 1.45 0.00	20.61 1.37 0.00	19.90 1.16 0.00	25.83 1.68 0.00	28.22 2.04 0.00	26.96 2.10 0.00	29.72 2.63 0.00	32.46 2.93 0.00	34.54 3.12 0.00	35.44 3.66 0.00	31.16 3.21 0.00	33.06 3.02 0.00	22.09 1.96 0.00	20.29 1.76 0.00
EAST RIVER___6 23660	17.85 0.83 0.00	17.48 0.81 0.00	16.70 0.84 0.00	15.97 0.86 0.00	16.94 0.86 0.00	17.93 0.85 0.00	23.23 1.13 0.00	21.42 1.22 0.00	20.50 1.00 0.00	19.25 0.94 -0.38	20.14 1.10 0.00	20.29 1.05 0.00	19.74 1.00 0.00	25.52 1.37 0.00	27.75 1.56 0.00	26.24 1.38 0.00	28.64 1.55 0.00	31.31 1.78 0.00	33.32 1.90 0.00	34.03 2.25 0.00	29.98 2.03 0.00	31.90 1.85 0.00	21.23 1.11 0.00	19.56 1.03 0.00
EAST RIVER___7 23524	17.85 0.83 0.00	17.48 0.81 0.00	16.70 0.84 0.00	15.97 0.86 0.00	16.94 0.86 0.00	17.93 0.85 0.00	23.23 1.13 0.00	21.42 1.22 0.00	20.50 1.00 0.00	19.25 0.94 -0.38	20.14 1.10 0.00	20.29 1.05 0.00	19.74 1.00 0.00	25.52 1.37 0.00	27.75 1.56 0.00	26.24 1.38 0.00	28.64 1.55 0.00	31.31 1.78 0.00	33.32 1.90 0.00	34.03 2.25 0.00	29.98 2.03 0.00	31.90 1.85 0.00	21.23 1.11 0.00	19.56 1.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.70 0.69 0.00	17.35 0.67 0.00	16.53 0.67 0.00	15.81 0.70 0.00	16.79 0.70 0.00	17.78 0.70 0.00	22.99 0.90 0.00	21.17 0.97 0.00	20.23 0.73 0.00	18.61 0.67 -0.01	19.85 0.81 0.00	20.01 0.76 0.00	19.48 0.74 0.00	25.17 1.02 0.00	27.36 1.18 0.00	25.90 1.04 0.00	28.29 1.21 0.00	30.96 1.43 0.00	32.98 1.56 0.00	33.66 1.88 0.00	29.66 1.71 0.00	31.58 1.53 0.00	21.05 0.93 0.00	19.40 0.86 0.00
EAST_HAMPTON___DIESEL 23722	18.54 1.53 0.00	18.24 1.57 0.00	17.30 1.44 0.00	16.59 1.47 0.00	17.56 1.48 0.00	18.54 1.46 0.00	24.17 2.08 0.00	22.25 2.05 0.00	21.01 1.51 0.00	18.52 0.88 0.29	20.50 1.46 0.00	20.61 1.37 0.00	19.90 1.16 0.00	25.83 1.69 0.00	28.23 2.04 0.00	26.97 2.10 0.00	29.72 2.64 0.00	32.47 2.93 0.00	34.55 3.14 0.00	35.45 3.66 0.00	31.17 3.22 0.00	33.07 3.02 0.00	22.09 1.97 0.00	20.30 1.76 0.00
EAST_POINT___SOLAR 323840	17.97 0.95 0.00	17.57 0.90 0.00	16.67 0.81 0.00	15.80 0.69 0.00	16.84 0.76 0.00	17.92 0.83 0.00	23.61 1.52 0.00	21.69 1.49 0.00	20.79 1.29 0.00	18.90 0.97 0.00	20.01 0.97 0.00	20.23 0.98 0.00	19.68 0.94 0.00	25.37 1.22 0.00	27.50 1.32 0.00	26.33 1.46 0.00	28.64 1.55 0.00	31.01 1.48 0.00	32.93 1.52 0.00	33.35 1.57 0.00	29.33 1.38 0.00	31.57 1.52 0.00	21.17 1.04 0.00	19.53 0.99 0.00
EAST_PULASKI___ESR 323781	16.61 -0.41 0.00	16.26 -0.42 0.00	15.46 -0.40 0.00	14.71 -0.40 0.00	15.67 -0.42 0.00	16.67 -0.41 0.00	21.57 -0.52 0.00	19.73 -0.47 0.00	18.95 -0.55 0.00	17.42 -0.51 0.00	18.39 -0.65 0.00	18.60 -0.64 0.00	18.13 -0.61 0.00	23.42 -0.73 0.00	25.49 -0.69 0.00	24.24 -0.62 0.00	26.42 -0.67 0.00	28.81 -0.73 0.00	30.63 -0.79 0.00	31.15 -0.64 0.00	27.34 -0.61 0.00	28.99 -1.06 0.00	19.43 -0.70 0.00	17.90 -0.63 0.00
EAST_RIVER___1 323558	17.81 0.79 0.00	17.44 0.77 0.00	16.66 0.80 0.00	15.93 0.82 0.00	16.90 0.82 0.00	17.89 0.81 0.00	23.16 1.07 0.00	21.35 1.16 0.00	20.42 0.92 0.00	19.18 0.87 -0.38	20.05 1.01 0.00	20.21 0.97 0.00	19.65 0.92 0.00	25.41 1.27 0.00	27.63 1.44 0.00	26.14 1.28 0.00	28.52 1.43 0.00	31.19 1.65 0.00	33.19 1.77 0.00	33.90 2.12 0.00	29.88 1.93 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.51 0.97 0.00
EAST_RIVER___2 323559	17.85 0.83 0.00	17.48 0.81 0.00	16.70 0.84 0.00	15.97 0.86 0.00	16.94 0.86 0.00	17.93 0.85 0.00	23.23 1.13 0.00	21.42 1.22 0.00	20.50 1.00 0.00	19.25 0.94 -0.38	20.14 1.10 0.00	20.29 1.05 0.00	19.74 1.00 0.00	25.52 1.37 0.00	27.75 1.56 0.00	26.24 1.38 0.00	28.64 1.55 0.00	31.31 1.78 0.00	33.32 1.90 0.00	34.03 2.25 0.00	29.98 2.03 0.00	31.90 1.85 0.00	21.23 1.11 0.00	19.56 1.03 0.00
EAST___DELAWARE_HYD 23607	17.59 0.56 0.00	17.35 0.67 0.00	16.54 0.68 0.00	15.81 0.70 0.00	16.81 0.72 0.00	17.84 0.76 0.00	23.10 1.01 0.00	21.25 1.05 0.00	20.28 0.77 0.00	18.62 0.69 0.00	19.83 0.78 0.00	20.01 0.77 0.00	19.40 0.66 0.00	25.14 0.99 0.00	27.25 1.07 0.00	25.90 1.03 0.00	28.32 1.24 0.00	30.99 1.45 0.00	33.03 1.62 0.00	33.69 1.91 0.00	29.67 1.72 0.00	31.58 1.53 0.00	21.07 0.94 0.00	19.39 0.86 0.00
EIGHT_POINT___WT_PWR 323820	16.34 -0.67 0.00	15.99 -0.69 0.00	15.02 -0.84 0.00	14.08 -1.04 0.00	14.97 -1.12 0.00	15.76 -1.32 0.00	20.33 -1.77 0.00	18.95 -1.24 0.00	18.75 -0.75 0.00	17.83 -0.10 0.00	18.91 -0.13 0.00	19.14 -0.10 0.00	18.62 -0.11 0.00	24.01 -0.14 0.00	25.42 -0.77 0.00	24.07 -0.79 0.00	25.68 -1.41 0.00	27.53 -2.00 0.00	29.34 -2.08 0.00	29.74 -2.05 0.00	25.91 -2.04 0.00	27.47 -2.58 0.00	18.96 -1.17 0.00	17.99 -0.54 0.00
ELBRIDGE_115KV_TB2 80188	16.73 -0.29 0.00	16.38 -0.30 0.00	15.58 -0.28 0.00	14.83 -0.28 0.00	15.76 -0.33 0.00	16.75 -0.33 0.00	21.66 -0.43 0.00	19.87 -0.33 0.00	19.19 -0.31 0.00	17.68 -0.25 0.00	18.75 -0.29 0.00	18.99 -0.25 0.00	18.48 -0.25 0.00	23.82 -0.32 0.00	25.83 -0.36 0.00	24.51 -0.36 0.00	26.64 -0.44 0.00	29.01 -0.53 0.00	30.79 -0.63 0.00	31.28 -0.50 0.00	27.56 -0.39 0.00	29.49 -0.55 0.00	19.84 -0.29 0.00	18.29 -0.24 0.00
ELEC_TRO_TEK 24086	17.87 0.85 0.00	17.53 0.85 0.00	16.68 0.81 0.00	15.94 0.83 0.00	16.90 0.81 0.00	17.86 0.78 0.00	23.13 1.04 0.00	21.30 1.10 0.00	20.30 0.79 0.00	18.52 0.66 0.07	20.02 0.98 0.00	20.20 0.95 0.00	19.64 0.91 0.00	25.38 1.24 0.00	27.72 1.54 0.00	26.27 1.40 0.00	28.62 1.53 0.00	31.24 1.71 0.00	33.24 1.83 0.00	33.97 2.19 0.00	29.92 1.97 0.00	31.80 1.76 0.00	21.22 1.09 0.00	19.55 1.01 0.00

ELLENBURG_WT_PWR 323604	17.40 0.38 0.00	17.02 0.34 0.00	16.21 0.34 0.00	15.42 0.31 0.00	16.41 0.32 0.00	17.55 0.47 0.00	22.87 0.77 0.00	20.78 0.58 0.00	20.00 0.50 0.00	18.38 0.45 0.00	19.59 0.55 0.00	19.82 0.58 0.00	19.33 0.59 0.00	24.71 0.56 0.00	26.73 0.54 0.00	25.45 0.58 0.00	27.49 0.41 0.00	29.79 0.26 0.00	31.90 0.49 0.00	31.80 0.02 0.00	27.47 -0.48 0.00	29.64 -0.40 0.00	19.62 -0.51 0.00	17.92 -0.62 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.15 -0.87 0.00	15.82 -0.86 0.00	14.99 -0.87 0.00	14.17 -0.94 0.00	15.06 -1.02 0.00	15.90 -1.18 0.00	20.44 -1.66 0.00	18.89 -1.31 0.00	18.54 -0.97 0.00	17.26 -0.67 0.00	18.36 -0.69 0.00	18.65 -0.60 0.00	18.12 -0.61 0.00	23.22 -0.92 0.00	24.92 -1.27 0.00	23.76 -1.11 0.00	25.51 -1.58 0.00	27.33 -2.20 0.00	28.78 -2.63 0.00	29.33 -2.45 0.00	26.02 -1.93 0.00	27.91 -2.14 0.00	19.31 -0.82 0.00	18.08 -0.46 0.00
EMPIRE_CC_1 323656	17.33 0.31 0.00	17.01 0.33 0.00	16.19 0.33 0.00	15.49 0.38 0.00	16.48 0.39 0.00	17.51 0.43 0.00	22.58 0.49 0.00	20.65 0.45 0.00	19.77 0.26 0.00	18.10 0.18 0.00	19.20 0.16 0.00	19.37 0.13 0.00	18.86 0.13 0.00	24.35 0.20 0.00	26.45 0.27 0.00	25.10 0.24 0.00	27.49 0.41 0.00	30.16 0.63 0.00	32.25 0.84 0.00	32.72 0.94 0.00	28.77 0.82 0.00	30.78 0.74 0.00	20.57 0.44 0.00	18.95 0.41 0.00
EMPIRE_CC_2 323658	17.33 0.31 0.00	17.01 0.33 0.00	16.19 0.33 0.00	15.49 0.38 0.00	16.48 0.39 0.00	17.51 0.43 0.00	22.58 0.49 0.00	20.65 0.45 0.00	19.77 0.26 0.00	18.10 0.18 0.00	19.20 0.16 0.00	19.37 0.13 0.00	18.86 0.13 0.00	24.35 0.20 0.00	26.45 0.27 0.00	25.10 0.24 0.00	27.49 0.41 0.00	30.16 0.63 0.00	32.25 0.84 0.00	32.72 0.94 0.00	28.77 0.82 0.00	30.78 0.74 0.00	20.57 0.44 0.00	18.95 0.41 0.00
ENORWICH_115KV_TB1 80156	17.97 0.95 0.00	17.60 0.92 0.00	16.77 0.90 0.00	15.94 0.83 0.00	16.91 0.82 0.00	17.89 0.80 0.00	23.07 0.98 0.00	21.13 0.94 0.00	20.28 0.77 0.00	18.59 0.67 0.00	19.52 0.48 0.00	20.07 0.82 0.00	19.61 0.88 0.00	25.51 1.37 0.00	27.67 1.48 0.00	26.30 1.43 0.00	28.26 1.17 0.00	30.77 1.23 0.00	32.58 1.16 0.00	33.02 1.24 0.00	29.06 1.11 0.00	30.75 0.70 0.00	20.72 0.60 0.00	19.18 0.64 0.00
ERIE_ST__34_KV_TB1-2 80199	16.43 -0.58 0.00	16.11 -0.57 0.00	15.25 -0.61 0.00	14.42 -0.69 0.00	15.33 -0.75 0.00	16.19 -0.89 0.00	20.81 -1.29 0.00	19.24 -0.96 0.00	18.87 -0.63 0.00	17.56 -0.37 0.00	18.68 -0.36 0.00	18.99 -0.26 0.00	18.44 -0.30 0.00	23.64 -0.50 0.00	25.39 -0.80 0.00	24.18 -0.68 0.00	26.00 -1.09 0.00	27.88 -1.66 0.00	29.35 -2.06 0.00	29.95 -1.83 0.00	26.55 -1.40 0.00	28.45 -1.60 0.00	19.63 -0.49 0.00	18.36 -0.17 0.00
ERIE_WT_PWR 323693	16.26 -0.76 0.00	15.92 -0.76 0.00	15.11 -0.76 0.00	14.25 -0.86 0.00	15.16 -0.92 0.00	16.00 -1.08 0.00	20.56 -1.53 0.00	19.02 -1.18 0.00	18.66 -0.84 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.78 -0.46 0.00	18.24 -0.50 0.00	23.39 -0.75 0.00	25.11 -1.07 0.00	23.92 -0.94 0.00	25.67 -1.42 0.00	27.52 -2.01 0.00	28.99 -2.43 0.00	29.55 -2.23 0.00	26.21 -1.74 0.00	28.08 -1.96 0.00	19.42 -0.71 0.00	18.17 -0.36 0.00
ESPRGFLD_115KV_TB1 80157	17.81 0.79 0.00	17.42 0.74 0.00	16.54 0.67 0.00	15.67 0.56 0.00	16.68 0.60 0.00	17.70 0.61 0.00	23.17 1.08 0.00	21.30 1.10 0.00	20.50 1.00 0.00	18.75 0.83 0.00	19.91 0.86 0.00	20.17 0.93 0.00	19.64 0.90 0.00	25.34 1.20 0.00	27.40 1.22 0.00	26.14 1.28 0.00	28.34 1.26 0.00	30.62 1.09 0.00	32.44 1.02 0.00	32.88 1.09 0.00	28.94 0.99 0.00	31.03 0.98 0.00	20.84 0.71 0.00	19.24 0.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.14 0.12 0.00	16.78 0.11 0.00	15.95 0.09 0.00	15.17 0.06 0.00	16.14 0.05 0.00	17.14 0.06 0.00	22.16 0.07 0.00	20.37 0.18 0.00	19.62 0.11 0.00	18.05 0.12 0.00	19.11 0.07 0.00	19.43 0.18 0.00	18.91 0.17 0.00	24.43 0.29 0.00	26.48 0.29 0.00	25.06 0.20 0.00	27.22 0.14 0.00	29.64 0.10 0.00	31.48 0.06 0.00	32.07 0.28 0.00	28.23 0.27 0.00	30.11 0.07 0.00	20.28 0.15 0.00	18.70 0.16 0.00
ETNA____115KV_TB2 80207	17.14 0.12 0.00	16.78 0.11 0.00	15.95 0.09 0.00	15.17 0.06 0.00	16.14 0.05 0.00	17.14 0.06 0.00	22.16 0.07 0.00	20.37 0.18 0.00	19.62 0.11 0.00	18.05 0.12 0.00	19.11 0.07 0.00	19.43 0.18 0.00	18.91 0.17 0.00	24.43 0.29 0.00	26.48 0.29 0.00	25.06 0.20 0.00	27.22 0.14 0.00	29.64 0.10 0.00	31.48 0.06 0.00	32.07 0.28 0.00	28.23 0.27 0.00	30.11 0.07 0.00	20.28 0.15 0.00	18.70 0.16 0.00
EUCLID__115KV_TB2 356179	16.62 -0.40 0.00	16.28 -0.40 0.00	15.47 -0.39 0.00	14.73 -0.39 0.00	15.67 -0.41 0.00	16.65 -0.43 0.00	21.52 -0.57 0.00	19.75 -0.44 0.00	19.07 -0.44 0.00	17.54 -0.38 0.00	18.63 -0.41 0.00	18.86 -0.38 0.00	18.35 -0.39 0.00	23.67 -0.47 0.00	25.65 -0.54 0.00	24.35 -0.52 0.00	26.47 -0.62 0.00	28.82 -0.71 0.00	30.61 -0.81 0.00	31.09 -0.69 0.00	27.38 -0.57 0.00	29.30 -0.75 0.00	19.71 -0.42 0.00	18.19 -0.35 0.00
E_CANADA_CAP_HY 24051	17.95 0.93 0.00	17.55 0.87 0.00	16.65 0.78 0.00	15.77 0.66 0.00	16.81 0.72 0.00	17.87 0.79 0.00	23.54 1.44 0.00	21.62 1.42 0.00	20.74 1.23 0.00	18.87 0.94 0.00	19.99 0.95 0.00	20.21 0.97 0.00	19.67 0.93 0.00	25.35 1.21 0.00	27.48 1.29 0.00	26.30 1.44 0.00	28.59 1.50 0.00	30.92 1.39 0.00	32.81 1.39 0.00	33.21 1.43 0.00	29.21 1.26 0.00	31.45 1.40 0.00	21.11 0.98 0.00	19.48 0.94 0.00
E_CANADA_MHWK_HY 24050	16.74 -0.28 0.00	16.39 -0.29 0.00	15.57 -0.30 0.00	14.85 -0.26 0.00	15.79 -0.29 0.00	16.85 -0.23 0.00	21.81 -0.28 0.00	19.67 -0.53 0.00	18.47 -1.04 0.00	17.16 -0.77 0.00	18.26 -0.77 0.00	18.43 -0.82 0.00	17.92 -0.81 0.00	23.20 -0.94 0.00	25.49 -0.70 0.00	24.33 -0.53 0.00	26.83 -0.26 0.00	29.26 -0.28 0.00	31.18 -0.24 0.00	31.80 0.01 0.00	27.99 0.04 0.00	29.93 -0.12 0.00	19.92 -0.21 0.00	18.24 -0.30 0.00
E_FISHKILL__LBMP 23776	17.57 0.55 0.00	17.23 0.55 0.00	16.42 0.56 0.00	15.70 0.59 0.00	16.67 0.59 0.00	17.67 0.59 0.00	22.85 0.76 0.00	21.01 0.81 0.00	20.08 0.57 0.00	18.45 0.52 0.00	19.66 0.62 0.00	19.83 0.59 0.00	19.30 0.57 0.00	24.92 0.78 0.00	27.09 0.91 0.00	25.65 0.79 0.00	28.03 0.95 0.00	30.71 1.18 0.00	32.76 1.34 0.00	33.40 1.62 0.00	29.42 1.47 0.00	31.33 1.29 0.00	20.90 0.77 0.00	19.26 0.72 0.00
FALCON___SEABRD_CC1 323796	17.72 0.70 0.00	17.33 0.65 0.00	16.50 0.64 0.00	15.74 0.62 0.00	16.73 0.64 0.00	17.96 0.88 0.00	23.45 1.36 0.00	21.29 1.10 0.00	20.40 0.90 0.00	18.70 0.77 0.00	19.96 0.92 0.00	20.18 0.94 0.00	19.70 0.96 0.00	25.19 1.05 0.00	27.25 1.06 0.00	26.00 1.14 0.00	28.06 0.97 0.00	30.41 0.87 0.00	32.59 1.17 0.00	32.44 0.66 0.00	27.95 0.00 0.00	30.02 -0.03 0.00	19.80 -0.32 0.00	18.08 -0.46 0.00

FALCON___SEABRD_CC2 323797	17.72 0.70 0.00	17.33 0.65 0.00	16.50 0.64 0.00	15.74 0.62 0.00	16.73 0.64 0.00	17.96 0.88 0.00	23.45 1.36 0.00	21.29 1.10 0.00	20.40 0.90 0.00	18.70 0.77 0.00	19.96 0.92 0.00	20.18 0.94 0.00	19.70 0.96 0.00	25.19 1.05 0.00	27.25 1.06 0.00	26.00 1.14 0.00	28.06 0.97 0.00	30.41 0.87 0.00	32.59 1.17 0.00	32.44 0.66 0.00	27.95 0.00 0.00	30.02 -0.03 0.00	19.80 -0.32 0.00	18.08 -0.46 0.00
FAR ROCKAWAY___4 23548	18.06 1.04 0.00	17.71 1.03 0.00	16.84 0.98 0.00	16.10 0.99 0.00	17.06 0.97 0.00	18.05 0.97 0.00	23.36 1.27 0.00	21.48 1.28 0.00	20.49 0.99 0.00	18.75 0.85 0.02	20.25 1.21 0.00	20.41 1.17 0.00	19.88 1.15 0.00	25.69 1.54 0.00	28.10 1.92 0.00	26.64 1.78 0.00	28.99 1.90 0.00	31.65 2.11 0.00	33.64 2.22 0.00	34.16 2.38 0.00	30.33 2.38 0.00	32.21 2.16 0.00	21.50 1.38 0.00	19.77 1.24 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.80 0.78 0.00	17.44 0.76 0.00	16.66 0.79 0.00	15.93 0.82 0.00	16.91 0.82 0.00	17.89 0.81 0.00	23.16 1.06 0.00	21.34 1.15 0.00	20.42 0.91 0.00	19.18 0.86 -0.39	20.04 1.00 0.00	20.20 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.62 1.43 0.00	26.12 1.26 0.00	28.51 1.42 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.88 2.10 0.00	29.87 1.92 0.00	31.80 1.75 0.00	21.16 1.04 0.00	19.51 0.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.81 0.79 0.00	17.45 0.78 0.00	16.67 0.81 0.00	15.94 0.83 0.00	16.91 0.83 0.00	17.90 0.82 0.00	23.16 1.07 0.00	21.36 1.16 0.00	20.42 0.92 0.00	19.19 0.87 -0.39	20.05 1.01 0.00	20.20 0.96 0.00	19.65 0.91 0.00	25.41 1.27 0.00	27.62 1.44 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.19 1.66 0.00	33.19 1.78 0.00	33.90 2.12 0.00	29.89 1.94 0.00	31.81 1.76 0.00	21.19 1.06 0.00	19.52 0.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.80 0.78 0.00	17.43 0.76 0.00	16.66 0.79 0.00	15.93 0.81 0.00	16.90 0.82 0.00	17.88 0.80 0.00	23.14 1.05 0.00	21.34 1.14 0.00	20.41 0.90 0.00	19.18 0.86 -0.39	20.04 1.00 0.00	20.19 0.95 0.00	19.64 0.90 0.00	25.39 1.24 0.00	27.61 1.43 0.00	26.12 1.25 0.00	28.50 1.41 0.00	31.16 1.63 0.00	33.16 1.74 0.00	33.87 2.09 0.00	29.86 1.91 0.00	31.77 1.73 0.00	21.16 1.03 0.00	19.50 0.96 0.00
FARRAGUT___LBMP 323566	17.79 0.77 0.00	17.43 0.75 0.00	16.65 0.78 0.00	15.92 0.80 0.00	16.89 0.81 0.00	17.88 0.79 0.00	23.13 1.04 0.00	21.32 1.13 0.00	20.40 0.89 0.00	19.16 0.84 -0.39	20.02 0.98 0.00	20.17 0.92 0.00	19.62 0.89 0.00	25.36 1.22 0.00	27.58 1.40 0.00	26.09 1.23 0.00	28.47 1.39 0.00	31.13 1.60 0.00	33.14 1.72 0.00	33.85 2.06 0.00	29.84 1.89 0.00	31.75 1.70 0.00	21.14 1.02 0.00	19.49 0.95 0.00
FENNER___WINDPWR 24204	17.32 0.30 0.00	16.94 0.26 0.00	16.11 0.25 0.00	15.33 0.22 0.00	16.32 0.23 0.00	17.36 0.28 0.00	22.47 0.38 0.00	20.54 0.35 0.00	19.77 0.27 0.00	18.14 0.21 0.00	19.18 0.14 0.00	19.46 0.22 0.00	18.90 0.17 0.00	24.46 0.32 0.00	26.68 0.50 0.00	25.38 0.52 0.00	27.58 0.49 0.00	30.08 0.55 0.00	31.92 0.50 0.00	32.40 0.62 0.00	28.52 0.57 0.00	30.37 0.33 0.00	20.31 0.18 0.00	18.69 0.15 0.00
FIBERTEK___ENERGY 23856	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
FITZPATRICK____ 23598	16.45 -0.57 0.00	16.12 -0.56 0.00	15.32 -0.54 0.00	14.59 -0.52 0.00	15.52 -0.56 0.00	16.49 -0.59 0.00	21.31 -0.78 0.00	19.54 -0.66 0.00	18.87 -0.64 0.00	17.36 -0.57 0.00	18.44 -0.61 0.00	18.65 -0.60 0.00	18.16 -0.58 0.00	23.40 -0.74 0.00	25.36 -0.82 0.00	24.08 -0.78 0.00	26.19 -0.90 0.00	28.52 -1.02 0.00	30.30 -1.11 0.00	30.74 -1.04 0.00	27.07 -0.88 0.00	29.00 -1.04 0.00	19.49 -0.64 0.00	17.98 -0.55 0.00
FLOWRFLD_69_KV_BK1 356044	18.14 1.11 0.00	17.82 1.15 0.00	16.93 1.07 0.00	16.19 1.08 0.00	17.13 1.04 0.00	18.08 1.00 0.00	23.49 1.40 0.00	21.63 1.43 0.00	20.48 0.97 0.00	18.28 0.64 0.29	20.20 1.16 0.00	20.37 1.13 0.00	19.74 1.00 0.00	25.59 1.45 0.00	27.96 1.78 0.00	26.65 1.79 0.00	29.16 2.07 0.00	31.83 2.29 0.00	33.78 2.36 0.00	34.59 2.81 0.00	30.44 2.49 0.00	32.32 2.27 0.00	21.61 1.48 0.00	19.89 1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.88 0.86 0.00	17.51 0.84 0.00	16.68 0.82 0.00	15.94 0.84 0.00	16.94 0.86 0.00	17.98 0.90 0.00	23.28 1.18 0.00	21.41 1.21 0.00	20.45 0.95 0.00	18.77 0.84 0.00	19.98 0.94 0.00	20.17 0.93 0.00	19.62 0.88 0.00	25.41 1.27 0.00	27.61 1.43 0.00	26.16 1.30 0.00	28.63 1.54 0.00	31.35 1.82 0.00	33.44 2.02 0.00	34.12 2.33 0.00	30.05 2.10 0.00	31.98 1.94 0.00	21.32 1.20 0.00	19.62 1.08 0.00
FORT ORANGE____ 23900	17.24 0.22 0.00	16.92 0.24 0.00	16.10 0.24 0.00	15.40 0.29 0.00	16.38 0.29 0.00	17.40 0.32 0.00	22.47 0.38 0.00	20.51 0.31 0.00	19.65 0.15 0.00	17.99 0.06 0.00	19.00 -0.04 0.00	19.16 -0.08 0.00	18.68 -0.06 0.00	24.12 -0.02 0.00	26.23 0.05 0.00	24.88 0.02 0.00	27.34 0.25 0.00	29.99 0.46 0.00	32.02 0.61 0.00	32.50 0.72 0.00	28.58 0.63 0.00	30.55 0.50 0.00	20.42 0.29 0.00	18.79 0.25 0.00
FORT_DRUM_COGEN 23780	16.90 -0.12 0.00	16.51 -0.17 0.00	15.71 -0.15 0.00	14.95 -0.16 0.00	15.93 -0.16 0.00	17.01 -0.07 0.00	22.06 -0.03 0.00	19.99 -0.21 0.00	19.00 -0.51 0.00	17.54 -0.39 0.00	18.35 -0.69 0.00	18.54 -0.70 0.00	18.08 -0.66 0.00	23.30 -0.85 0.00	25.80 -0.38 0.00	24.41 -0.45 0.00	26.78 -0.31 0.00	29.26 -0.28 0.00	31.13 -0.28 0.00	31.73 -0.05 0.00	27.60 -0.35 0.00	28.54 -1.51 0.00	18.98 -1.15 0.00	17.43 -1.11 0.00
FOX_HILLS___ESR 323835	17.88 0.85 0.00	17.50 0.82 0.00	16.71 0.85 0.00	15.97 0.86 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.21 1.12 0.00	21.39 1.19 0.00	20.44 0.94 0.00	19.20 0.83 -0.44	20.07 1.03 0.00	20.21 0.97 0.00	19.66 0.92 0.00	25.44 1.30 0.00	27.68 1.50 0.00	26.17 1.31 0.00	28.62 1.53 0.00	31.29 1.75 0.00	33.30 1.88 0.00	34.06 2.28 0.00	29.99 2.04 0.00	31.90 1.85 0.00	21.25 1.13 0.00	19.59 1.05 0.00
FPL FAR_ROCK_GT1 24212	18.06 1.04 0.00	17.71 1.03 0.00	16.84 0.98 0.00	16.10 0.99 0.00	17.06 0.97 0.00	18.04 0.96 0.00	23.36 1.27 0.00	21.48 1.28 0.00	20.49 0.99 0.00	18.75 0.85 0.02	20.25 1.21 0.00	20.41 1.17 0.00	19.88 1.15 0.00	25.69 1.54 0.00	28.10 1.92 0.00	26.64 1.78 0.00	28.99 1.90 0.00	31.65 2.11 0.00	33.64 2.22 0.00	34.16 2.37 0.00	30.33 2.38 0.00	32.21 2.16 0.00	21.51 1.38 0.00	19.77 1.23 0.00



FPL FAR_ROCK_GT2 23815	18.06 1.04 0.00	17.71 1.03 0.00	16.84 0.98 0.00	16.10 0.99 0.00	17.06 0.97 0.00	18.04 0.96 0.00	23.36 1.27 0.00	21.48 1.28 0.00	20.49 0.99 0.00	18.75 0.85 0.02	20.25 1.21 0.00	20.41 1.17 0.00	19.88 1.15 0.00	25.69 1.54 0.00	28.10 1.92 0.00	26.64 1.78 0.00	28.99 1.90 0.00	31.65 2.11 0.00	33.64 2.22 0.00	34.16 2.37 0.00	30.33 2.38 0.00	32.21 2.16 0.00	21.51 1.38 0.00	19.77 1.23 0.00
FRANKLIN_FALL_HYD 24054	17.36 0.34 0.00	16.99 0.31 0.00	16.16 0.30 0.00	15.37 0.26 0.00	16.38 0.30 0.00	17.49 0.41 0.00	22.82 0.72 0.00	20.75 0.55 0.00	19.98 0.47 0.00	18.33 0.40 0.00	19.52 0.48 0.00	19.73 0.49 0.00	19.23 0.50 0.00	24.58 0.44 0.00	26.60 0.41 0.00	25.33 0.47 0.00	27.40 0.31 0.00	29.69 0.16 0.00	31.86 0.44 0.00	31.86 0.08 0.00	27.51 -0.44 0.00	29.69 -0.36 0.00	19.68 -0.45 0.00	17.98 -0.56 0.00
FREEPORT_EQUS_GT1 23764	17.98 0.96 0.00	17.65 0.97 0.00	16.77 0.91 0.00	16.04 0.93 0.00	16.99 0.90 0.00	17.97 0.89 0.00	23.27 1.17 0.00	21.42 1.23 0.00	20.41 0.90 0.00	18.49 0.72 0.16	20.12 1.08 0.00	20.29 1.05 0.00	19.74 1.01 0.00	25.50 1.36 0.00	27.90 1.72 0.00	26.47 1.61 0.00	28.85 1.77 0.00	31.48 1.95 0.00	33.48 2.06 0.00	34.23 2.45 0.00	30.16 2.21 0.00	32.04 1.99 0.00	21.37 1.25 0.00	19.67 1.14 0.00
FREEPORT___CT2 23818	17.98 0.96 0.00	17.65 0.97 0.00	16.77 0.91 0.00	16.04 0.93 0.00	16.99 0.90 0.00	17.97 0.89 0.00	23.27 1.17 0.00	21.42 1.23 0.00	20.41 0.90 0.00	18.49 0.72 0.16	20.12 1.08 0.00	20.29 1.05 0.00	19.74 1.01 0.00	25.50 1.36 0.00	27.90 1.72 0.00	26.47 1.61 0.00	28.85 1.77 0.00	31.48 1.95 0.00	33.48 2.06 0.00	34.23 2.45 0.00	30.16 2.21 0.00	32.04 1.99 0.00	21.37 1.25 0.00	19.67 1.14 0.00
FRESHKLS_33_KV_LOAD 356253	17.86 0.84 0.00	17.49 0.81 0.00	16.69 0.83 0.00	15.95 0.84 0.00	16.94 0.86 0.00	17.93 0.85 0.00	23.18 1.09 0.00	21.34 1.14 0.00	20.38 0.87 0.00	19.11 0.74 -0.44	19.98 0.94 0.00	20.13 0.89 0.00	19.59 0.85 0.00	25.37 1.23 0.00	27.61 1.43 0.00	26.09 1.23 0.00	28.56 1.48 0.00	31.25 1.71 0.00	33.27 1.86 0.00	34.06 2.28 0.00	29.93 1.98 0.00	31.81 1.77 0.00	21.22 1.10 0.00	19.57 1.03 0.00
FULTON COGEN____ 23766	16.55 -0.47 0.00	16.21 -0.46 0.00	15.40 -0.46 0.00	14.67 -0.45 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.45 -0.64 0.00	19.68 -0.51 0.00	18.98 -0.52 0.00	17.44 -0.49 0.00	18.51 -0.53 0.00	18.76 -0.49 0.00	18.24 -0.50 0.00	23.56 -0.58 0.00	25.53 -0.66 0.00	24.25 -0.62 0.00	26.36 -0.73 0.00	28.73 -0.80 0.00	30.53 -0.89 0.00	31.01 -0.78 0.00	27.30 -0.65 0.00	29.20 -0.85 0.00	19.62 -0.51 0.00	18.11 -0.43 0.00
FULTON___LFGE 323630	18.52 1.50 0.00	18.11 1.43 0.00	17.18 1.32 0.00	16.32 1.21 0.00	17.43 1.34 0.00	18.63 1.55 0.00	24.63 2.54 0.00	22.63 2.44 0.00	21.43 1.92 0.00	19.48 1.55 0.00	20.49 1.45 0.00	20.59 1.35 0.00	20.04 1.31 0.00	25.78 1.64 0.00	28.18 2.00 0.00	27.22 2.36 0.00	30.17 3.08 0.00	32.93 3.40 0.00	34.95 3.54 0.00	35.51 3.73 0.00	31.18 3.23 0.00	33.39 3.35 0.00	22.35 2.22 0.00	20.53 2.00 0.00
G.F.CEMENT___DRP 24184	17.42 0.40 0.00	17.08 0.40 0.00	16.26 0.39 0.00	15.57 0.46 0.00	16.60 0.52 0.00	17.77 0.69 0.00	23.01 0.91 0.00	21.04 0.84 0.00	19.88 0.37 0.00	18.09 0.16 0.00	19.14 0.10 0.00	19.29 0.05 0.00	18.72 -0.01 0.00	24.21 0.07 0.00	26.36 0.18 0.00	25.12 0.26 0.00	27.60 0.51 0.00	30.64 1.11 0.00	32.78 1.37 0.00	33.30 1.52 0.00	29.30 1.35 0.00	31.23 1.18 0.00	20.74 0.61 0.00	19.05 0.52 0.00
GARDENVILLE___LBMP 24039	16.21 -0.81 0.00	15.87 -0.80 0.00	15.04 -0.83 0.00	14.21 -0.90 0.00	15.11 -0.98 0.00	15.94 -1.14 0.00	20.51 -1.58 0.00	18.97 -1.22 0.00	18.61 -0.90 0.00	17.33 -0.60 0.00	18.42 -0.62 0.00	18.71 -0.53 0.00	18.18 -0.55 0.00	23.31 -0.84 0.00	25.01 -1.18 0.00	23.83 -1.04 0.00	25.59 -1.49 0.00	27.43 -2.10 0.00	28.90 -2.52 0.00	29.46 -2.32 0.00	26.11 -1.84 0.00	27.98 -2.06 0.00	19.36 -0.76 0.00	18.13 -0.41 0.00
GARDNVLA_35_KV_LD 355827	16.27 -0.75 0.00	15.93 -0.75 0.00	15.09 -0.77 0.00	14.27 -0.85 0.00	15.16 -0.92 0.00	16.00 -1.08 0.00	20.58 -1.51 0.00	19.04 -1.16 0.00	18.69 -0.82 0.00	17.39 -0.54 0.00	18.50 -0.54 0.00	18.80 -0.45 0.00	18.26 -0.47 0.00	23.42 -0.72 0.00	25.14 -1.04 0.00	23.95 -0.91 0.00	25.71 -1.38 0.00	27.57 -1.97 0.00	29.03 -2.39 0.00	29.58 -2.20 0.00	26.24 -1.71 0.00	28.12 -1.93 0.00	19.44 -0.68 0.00	18.19 -0.34 0.00
GELCKHM___115KV_LOAD 80723	16.69 -0.33 0.00	16.35 -0.33 0.00	15.54 -0.33 0.00	14.79 -0.33 0.00	15.73 -0.35 0.00	16.72 -0.36 0.00	21.61 -0.48 0.00	19.83 -0.36 0.00	19.14 -0.36 0.00	17.61 -0.31 0.00	18.71 -0.33 0.00	18.93 -0.31 0.00	18.42 -0.31 0.00	23.77 -0.37 0.00	25.76 -0.43 0.00	24.45 -0.42 0.00	26.58 -0.50 0.00	28.95 -0.58 0.00	30.75 -0.66 0.00	31.23 -0.56 0.00	27.50 -0.45 0.00	29.42 -0.63 0.00	19.78 -0.34 0.00	18.25 -0.28 0.00
GENERAL___MILLS 23808	16.25 -0.77 0.00	15.92 -0.76 0.00	15.08 -0.79 0.00	14.25 -0.86 0.00	15.15 -0.94 0.00	15.99 -1.09 0.00	20.55 -1.55 0.00	19.01 -1.19 0.00	18.65 -0.85 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.76 -0.48 0.00	18.23 -0.51 0.00	23.37 -0.77 0.00	25.09 -1.10 0.00	23.90 -0.96 0.00	25.66 -1.43 0.00	27.51 -2.02 0.00	28.97 -2.45 0.00	29.54 -2.24 0.00	26.19 -1.76 0.00	28.06 -1.99 0.00	19.41 -0.72 0.00	18.17 -0.37 0.00
GE_PLASTICS___DRP 24183	17.23 0.21 0.00	16.90 0.22 0.00	16.09 0.23 0.00	15.38 0.27 0.00	16.35 0.26 0.00	17.36 0.28 0.00	22.42 0.33 0.00	20.50 0.31 0.00	19.67 0.17 0.00	18.04 0.11 0.00	19.11 0.07 0.00	19.28 0.04 0.00	18.78 0.05 0.00	24.24 0.09 0.00	26.35 0.16 0.00	24.99 0.13 0.00	27.38 0.29 0.00	29.99 0.46 0.00	31.99 0.58 0.00	32.47 0.69 0.00	28.54 0.59 0.00	30.54 0.50 0.00	20.42 0.29 0.00	18.80 0.27 0.00
GILBOA___1 23756	17.35 0.33 0.00	17.01 0.33 0.00	16.20 0.34 0.00	15.49 0.37 0.00	16.46 0.37 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.65 0.45 0.00	19.83 0.32 0.00	18.20 0.27 0.00	19.35 0.30 0.00	19.52 0.27 0.00	19.00 0.26 0.00	24.53 0.38 0.00	26.64 0.46 0.00	25.26 0.40 0.00	27.62 0.53 0.00	30.24 0.70 0.00	32.18 0.77 0.00	32.66 0.88 0.00	28.72 0.77 0.00	30.77 0.73 0.00	20.60 0.48 0.00	18.97 0.44 0.00
GILBOA___2 23757	17.35 0.33 0.00	17.01 0.33 0.00	16.20 0.34 0.00	15.49 0.37 0.00	16.46 0.37 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.65 0.45 0.00	19.83 0.32 0.00	18.20 0.27 0.00	19.35 0.30 0.00	19.52 0.27 0.00	19.00 0.26 0.00	24.53 0.38 0.00	26.64 0.46 0.00	25.26 0.40 0.00	27.62 0.53 0.00	30.24 0.70 0.00	32.18 0.77 0.00	32.66 0.88 0.00	28.72 0.77 0.00	30.77 0.73 0.00	20.60 0.48 0.00	18.97 0.44 0.00

GILBOA___3 23758	17.35 0.33 0.00	17.01 0.33 0.00	16.20 0.34 0.00	15.49 0.37 0.00	16.46 0.37 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.65 0.45 0.00	19.83 0.32 0.00	18.20 0.27 0.00	19.35 0.30 0.00	19.52 0.27 0.00	19.00 0.26 0.00	24.53 0.38 0.00	26.64 0.46 0.00	25.26 0.40 0.00	27.62 0.53 0.00	30.24 0.70 0.00	32.18 0.77 0.00	32.66 0.88 0.00	28.72 0.77 0.00	30.77 0.73 0.00	20.60 0.48 0.00	18.97 0.44 0.00
GILBOA___4 23759	17.35 0.33 0.00	17.01 0.33 0.00	16.20 0.34 0.00	15.49 0.37 0.00	16.46 0.37 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.65 0.45 0.00	19.83 0.32 0.00	18.20 0.27 0.00	19.35 0.30 0.00	19.52 0.27 0.00	19.00 0.26 0.00	24.53 0.38 0.00	26.64 0.46 0.00	25.26 0.40 0.00	27.62 0.53 0.00	30.24 0.70 0.00	32.18 0.77 0.00	32.66 0.88 0.00	28.72 0.77 0.00	30.77 0.73 0.00	20.60 0.48 0.00	18.97 0.44 0.00
GILBOA___ 23599	17.35 0.33 0.00	17.02 0.34 0.00	16.20 0.34 0.00	15.49 0.37 0.00	16.46 0.37 0.00	17.47 0.39 0.00	22.58 0.48 0.00	20.65 0.45 0.00	19.83 0.32 0.00	18.20 0.27 0.00	19.35 0.30 0.00	19.52 0.27 0.00	19.00 0.26 0.00	24.53 0.38 0.00	26.64 0.46 0.00	25.26 0.40 0.00	27.62 0.53 0.00	30.24 0.70 0.00	32.18 0.77 0.00	32.66 0.88 0.00	28.72 0.77 0.00	30.77 0.73 0.00	20.60 0.47 0.00	18.97 0.44 0.00
GINNA___ 23603	15.76 -1.26 0.00	15.44 -1.23 0.00	14.67 -1.20 0.00	13.92 -1.19 0.00	14.83 -1.26 0.00	15.75 -1.33 0.00	20.33 -1.76 0.00	18.70 -1.50 0.00	18.20 -1.30 0.00	16.82 -1.11 0.00	17.91 -1.14 0.00	18.12 -1.12 0.00	17.62 -1.12 0.00	22.67 -1.47 0.00	24.48 -1.71 0.00	23.29 -1.57 0.00	25.20 -1.89 0.00	27.26 -2.27 0.00	28.83 -2.58 0.00	29.32 -2.47 0.00	25.92 -2.03 0.00	27.74 -2.30 0.00	18.82 -1.30 0.00	17.47 -1.07 0.00
GLEN PARK___ 23778	16.87 -0.15 0.00	16.49 -0.19 0.00	15.68 -0.18 0.00	14.92 -0.19 0.00	15.90 -0.19 0.00	16.99 -0.09 0.00	22.05 -0.04 0.00	19.99 -0.21 0.00	18.95 -0.56 0.00	17.50 -0.43 0.00	18.28 -0.76 0.00	18.46 -0.78 0.00	17.99 -0.74 0.00	23.18 -0.96 0.00	25.73 -0.45 0.00	24.33 -0.54 0.00	26.72 -0.36 0.00	29.27 -0.27 0.00	31.16 -0.26 0.00	31.77 -0.01 0.00	27.66 -0.29 0.00	28.61 -1.43 0.00	19.02 -1.11 0.00	17.45 -1.09 0.00
GLENDALE_27_KV_LOAD 356172	17.89 0.87 0.00	17.52 0.84 0.00	16.74 0.88 0.00	16.01 0.90 0.00	16.99 0.90 0.00	17.97 0.89 0.00	23.27 1.18 0.00	21.46 1.26 0.00	20.53 1.03 0.00	19.31 0.94 -0.44	20.16 1.12 0.00	20.30 1.06 0.00	19.75 1.01 0.00	25.54 1.40 0.00	27.78 1.60 0.00	26.28 1.41 0.00	28.68 1.59 0.00	31.35 1.81 0.00	33.36 1.95 0.00	34.07 2.29 0.00	30.03 2.08 0.00	31.97 1.93 0.00	21.29 1.16 0.00	19.61 1.07 0.00
GLENWOOD_IC_1_G5 23712	17.96 0.94 0.00	17.63 0.95 0.00	16.77 0.90 0.00	16.02 0.91 0.00	16.98 0.89 0.00	17.96 0.88 0.00	23.25 1.16 0.00	21.42 1.22 0.00	20.42 0.91 0.00	18.59 0.77 0.11	20.15 1.11 0.00	20.33 1.09 0.00	19.78 1.04 0.00	25.56 1.42 0.00	27.94 1.76 0.00	26.46 1.60 0.00	28.83 1.75 0.00	31.46 1.93 0.00	33.45 2.04 0.00	34.19 2.41 0.00	30.13 2.18 0.00	32.02 1.98 0.00	21.35 1.22 0.00	19.66 1.13 0.00
GLENWOOD_IC_2_G1 23688	17.93 0.91 0.00	17.59 0.91 0.00	16.73 0.87 0.00	16.00 0.88 0.00	16.95 0.86 0.00	17.92 0.84 0.00	23.21 1.11 0.00	21.37 1.17 0.00	20.38 0.87 0.00	18.64 0.73 0.02	20.09 1.05 0.00	20.27 1.03 0.00	19.72 0.99 0.00	25.49 1.35 0.00	27.85 1.66 0.00	26.38 1.52 0.00	28.75 1.66 0.00	31.39 1.85 0.00	33.37 1.96 0.00	34.10 2.32 0.00	30.05 2.10 0.00	31.94 1.90 0.00	21.31 1.18 0.00	19.62 1.08 0.00
GLENWOOD_IC_3_G1 23689	17.93 0.91 0.00	17.59 0.91 0.00	16.73 0.87 0.00	16.00 0.88 0.00	16.95 0.86 0.00	17.92 0.84 0.00	23.21 1.11 0.00	21.37 1.17 0.00	20.38 0.87 0.00	18.64 0.73 0.02	20.09 1.05 0.00	20.27 1.03 0.00	19.72 0.99 0.00	25.49 1.35 0.00	27.85 1.66 0.00	26.38 1.52 0.00	28.75 1.66 0.00	31.39 1.85 0.00	33.37 1.96 0.00	34.10 2.32 0.00	30.05 2.10 0.00	31.94 1.90 0.00	21.31 1.18 0.00	19.62 1.08 0.00
GLENWOOD___4 23550	17.96 0.94 0.00	17.63 0.95 0.00	16.77 0.90 0.00	16.02 0.91 0.00	16.98 0.89 0.00	17.96 0.88 0.00	23.25 1.16 0.00	21.42 1.22 0.00	20.42 0.91 0.00	18.59 0.77 0.11	20.15 1.11 0.00	20.33 1.09 0.00	19.78 1.04 0.00	25.56 1.42 0.00	27.94 1.76 0.00	26.46 1.60 0.00	28.83 1.75 0.00	31.46 1.93 0.00	33.45 2.04 0.00	34.19 2.41 0.00	30.13 2.18 0.00	32.02 1.98 0.00	21.35 1.22 0.00	19.66 1.13 0.00
GLENWOOD___5 23614	17.96 0.94 0.00	17.63 0.95 0.00	16.77 0.90 0.00	16.02 0.91 0.00	16.98 0.89 0.00	17.96 0.88 0.00	23.25 1.16 0.00	21.42 1.22 0.00	20.42 0.91 0.00	18.59 0.77 0.11	20.15 1.11 0.00	20.33 1.09 0.00	19.78 1.04 0.00	25.56 1.42 0.00	27.94 1.76 0.00	26.46 1.60 0.00	28.83 1.75 0.00	31.46 1.93 0.00	33.45 2.04 0.00	34.19 2.41 0.00	30.13 2.18 0.00	32.02 1.98 0.00	21.35 1.22 0.00	19.66 1.13 0.00
GLOBAL GREEN_PORT_GT1 23814	18.53 1.51 0.00	18.23 1.56 0.00	17.29 1.43 0.00	16.57 1.46 0.00	17.55 1.46 0.00	18.52 1.44 0.00	24.15 2.06 0.00	22.23 2.04 0.00	21.00 1.49 0.00	18.48 0.84 0.29	20.42 1.38 0.00	20.60 1.36 0.00	19.88 1.15 0.00	25.81 1.67 0.00	28.20 2.02 0.00	26.95 2.09 0.00	29.70 2.61 0.00	32.45 2.91 0.00	34.52 3.11 0.00	35.42 3.64 0.00	31.15 3.20 0.00	33.04 3.00 0.00	22.07 1.95 0.00	20.28 1.75 0.00
GLOBE___DSASP 323697	15.62 -1.40 0.00	15.31 -1.37 0.00	14.51 -1.35 0.00	13.72 -1.39 0.00	14.59 -1.50 0.00	15.34 -1.74 0.00	19.64 -2.46 0.00	18.11 -2.09 0.00	17.89 -1.62 0.00	16.67 -1.26 0.00	17.76 -1.27 0.00	18.06 -1.18 0.00	17.54 -1.19 0.00	22.36 -1.78 0.00	23.88 -2.30 0.00	22.83 -2.03 0.00	24.53 -2.56 0.00	26.19 -3.34 0.00	27.51 -3.91 0.00	28.03 -3.75 0.00	24.97 -2.98 0.00	26.86 -3.19 0.00	18.65 -1.47 0.00	17.56 -0.97 0.00
GOETHSLN___LBMP 323567	17.73 0.71 0.00	17.37 0.69 0.00	16.59 0.73 0.00	15.87 0.76 0.00	16.84 0.76 0.00	17.82 0.74 0.00	23.05 0.95 0.00	21.24 1.05 0.00	20.31 0.80 0.00	19.09 0.77 -0.39	19.93 0.89 0.00	20.08 0.84 0.00	19.53 0.80 0.00	25.27 1.12 0.00	27.47 1.28 0.00	25.97 1.10 0.00	28.34 1.26 0.00	31.00 1.47 0.00	32.99 1.58 0.00	33.71 1.93 0.00	29.74 1.78 0.00	31.63 1.58 0.00	21.06 0.93 0.00	19.41 0.87 0.00
GOLAH___69_KV_TB 1_2 80279	16.51 -0.50 0.00	16.17 -0.50 0.00	15.35 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.43 -0.65 0.00	21.18 -0.91 0.00	19.52 -0.68 0.00	19.06 -0.45 0.00	17.66 -0.27 0.00	18.79 -0.25 0.00	19.06 -0.18 0.00	18.52 -0.21 0.00	23.78 -0.36 0.00	25.61 -0.58 0.00	24.41 -0.45 0.00	26.34 -0.75 0.00	28.40 -1.13 0.00	30.01 -1.41 0.00	30.53 -1.25 0.00	27.05 -0.90 0.00	28.98 -1.07 0.00	19.78 -0.35 0.00	18.39 -0.14 0.00

GOODYEAR_LAKE_HYD 323669	17.53 0.51 0.00	17.16 0.48 0.00	16.31 0.45 0.00	15.51 0.40 0.00	16.50 0.42 0.00	17.49 0.41 0.00	22.72 0.62 0.00	20.88 0.68 0.00	20.09 0.59 0.00	18.46 0.53 0.00	19.60 0.56 0.00	19.86 0.62 0.00	19.34 0.60 0.00	24.97 0.83 0.00	26.98 0.80 0.00	25.65 0.78 0.00	27.85 0.77 0.00	30.24 0.71 0.00	32.10 0.68 0.00	32.59 0.81 0.00	28.70 0.75 0.00	30.69 0.64 0.00	20.59 0.46 0.00	19.00 0.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.96 -0.06 0.00	16.64 -0.04 0.00	15.80 -0.06 0.00	15.03 -0.08 0.00	15.98 -0.10 0.00	16.93 -0.15 0.00	21.83 -0.26 0.00	20.15 -0.05 0.00	19.40 -0.11 0.00	17.90 -0.02 0.00	19.02 -0.02 0.00	19.27 0.03 0.00	18.74 0.01 0.00	24.18 0.03 0.00	26.12 -0.06 0.00	24.75 -0.11 0.00	26.86 -0.23 0.00	29.20 -0.33 0.00	31.00 -0.41 0.00	31.63 -0.15 0.00	27.84 -0.11 0.00	29.72 -0.32 0.00	20.06 -0.07 0.00	18.53 -0.01 0.00
GOUDEY___7 23579	16.98 -0.04 0.00	16.65 -0.03 0.00	15.81 -0.05 0.00	15.04 -0.07 0.00	15.99 -0.09 0.00	16.94 -0.13 0.00	21.85 -0.25 0.00	20.17 -0.03 0.00	19.42 -0.09 0.00	17.92 -0.01 0.00	19.04 0.00 0.00	19.29 0.04 0.00	18.76 0.03 0.00	24.20 0.06 0.00	26.15 -0.04 0.00	24.77 -0.09 0.00	26.88 -0.20 0.00	29.23 -0.30 0.00	31.03 -0.39 0.00	31.66 -0.12 0.00	27.86 -0.09 0.00	29.75 -0.30 0.00	20.08 -0.05 0.00	18.55 0.01 0.00
GOUDEY___8 23580	16.96 -0.06 0.00	16.64 -0.04 0.00	15.80 -0.06 0.00	15.03 -0.08 0.00	15.98 -0.10 0.00	16.93 -0.15 0.00	21.83 -0.26 0.00	20.15 -0.05 0.00	19.40 -0.11 0.00	17.90 -0.02 0.00	19.02 -0.02 0.00	19.27 0.03 0.00	18.74 0.01 0.00	24.18 0.03 0.00	26.12 -0.06 0.00	24.75 -0.11 0.00	26.86 -0.23 0.00	29.20 -0.33 0.00	31.00 -0.41 0.00	31.63 -0.15 0.00	27.84 -0.11 0.00	29.72 -0.32 0.00	20.06 -0.07 0.00	18.53 -0.01 0.00
GOWANUS_GT1_1 24077	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_2 24078	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_3 24079	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_4 24080	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_5 24084	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_6 24111	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_7 24112	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT1_8 24113	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT2_1 24114	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_2 24115	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_3 24116	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00

GOWANUS_GT2_4 24117	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_5 24118	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_6 24119	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_7 24120	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT2_8 24121	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_1 24122	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_2 24123	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_3 24124	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_4 24125	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_5 24126	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_6 24127	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_7 24128	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT3_8 24129	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
GOWANUS_GT4_1 24130	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_2 24131	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00

GOWANUS_GT4_3 24132	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_4 24133	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_5 24134	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_6 24135	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_7 24136	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GOWANUS_GT4_8 24137	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GREENBSH_115KV_TB3 55895	17.15 0.13 0.00	16.83 0.15 0.00	16.02 0.16 0.00	15.32 0.21 0.00	16.29 0.20 0.00	17.30 0.22 0.00	22.33 0.24 0.00	20.38 0.19 0.00	19.56 0.06 0.00	17.92 0.00 0.00	18.96 -0.08 0.00	19.12 -0.12 0.00	18.63 -0.10 0.00	24.05 -0.09 0.00	26.15 -0.04 0.00	24.81 -0.05 0.00	27.21 0.12 0.00	29.82 0.29 0.00	31.83 0.42 0.00	32.31 0.53 0.00	28.40 0.45 0.00	30.37 0.33 0.00	20.30 0.17 0.00	18.68 0.15 0.00
GREENIDGE_115KV_TB5 80291	16.77 -0.25 0.00	16.43 -0.25 0.00	15.57 -0.30 0.00	14.76 -0.35 0.00	15.70 -0.38 0.00	16.66 -0.42 0.00	21.52 -0.57 0.00	19.92 -0.28 0.00	19.29 -0.22 0.00	17.86 -0.07 0.00	19.01 -0.02 0.00	19.24 0.00 0.00	18.72 -0.02 0.00	24.13 -0.02 0.00	25.98 -0.21 0.00	24.59 -0.27 0.00	26.62 -0.47 0.00	28.78 -0.75 0.00	30.45 -0.97 0.00	31.04 -0.74 0.00	27.35 -0.60 0.00	29.25 -0.80 0.00	19.84 -0.29 0.00	18.41 -0.12 0.00
GREENIDGE___3 23582	16.77 -0.25 0.00	16.43 -0.25 0.00	15.57 -0.30 0.00	14.76 -0.35 0.00	15.70 -0.38 0.00	16.66 -0.42 0.00	21.52 -0.57 0.00	19.92 -0.28 0.00	19.29 -0.22 0.00	17.86 -0.07 0.00	19.01 -0.02 0.00	19.24 0.00 0.00	18.72 -0.02 0.00	24.13 -0.02 0.00	25.98 -0.21 0.00	24.59 -0.27 0.00	26.62 -0.47 0.00	28.78 -0.75 0.00	30.45 -0.97 0.00	31.04 -0.74 0.00	27.35 -0.60 0.00	29.25 -0.80 0.00	19.84 -0.29 0.00	18.41 -0.12 0.00
GREENIDGE___4 23583	16.76 -0.26 0.00	16.43 -0.25 0.00	15.57 -0.29 0.00	14.76 -0.35 0.00	15.71 -0.38 0.00	16.66 -0.42 0.00	21.52 -0.57 0.00	19.92 -0.28 0.00	19.29 -0.22 0.00	17.86 -0.07 0.00	19.01 -0.02 0.00	19.24 0.00 0.00	18.72 -0.02 0.00	24.13 -0.02 0.00	25.98 -0.21 0.00	24.59 -0.27 0.00	26.62 -0.47 0.00	28.78 -0.75 0.00	30.45 -0.97 0.00	31.04 -0.74 0.00	27.35 -0.60 0.00	29.25 -0.80 0.00	19.84 -0.29 0.00	18.42 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	17.85 0.83 0.00	17.55 0.87 0.00	16.69 0.83 0.00	15.94 0.83 0.00	16.84 0.76 0.00	17.77 0.69 0.00	22.98 0.89 0.00	21.15 0.96 0.00	20.14 0.63 0.00	18.12 0.47 0.28	19.98 0.94 0.00	20.20 0.96 0.00	19.65 0.91 0.00	25.41 1.26 0.00	27.76 1.57 0.00	26.30 1.44 0.00	28.54 1.45 0.00	31.11 1.57 0.00	33.04 1.63 0.00	33.81 2.03 0.00	29.76 1.81 0.00	31.63 1.58 0.00	21.09 0.96 0.00	19.47 0.93 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00
GRISSOM___SOLAR 323813	18.52 1.50 0.00	18.11 1.43 0.00	17.18 1.32 0.00	16.32 1.21 0.00	17.43 1.34 0.00	18.63 1.55 0.00	24.63 2.54 0.00	22.63 2.44 0.00	21.43 1.92 0.00	19.48 1.55 0.00	20.49 1.45 0.00	20.59 1.35 0.00	20.04 1.31 0.00	25.78 1.64 0.00	28.18 2.00 0.00	27.22 2.36 0.00	30.17 3.08 0.00	32.93 3.40 0.00	34.95 3.54 0.00	35.51 3.73 0.00	31.18 3.23 0.00	33.39 3.35 0.00	22.35 2.22 0.00	20.53 2.00 0.00
GROVEVILLE___HYD 323602	17.88 0.86 0.00	17.51 0.84 0.00	16.68 0.82 0.00	15.94 0.84 0.00	16.94 0.86 0.00	17.98 0.90 0.00	23.28 1.18 0.00	21.41 1.21 0.00	20.45 0.95 0.00	18.77 0.84 0.00	19.98 0.94 0.00	20.17 0.93 0.00	19.62 0.88 0.00	25.41 1.27 0.00	27.61 1.43 0.00	26.16 1.30 0.00	28.63 1.54 0.00	31.35 1.82 0.00	33.44 2.02 0.00	34.12 2.33 0.00	30.05 2.10 0.00	31.98 1.94 0.00	21.32 1.20 0.00	19.62 1.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00

HAMLTNNY_34_KV_TB 80303	16.82 -0.20 0.00	16.46 -0.22 0.00	15.65 -0.21 0.00	14.90 -0.21 0.00	15.84 -0.24 0.00	16.85 -0.23 0.00	21.79 -0.30 0.00	19.98 -0.22 0.00	19.31 -0.20 0.00	17.78 -0.15 0.00	18.87 -0.17 0.00	19.11 -0.14 0.00	18.59 -0.15 0.00	23.97 -0.17 0.00	25.99 -0.20 0.00	24.66 -0.21 0.00	26.80 -0.28 0.00	29.18 -0.35 0.00	30.99 -0.43 0.00	31.48 -0.30 0.00	27.73 -0.22 0.00	29.66 -0.38 0.00	19.97 -0.16 0.00	18.40 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.82 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00
HARDSCRABBLE_WT_PWR 323673	16.82 -0.20 0.00	16.45 -0.22 0.00	15.59 -0.27 0.00	14.83 -0.28 0.00	15.77 -0.32 0.00	16.82 -0.26 0.00	21.79 -0.30 0.00	19.55 -0.65 0.00	18.33 -1.18 0.00	17.10 -0.82 0.00	18.26 -0.78 0.00	18.43 -0.82 0.00	17.93 -0.80 0.00	23.21 -0.94 0.00	25.54 -0.64 0.00	24.46 -0.41 0.00	26.89 -0.20 0.00	29.09 -0.45 0.00	30.91 -0.51 0.00	31.48 -0.30 0.00	27.71 -0.24 0.00	29.70 -0.35 0.00	19.78 -0.35 0.00	18.08 -0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.65 0.63 0.00	17.28 0.60 0.00	16.47 0.61 0.00	15.74 0.63 0.00	16.73 0.64 0.00	17.72 0.64 0.00	22.91 0.82 0.00	21.08 0.88 0.00	20.15 0.64 0.00	18.54 0.61 0.00	19.73 0.69 0.00	19.90 0.65 0.00	19.38 0.64 0.00	25.06 0.92 0.00	27.23 1.05 0.00	25.79 0.92 0.00	28.18 1.10 0.00	30.84 1.31 0.00	32.85 1.43 0.00	33.54 1.76 0.00	29.55 1.60 0.00	31.46 1.41 0.00	20.99 0.87 0.00	19.32 0.78 0.00
HARSNRAD_115KV_TB1 81005	15.97 -1.05 0.00	15.64 -1.03 0.00	14.83 -1.03 0.00	14.01 -1.10 0.00	14.91 -1.18 0.00	15.70 -1.38 0.00	20.13 -1.97 0.00	18.59 -1.61 0.00	18.30 -1.20 0.00	17.03 -0.90 0.00	18.14 -0.90 0.00	18.44 -0.80 0.00	17.92 -0.81 0.00	22.90 -1.24 0.00	24.52 -1.67 0.00	23.42 -1.44 0.00	25.16 -1.93 0.00	26.90 -2.64 0.00	28.30 -3.12 0.00	28.82 -2.96 0.00	25.65 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.05 0.00	17.91 -0.63 0.00
HARZA MOOSE___RIVER 24016	17.25 0.23 0.00	16.87 0.19 0.00	16.05 0.19 0.00	15.28 0.17 0.00	16.28 0.19 0.00	17.34 0.25 0.00	22.46 0.37 0.00	20.42 0.22 0.00	19.57 0.06 0.00	17.98 0.05 0.00	18.97 -0.07 0.00	19.17 -0.07 0.00	18.67 -0.06 0.00	24.12 -0.03 0.00	26.40 0.22 0.00	25.11 0.25 0.00	27.45 0.37 0.00	29.91 0.37 0.00	31.75 0.33 0.00	32.25 0.47 0.00	28.10 0.15 0.00	29.59 -0.46 0.00	19.74 -0.39 0.00	18.14 -0.40 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.69 -0.33 0.00	16.36 -0.32 0.00	15.54 -0.33 0.00	14.79 -0.32 0.00	15.74 -0.34 0.00	16.72 -0.36 0.00	21.62 -0.47 0.00	19.85 -0.35 0.00	19.16 -0.35 0.00	17.63 -0.30 0.00	18.73 -0.31 0.00	18.96 -0.29 0.00	18.44 -0.30 0.00	23.80 -0.35 0.00	25.78 -0.40 0.00	24.47 -0.39 0.00	26.59 -0.49 0.00	28.96 -0.57 0.00	30.76 -0.66 0.00	31.25 -0.54 0.00	27.52 -0.43 0.00	29.44 -0.61 0.00	19.80 -0.33 0.00	18.28 -0.26 0.00
HELLGATE_13_KV_LD 55870	17.81 0.79 0.00	17.45 0.78 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.19 1.10 0.00	21.37 1.18 0.00	20.44 0.93 0.00	19.21 0.85 -0.44	20.07 1.03 0.00	20.20 0.96 0.00	19.65 0.91 0.00	25.41 1.26 0.00	27.64 1.46 0.00	26.14 1.27 0.00	28.53 1.44 0.00	31.19 1.66 0.00	33.19 1.77 0.00	33.91 2.13 0.00	29.89 1.94 0.00	31.82 1.77 0.00	21.19 1.06 0.00	19.52 0.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.81 0.79 0.00	17.45 0.78 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.19 1.10 0.00	21.37 1.18 0.00	20.44 0.93 0.00	19.21 0.85 -0.44	20.07 1.03 0.00	20.20 0.96 0.00	19.65 0.91 0.00	25.41 1.26 0.00	27.64 1.46 0.00	26.14 1.27 0.00	28.53 1.44 0.00	31.19 1.66 0.00	33.19 1.77 0.00	33.91 2.13 0.00	29.89 1.94 0.00	31.82 1.77 0.00	21.19 1.06 0.00	19.52 0.98 0.00
HEMPSTEAD____ 23647	17.89 0.87 0.00	17.56 0.88 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.91 0.82 0.00	17.88 0.80 0.00	23.16 1.07 0.00	21.33 1.13 0.00	20.32 0.81 0.00	18.44 0.66 0.15	20.04 1.00 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.42 1.28 0.00	27.79 1.61 0.00	26.34 1.48 0.00	28.69 1.61 0.00	31.31 1.78 0.00	33.30 1.88 0.00	34.04 2.26 0.00	29.98 2.03 0.00	31.85 1.81 0.00	21.25 1.12 0.00	19.56 1.03 0.00
HEWLETT_69_KV_BK3 55828	17.99 0.97 0.00	17.66 0.98 0.00	16.79 0.93 0.00	16.04 0.93 0.00	17.00 0.92 0.00	17.99 0.91 0.00	23.27 1.18 0.00	21.40 1.20 0.00	20.42 0.91 0.00	18.68 0.77 0.02	20.17 1.14 0.00	20.34 1.09 0.00	19.81 1.07 0.00	25.59 1.44 0.00	27.98 1.80 0.00	26.52 1.65 0.00	28.86 1.77 0.00	31.51 1.98 0.00	33.49 2.07 0.00	34.11 2.33 0.00	30.19 2.24 0.00	32.07 2.02 0.00	21.41 1.29 0.00	19.69 1.16 0.00
HICKLING___1 23621	16.81 -0.21 0.00	16.50 -0.18 0.00	15.62 -0.24 0.00	14.80 -0.31 0.00	15.73 -0.36 0.00	16.63 -0.45 0.00	21.40 -0.70 0.00	19.89 -0.31 0.00	19.22 -0.28 0.00	17.89 -0.04 0.00	19.04 0.00 0.00	19.27 0.03 0.00	18.73 -0.01 0.00	24.14 0.00 0.00	25.92 -0.26 0.00	24.53 -0.33 0.00	26.50 -0.59 0.00	28.67 -0.86 0.00	30.42 -1.00 0.00	31.12 -0.66 0.00	27.32 -0.63 0.00	29.10 -0.94 0.00	19.79 -0.34 0.00	18.39 -0.15 0.00
HICKLING___2 23622	16.81 -0.21 0.00	16.50 -0.18 0.00	15.62 -0.24 0.00	14.80 -0.31 0.00	15.73 -0.36 0.00	16.63 -0.45 0.00	21.40 -0.70 0.00	19.89 -0.31 0.00	19.22 -0.28 0.00	17.89 -0.04 0.00	19.04 0.00 0.00	19.27 0.03 0.00	18.73 -0.01 0.00	24.14 0.00 0.00	25.92 -0.26 0.00	24.53 -0.33 0.00	26.50 -0.59 0.00	28.67 -0.86 0.00	30.42 -1.00 0.00	31.12 -0.66 0.00	27.32 -0.63 0.00	29.10 -0.94 0.00	19.79 -0.34 0.00	18.39 -0.15 0.00
HIGH FALLS___HY 23754	17.80 0.78 0.00	17.46 0.78 0.00	16.63 0.77 0.00	15.89 0.78 0.00	16.89 0.80 0.00	17.91 0.83 0.00	23.21 1.11 0.00	21.38 1.18 0.00	20.41 0.91 0.00	18.74 0.81 0.00	19.95 0.90 0.00	20.15 0.91 0.00	19.57 0.83 0.00	25.35 1.21 0.00	27.53 1.34 0.00	26.10 1.24 0.00	28.54 1.46 0.00	31.20 1.67 0.00	33.24 1.83 0.00	33.97 2.19 0.00	29.95 2.00 0.00	31.86 1.81 0.00	21.25 1.12 0.00	19.54 1.01 0.00
HILLBURN___GT 23639	17.65 0.63 0.00	17.28 0.60 0.00	16.47 0.61 0.00	15.75 0.64 0.00	16.73 0.65 0.00	17.71 0.63 0.00	22.89 0.80 0.00	21.08 0.88 0.00	20.14 0.63 0.00	18.55 0.62 0.00	19.76 0.72 0.00	19.91 0.66 0.00	19.38 0.65 0.00	25.05 0.91 0.00	27.21 1.03 0.00	25.76 0.90 0.00	28.14 1.06 0.00	30.79 1.26 0.00	32.80 1.38 0.00	33.50 1.72 0.00	29.53 1.58 0.00	31.43 1.39 0.00	20.98 0.85 0.00	19.30 0.77 0.00

HILLSIDE_115KV_TB1 80332	16.71 -0.31 0.00	16.41 -0.26 0.00	15.55 -0.31 0.00	14.77 -0.34 0.00	15.69 -0.39 0.00	16.59 -0.48 0.00	21.33 -0.76 0.00	19.81 -0.39 0.00	19.08 -0.43 0.00	17.72 -0.21 0.00	18.84 -0.20 0.00	19.07 -0.17 0.00	18.53 -0.21 0.00	23.89 -0.25 0.00	25.72 -0.47 0.00	24.33 -0.54 0.00	26.33 -0.76 0.00	28.55 -0.98 0.00	30.27 -1.14 0.00	31.03 -0.75 0.00	27.25 -0.69 0.00	29.04 -1.00 0.00	19.72 -0.40 0.00	18.26 -0.28 0.00
HISHELDN_WT_PWR 323625	16.14 -0.87 0.00	15.80 -0.88 0.00	14.96 -0.91 0.00	14.10 -1.01 0.00	14.98 -1.11 0.00	15.79 -1.30 0.00	20.29 -1.81 0.00	18.87 -1.33 0.00	18.53 -0.97 0.00	17.30 -0.63 0.00	18.37 -0.67 0.00	18.67 -0.58 0.00	18.16 -0.58 0.00	23.31 -0.83 0.00	24.93 -1.25 0.00	23.68 -1.18 0.00	25.38 -1.71 0.00	27.26 -2.28 0.00	28.81 -2.61 0.00	29.30 -2.48 0.00	25.88 -2.07 0.00	27.65 -2.40 0.00	19.07 -1.06 0.00	17.95 -0.59 0.00
HOLTSVILLE_IC_1 23690	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
HOLTSVILLE_IC_10 23699	18.24 1.22 0.00	17.92 1.25 0.00	17.01 1.15 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.66 1.57 0.00	21.78 1.58 0.00	20.62 1.11 0.00	18.35 0.71 0.29	20.27 1.23 0.00	20.40 1.16 0.00	19.75 1.01 0.00	25.61 1.47 0.00	27.97 1.79 0.00	26.67 1.81 0.00	29.21 2.13 0.00	31.89 2.36 0.00	33.88 2.47 0.00	34.70 2.93 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.66 1.54 0.00	19.93 1.39 0.00
HOLTSVILLE_IC_2 23691	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
HOLTSVILLE_IC_3 23692	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
HOLTSVILLE_IC_4 23693	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
HOLTSVILLE_IC_5 23694	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
HOLTSVILLE_IC_6 23695	18.24 1.22 0.00	17.92 1.25 0.00	17.01 1.15 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.66 1.57 0.00	21.78 1.58 0.00	20.62 1.11 0.00	18.35 0.71 0.29	20.27 1.23 0.00	20.40 1.16 0.00	19.75 1.01 0.00	25.61 1.47 0.00	27.97 1.79 0.00	26.67 1.81 0.00	29.21 2.13 0.00	31.89 2.36 0.00	33.88 2.47 0.00	34.70 2.93 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.66 1.54 0.00	19.93 1.39 0.00
HOLTSVILLE_IC_7 23696	18.24 1.22 0.00	17.92 1.25 0.00	17.01 1.15 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.66 1.57 0.00	21.78 1.58 0.00	20.62 1.11 0.00	18.35 0.71 0.29	20.27 1.23 0.00	20.40 1.16 0.00	19.75 1.01 0.00	25.61 1.47 0.00	27.97 1.79 0.00	26.67 1.81 0.00	29.21 2.13 0.00	31.89 2.36 0.00	33.88 2.47 0.00	34.70 2.93 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.66 1.54 0.00	19.93 1.39 0.00
HOLTSVILLE_IC_8 23697	18.24 1.22 0.00	17.92 1.25 0.00	17.01 1.15 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.66 1.57 0.00	21.78 1.58 0.00	20.62 1.11 0.00	18.35 0.71 0.29	20.27 1.23 0.00	20.40 1.16 0.00	19.75 1.01 0.00	25.61 1.47 0.00	27.97 1.79 0.00	26.67 1.81 0.00	29.21 2.13 0.00	31.89 2.36 0.00	33.88 2.47 0.00	34.70 2.93 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.66 1.54 0.00	19.93 1.39 0.00
HOLTSVILLE_IC_9 23698	18.24 1.22 0.00	17.92 1.25 0.00	17.01 1.15 0.00	16.28 1.17 0.00	17.23 1.14 0.00	18.18 1.10 0.00	23.66 1.57 0.00	21.78 1.58 0.00	20.62 1.11 0.00	18.35 0.71 0.29	20.27 1.23 0.00	20.40 1.16 0.00	19.75 1.01 0.00	25.61 1.47 0.00	27.97 1.79 0.00	26.67 1.81 0.00	29.21 2.13 0.00	31.89 2.36 0.00	33.88 2.47 0.00	34.70 2.93 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.66 1.54 0.00	19.93 1.39 0.00
HOMER_HL_115KV_TB2 355744	16.88 -0.15 0.00	16.58 -0.10 0.00	15.69 -0.17 0.00	14.86 -0.24 0.00	15.78 -0.31 0.00	16.67 -0.41 0.00	21.40 -0.69 0.00	19.83 -0.37 0.00	19.25 -0.26 0.00	17.86 -0.07 0.00	18.97 -0.07 0.00	19.20 -0.05 0.00	18.61 -0.12 0.00	23.93 -0.22 0.00	25.69 -0.49 0.00	24.44 -0.42 0.00	26.31 -0.78 0.00	28.32 -1.21 0.00	29.99 -1.43 0.00	30.73 -1.05 0.00	27.08 -0.87 0.00	28.91 -1.14 0.00	19.96 -0.16 0.00	18.65 0.12 0.00
HOWARD_WT_PWR 323690	16.38 -0.64 0.00	16.02 -0.66 0.00	15.05 -0.82 0.00	14.09 -1.02 0.00	14.98 -1.11 0.00	15.78 -1.30 0.00	20.35 -1.74 0.00	18.98 -1.21 0.00	18.78 -0.72 0.00	17.86 -0.07 0.00	18.95 -0.09 0.00	19.18 -0.07 0.00	18.65 -0.08 0.00	24.03 -0.11 0.00	25.44 -0.74 0.00	24.11 -0.75 0.00	25.70 -1.39 0.00	27.55 -1.98 0.00	29.38 -2.04 0.00	29.78 -2.01 0.00	25.93 -2.02 0.00	27.49 -2.56 0.00	18.99 -1.14 0.00	18.04 -0.49 0.00
HQ_GEN_CEDARS 23644	17.14 0.12 0.00	16.79 0.11 0.00	15.96 0.10 0.00	15.17 0.06 0.00	16.18 0.09 0.00	17.20 0.12 0.00	22.34 0.24 0.00	20.33 0.13 0.00	19.75 0.25 0.00	18.17 0.25 0.00	19.27 0.23 0.00	19.47 0.22 0.00	18.97 0.24 0.00	24.35 0.20 0.00	26.38 0.19 0.00	25.11 0.25 0.00	27.27 0.18 0.00	29.69 0.15 0.00	31.68 0.26 0.00	31.85 0.07 0.00	27.89 -0.06 0.00	30.19 0.14 0.00	20.16 0.03 0.00	18.51 -0.03 0.00

HQ_GEN_CEDARS_PROXY 323590	17.14 0.12 0.00	16.79 0.11 0.00	15.96 0.10 0.00	15.17 0.06 0.00	16.18 0.09 0.00	17.20 0.12 0.00	22.34 0.24 0.00	20.33 0.13 0.00	19.76 0.25 0.00	18.17 0.25 0.00	19.27 0.23 0.00	19.47 0.22 0.00	18.97 0.24 0.00	24.35 0.20 0.00	26.38 0.19 0.00	25.11 0.25 0.00	27.27 0.18 0.00	29.69 0.15 0.00	31.68 0.26 0.00	31.85 0.07 0.00	27.89 -0.06 0.00	30.19 0.14 0.00	20.16 0.03 0.00	18.51 -0.03 0.00
HQ_GEN_IMPORT 323601	17.08 0.06 0.00	16.73 0.06 0.00	15.91 0.05 0.00	15.13 0.02 0.00	16.12 0.04 0.00	17.12 0.04 0.00	22.18 0.09 0.00	20.20 0.01 0.00	19.64 0.13 0.00	18.05 0.12 0.00	19.17 0.13 0.00	19.38 0.14 0.00	18.88 0.14 0.00	24.27 0.12 0.00	26.30 0.12 0.00	25.00 0.13 0.00	27.18 0.09 0.00	29.57 0.03 0.00	31.46 0.04 0.00	31.64 -0.14 0.00	27.79 -0.16 0.00	30.09 0.04 0.00	20.14 0.01 0.00	18.52 -0.02 0.00
HQ_GEN_WHEEL 23651	17.08 0.06 0.00	16.73 0.06 0.00	15.91 0.05 0.00	15.13 0.02 0.00	16.12 0.04 0.00	17.12 0.04 0.00	22.18 0.09 0.00	20.20 0.01 0.00	19.64 0.13 0.00	18.05 0.12 0.00	19.17 0.13 0.00	19.38 0.14 0.00	18.88 0.14 0.00	24.27 0.12 0.00	26.30 0.12 0.00	25.00 0.13 0.00	27.18 0.09 0.00	29.57 0.03 0.00	31.46 0.04 0.00	31.64 -0.14 0.00	27.79 -0.16 0.00	30.09 0.04 0.00	20.14 0.01 0.00	18.52 -0.02 0.00
HUDSON_AVE_GT_3 23810	17.82 0.80 0.00	17.45 0.78 0.00	16.67 0.81 0.00	15.94 0.83 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.17 1.08 0.00	21.36 1.16 0.00	20.43 0.93 0.00	19.20 0.88 -0.39	20.06 1.02 0.00	20.22 0.97 0.00	19.66 0.92 0.00	25.41 1.27 0.00	27.64 1.46 0.00	26.14 1.28 0.00	28.53 1.44 0.00	31.20 1.67 0.00	33.21 1.79 0.00	33.92 2.13 0.00	29.90 1.95 0.00	31.81 1.77 0.00	21.19 1.06 0.00	19.52 0.99 0.00
HUDSON_AVE_GT_4 23540	17.82 0.80 0.00	17.45 0.78 0.00	16.67 0.81 0.00	15.94 0.83 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.17 1.08 0.00	21.36 1.16 0.00	20.43 0.93 0.00	19.20 0.88 -0.39	20.06 1.02 0.00	20.22 0.97 0.00	19.66 0.92 0.00	25.41 1.27 0.00	27.64 1.46 0.00	26.14 1.28 0.00	28.53 1.44 0.00	31.20 1.67 0.00	33.21 1.79 0.00	33.92 2.13 0.00	29.90 1.95 0.00	31.81 1.77 0.00	21.19 1.06 0.00	19.52 0.99 0.00
HUDSON_AVE_GT_5 23657	17.82 0.80 0.00	17.45 0.78 0.00	16.67 0.81 0.00	15.94 0.83 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.17 1.08 0.00	21.36 1.16 0.00	20.43 0.93 0.00	19.20 0.88 -0.39	20.06 1.02 0.00	20.22 0.97 0.00	19.66 0.92 0.00	25.41 1.27 0.00	27.64 1.46 0.00	26.14 1.28 0.00	28.53 1.44 0.00	31.20 1.67 0.00	33.21 1.79 0.00	33.92 2.13 0.00	29.90 1.95 0.00	31.81 1.77 0.00	21.19 1.06 0.00	19.52 0.99 0.00
HUDSON_AVE_10 24168	17.77 0.75 0.00	17.41 0.74 0.00	16.64 0.77 0.00	15.91 0.80 0.00	16.89 0.80 0.00	17.87 0.79 0.00	23.11 1.02 0.00	21.31 1.11 0.00	20.37 0.87 0.00	19.15 0.83 -0.39	19.98 0.94 0.00	20.15 0.90 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.04 1.18 0.00	28.44 1.36 0.00	31.10 1.57 0.00	33.11 1.69 0.00	33.82 2.04 0.00	29.81 1.87 0.00	31.73 1.68 0.00	21.10 0.98 0.00	19.46 0.92 0.00
HUDSON___115KV_TB 4 355613	17.46 0.44 0.00	17.13 0.45 0.00	16.30 0.44 0.00	15.59 0.47 0.00	16.59 0.50 0.00	17.65 0.57 0.00	22.83 0.73 0.00	20.83 0.63 0.00	19.91 0.40 0.00	18.16 0.23 0.00	19.12 0.08 0.00	19.26 0.01 0.00	18.79 0.06 0.00	24.29 0.15 0.00	26.46 0.28 0.00	25.07 0.21 0.00	27.66 0.58 0.00	30.44 0.91 0.00	32.52 1.11 0.00	33.00 1.22 0.00	29.00 1.05 0.00	31.01 0.96 0.00	20.70 0.58 0.00	19.04 0.50 0.00
HUNTER MOUNT___DRP 323613	17.55 0.53 0.00	17.21 0.53 0.00	16.37 0.51 0.00	15.66 0.54 0.00	16.67 0.59 0.00	17.76 0.69 0.00	22.98 0.89 0.00	20.95 0.76 0.00	20.00 0.49 0.00	18.18 0.25 0.00	19.13 0.09 0.00	19.25 0.01 0.00	18.79 0.06 0.00	24.26 0.12 0.00	26.44 0.26 0.00	25.09 0.23 0.00	27.76 0.68 0.00	30.61 1.08 0.00	32.74 1.32 0.00	33.19 1.40 0.00	29.14 1.19 0.00	31.17 1.13 0.00	20.81 0.68 0.00	19.13 0.59 0.00
HUNTINGTON_RES_REC 323705	17.97 0.95 0.00	17.67 0.99 0.00	16.78 0.92 0.00	16.05 0.94 0.00	16.96 0.88 0.00	17.89 0.81 0.00	23.20 1.11 0.00	21.37 1.17 0.00	20.27 0.77 0.00	18.16 0.51 0.29	20.05 1.01 0.00	20.24 1.00 0.00	19.65 0.91 0.00	25.45 1.30 0.00	27.82 1.64 0.00	26.44 1.57 0.00	28.80 1.71 0.00	31.42 1.88 0.00	33.36 1.95 0.00	34.15 2.37 0.00	30.06 2.11 0.00	31.93 1.89 0.00	21.31 1.18 0.00	19.64 1.10 0.00
HUNTLEY___63 23557	16.08 -0.94 0.00	15.76 -0.92 0.00	14.94 -0.92 0.00	14.12 -0.99 0.00	15.01 -1.07 0.00	15.83 -1.25 0.00	20.31 -1.79 0.00	18.76 -1.43 0.00	18.47 -1.03 0.00	17.21 -0.72 0.00	18.33 -0.71 0.00	18.62 -0.62 0.00	18.09 -0.64 0.00	23.12 -1.02 0.00	24.78 -1.40 0.00	23.65 -1.22 0.00	25.40 -1.69 0.00	27.17 -2.37 0.00	28.58 -2.84 0.00	29.11 -2.67 0.00	25.88 -2.07 0.00	27.79 -2.26 0.00	19.24 -0.88 0.00	18.05 -0.49 0.00
HUNTLEY___64 23558	16.08 -0.94 0.00	15.76 -0.92 0.00	14.94 -0.92 0.00	14.12 -0.99 0.00	15.01 -1.07 0.00	15.83 -1.25 0.00	20.31 -1.79 0.00	18.76 -1.43 0.00	18.47 -1.03 0.00	17.21 -0.72 0.00	18.33 -0.71 0.00	18.62 -0.62 0.00	18.09 -0.64 0.00	23.12 -1.02 0.00	24.78 -1.40 0.00	23.65 -1.22 0.00	25.40 -1.69 0.00	27.17 -2.37 0.00	28.58 -2.84 0.00	29.11 -2.67 0.00	25.88 -2.07 0.00	27.79 -2.26 0.00	19.24 -0.88 0.00	18.05 -0.49 0.00
HUNTLEY___65 23559	16.08 -0.94 0.00	15.76 -0.92 0.00	14.94 -0.92 0.00	14.12 -0.99 0.00	15.01 -1.07 0.00	15.83 -1.25 0.00	20.31 -1.79 0.00	18.76 -1.43 0.00	18.47 -1.03 0.00	17.21 -0.72 0.00	18.33 -0.71 0.00	18.62 -0.62 0.00	18.09 -0.64 0.00	23.12 -1.02 0.00	24.78 -1.40 0.00	23.65 -1.22 0.00	25.40 -1.69 0.00	27.17 -2.37 0.00	28.58 -2.84 0.00	29.11 -2.67 0.00	25.88 -2.07 0.00	27.79 -2.26 0.00	19.24 -0.88 0.00	18.05 -0.49 0.00
HUNTLEY___66 23560	16.08 -0.94 0.00	15.76 -0.92 0.00	14.94 -0.92 0.00	14.12 -0.99 0.00	15.01 -1.07 0.00	15.83 -1.25 0.00	20.31 -1.79 0.00	18.76 -1.43 0.00	18.47 -1.03 0.00	17.21 -0.72 0.00	18.33 -0.71 0.00	18.62 -0.62 0.00	18.09 -0.64 0.00	23.12 -1.02 0.00	24.78 -1.40 0.00	23.65 -1.22 0.00	25.40 -1.69 0.00	27.17 -2.37 0.00	28.58 -2.84 0.00	29.11 -2.67 0.00	25.88 -2.07 0.00	27.79 -2.26 0.00	19.24 -0.88 0.00	18.05 -0.49 0.00
HUNTLEY___67 23561	16.04 -0.98 0.00	15.71 -0.97 0.00	14.88 -0.98 0.00	14.08 -1.04 0.00	14.96 -1.12 0.00	15.80 -1.28 0.00	20.28 -1.81 0.00	18.73 -1.47 0.00	18.40 -1.11 0.00	17.11 -0.82 0.00	18.21 -0.83 0.00	18.50 -0.74 0.00	17.98 -0.76 0.00	23.03 -1.12 0.00	24.70 -1.48 0.00	23.57 -1.29 0.00	25.31 -1.78 0.00	27.10 -2.43 0.00	28.53 -2.89 0.00	29.07 -2.71 0.00	25.83 -2.12 0.00	27.72 -2.33 0.00	19.18 -0.95 0.00	17.97 -0.56 0.00



HUNTLEY___68 23562	16.04 -0.98 0.00	15.71 -0.97 0.00	14.88 -0.98 0.00	14.08 -1.04 0.00	14.96 -1.12 0.00	15.80 -1.28 0.00	20.28 -1.81 0.00	18.73 -1.47 0.00	18.40 -1.11 0.00	17.11 -0.82 0.00	18.21 -0.83 0.00	18.50 -0.74 0.00	17.98 -0.76 0.00	23.03 -1.12 0.00	24.70 -1.48 0.00	23.57 -1.29 0.00	25.31 -1.78 0.00	27.10 -2.43 0.00	28.53 -2.89 0.00	29.07 -2.71 0.00	25.83 -2.12 0.00	27.72 -2.33 0.00	19.18 -0.95 0.00	17.97 -0.56 0.00
HYLAND___LFGE 323620	17.12 0.10 0.00	16.75 0.08 0.00	15.85 -0.02 0.00	14.96 -0.15 0.00	15.95 -0.14 0.00	16.90 -0.18 0.00	21.85 -0.24 0.00	20.30 0.10 0.00	19.69 0.18 0.00	18.45 0.52 0.00	19.51 0.47 0.00	19.65 0.40 0.00	19.18 0.45 0.00	24.42 0.28 0.00	26.28 0.10 0.00	24.95 0.08 0.00	26.68 -0.40 0.00	28.60 -0.94 0.00	30.60 -0.81 0.00	31.45 -0.33 0.00	27.99 0.04 0.00	29.89 -0.15 0.00	20.36 0.24 0.00	19.00 0.46 0.00
INDECK___CORINTH 23802	17.33 0.31 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.48 0.37 0.00	16.50 0.41 0.00	17.65 0.57 0.00	22.87 0.77 0.00	20.91 0.71 0.00	19.80 0.30 0.00	18.03 0.10 0.00	19.08 0.04 0.00	19.24 0.00 0.00	18.68 -0.06 0.00	24.15 0.01 0.00	26.29 0.11 0.00	25.05 0.18 0.00	27.50 0.41 0.00	30.48 0.94 0.00	32.59 1.17 0.00	33.09 1.31 0.00	29.12 1.17 0.00	31.05 1.00 0.00	20.62 0.50 0.00	18.94 0.40 0.00
INDECK___ILION 23567	16.97 -0.06 0.00	16.62 -0.06 0.00	15.80 -0.06 0.00	15.07 -0.04 0.00	16.03 -0.05 0.00	17.06 -0.03 0.00	22.07 -0.02 0.00	20.08 -0.12 0.00	19.15 -0.36 0.00	17.66 -0.27 0.00	18.77 -0.27 0.00	18.95 -0.29 0.00	18.45 -0.29 0.00	23.82 -0.32 0.00	25.97 -0.21 0.00	24.72 -0.14 0.00	27.08 0.00 0.00	29.56 0.02 0.00	31.47 0.05 0.00	31.96 0.18 0.00	28.12 0.17 0.00	30.12 0.07 0.00	20.11 -0.02 0.00	18.47 -0.06 0.00
INDECK___OLEAN 23982	16.88 -0.15 0.00	16.58 -0.10 0.00	15.71 -0.15 0.00	14.87 -0.24 0.00	15.80 -0.29 0.00	16.68 -0.40 0.00	21.40 -0.69 0.00	19.83 -0.37 0.00	19.25 -0.26 0.00	17.86 -0.07 0.00	18.97 -0.07 0.00	19.20 -0.05 0.00	18.61 -0.13 0.00	23.93 -0.22 0.00	25.69 -0.49 0.00	24.44 -0.42 0.00	26.31 -0.78 0.00	28.32 -1.21 0.00	29.98 -1.43 0.00	30.72 -1.06 0.00	27.08 -0.87 0.00	28.91 -1.13 0.00	19.96 -0.17 0.00	18.66 0.12 0.00
INDECK___OSWEGO 23783	16.52 -0.51 0.00	16.18 -0.50 0.00	15.38 -0.48 0.00	14.64 -0.47 0.00	15.58 -0.50 0.00	16.56 -0.53 0.00	21.41 -0.69 0.00	19.62 -0.58 0.00	18.92 -0.59 0.00	17.40 -0.53 0.00	18.45 -0.59 0.00	18.67 -0.57 0.00	18.18 -0.56 0.00	23.46 -0.69 0.00	25.44 -0.74 0.00	24.16 -0.71 0.00	26.28 -0.80 0.00	28.65 -0.88 0.00	30.44 -0.98 0.00	30.92 -0.87 0.00	27.20 -0.75 0.00	29.07 -0.98 0.00	19.52 -0.60 0.00	18.01 -0.53 0.00
INDECK___YERKES 23781	16.10 -0.92 0.00	15.78 -0.90 0.00	14.98 -0.88 0.00	14.13 -0.98 0.00	15.06 -1.03 0.00	15.86 -1.22 0.00	20.33 -1.76 0.00	18.79 -1.41 0.00	18.49 -1.01 0.00	17.23 -0.70 0.00	18.35 -0.69 0.00	18.64 -0.60 0.00	18.12 -0.61 0.00	23.15 -1.00 0.00	24.82 -1.36 0.00	23.67 -1.19 0.00	25.43 -1.66 0.00	27.21 -2.33 0.00	28.62 -2.80 0.00	29.15 -2.64 0.00	25.92 -2.04 0.00	27.82 -2.23 0.00	19.26 -0.87 0.00	18.07 -0.46 0.00
INDIAN POINT_GT_1 24139	17.69 0.68 0.00	17.34 0.66 0.00	16.53 0.66 0.00	15.80 0.69 0.00	16.78 0.69 0.00	17.77 0.69 0.00	22.98 0.89 0.00	21.16 0.96 0.00	20.22 0.71 0.00	18.60 0.66 -0.01	19.84 0.79 0.00	19.99 0.75 0.00	19.46 0.72 0.00	25.15 1.01 0.00	27.35 1.16 0.00	25.89 1.02 0.00	28.28 1.19 0.00	30.95 1.42 0.00	32.98 1.56 0.00	33.65 1.87 0.00	29.65 1.70 0.00	31.57 1.52 0.00	21.05 0.92 0.00	19.39 0.85 0.00
INDIAN POINT_GT_2 23659	17.69 0.68 0.00	17.34 0.66 0.00	16.53 0.66 0.00	15.80 0.69 0.00	16.78 0.69 0.00	17.77 0.69 0.00	22.98 0.89 0.00	21.16 0.96 0.00	20.22 0.71 0.00	18.60 0.66 -0.01	19.84 0.79 0.00	19.99 0.75 0.00	19.46 0.72 0.00	25.15 1.01 0.00	27.35 1.16 0.00	25.89 1.02 0.00	28.28 1.19 0.00	30.95 1.42 0.00	32.98 1.56 0.00	33.65 1.87 0.00	29.65 1.70 0.00	31.57 1.52 0.00	21.05 0.92 0.00	19.39 0.85 0.00
INDIAN POINT_GT_3 24019	17.69 0.68 0.00	17.34 0.66 0.00	16.53 0.66 0.00	15.80 0.69 0.00	16.78 0.69 0.00	17.77 0.69 0.00	22.98 0.89 0.00	21.16 0.96 0.00	20.22 0.71 0.00	18.60 0.66 -0.01	19.84 0.79 0.00	19.99 0.75 0.00	19.46 0.72 0.00	25.15 1.01 0.00	27.35 1.16 0.00	25.89 1.02 0.00	28.28 1.19 0.00	30.95 1.42 0.00	32.98 1.56 0.00	33.65 1.87 0.00	29.65 1.70 0.00	31.57 1.52 0.00	21.05 0.92 0.00	19.39 0.85 0.00
INDIAN POINT___2 23530	17.71 0.69 0.00	17.35 0.67 0.00	16.53 0.67 0.00	15.82 0.70 0.00	16.79 0.70 0.00	17.77 0.69 0.00	22.99 0.90 0.00	21.17 0.98 0.00	20.23 0.73 0.00	18.62 0.68 -0.01	19.86 0.81 0.00	20.01 0.77 0.00	19.48 0.74 0.00	25.17 1.03 0.00	27.38 1.19 0.00	25.91 1.05 0.00	28.30 1.22 0.00	30.97 1.43 0.00	33.00 1.58 0.00	33.67 1.89 0.00	29.67 1.72 0.00	31.58 1.54 0.00	21.06 0.93 0.00	19.40 0.86 0.00
INDIAN POINT___3 23531	17.64 0.62 0.00	17.28 0.60 0.00	16.47 0.61 0.00	15.75 0.64 0.00	16.73 0.64 0.00	17.72 0.63 0.00	22.90 0.80 0.00	21.08 0.88 0.00	20.14 0.63 0.00	18.52 0.59 0.00	19.75 0.71 0.00	19.91 0.66 0.00	19.38 0.65 0.00	25.04 0.90 0.00	27.22 1.03 0.00	25.76 0.90 0.00	28.14 1.06 0.00	30.81 1.28 0.00	32.82 1.40 0.00	33.51 1.72 0.00	29.52 1.57 0.00	31.43 1.39 0.00	20.96 0.84 0.00	19.31 0.77 0.00
INGHAM_C_115KV_TB7 356103	16.74 -0.28 0.00	16.39 -0.29 0.00	15.57 -0.30 0.00	14.85 -0.26 0.00	15.79 -0.29 0.00	16.85 -0.23 0.00	21.81 -0.28 0.00	19.67 -0.53 0.00	18.47 -1.04 0.00	17.16 -0.77 0.00	18.26 -0.77 0.00	18.43 -0.82 0.00	17.92 -0.81 0.00	23.20 -0.94 0.00	25.49 -0.70 0.00	24.33 -0.53 0.00	26.83 -0.26 0.00	29.26 -0.28 0.00	31.18 -0.24 0.00	31.80 0.01 0.00	27.99 0.04 0.00	29.93 -0.12 0.00	19.92 -0.21 0.00	18.23 -0.30 0.00
IP CORINTH___1 23988	17.33 0.31 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.48 0.37 0.00	16.50 0.41 0.00	17.65 0.57 0.00	22.87 0.77 0.00	20.91 0.71 0.00	19.80 0.30 0.00	18.03 0.10 0.00	19.08 0.04 0.00	19.24 0.00 0.00	18.68 -0.06 0.00	24.15 0.01 0.00	26.29 0.11 0.00	25.05 0.18 0.00	27.50 0.41 0.00	30.48 0.94 0.00	32.59 1.17 0.00	33.09 1.31 0.00	29.12 1.17 0.00	31.05 1.00 0.00	20.62 0.50 0.00	18.94 0.41 0.00
IP___TICONDEROGA 23804	17.77 0.75 0.00	17.43 0.75 0.00	16.60 0.74 0.00	15.98 0.87 0.00	17.09 1.00 0.00	18.46 1.38 0.00	23.94 1.85 0.00	21.86 1.66 0.00	20.24 0.73 0.00	18.32 0.39 0.00	19.39 0.35 0.00	19.56 0.32 0.00	18.80 0.07 0.00	24.33 0.19 0.00	26.57 0.38 0.00	25.36 0.50 0.00	27.92 0.83 0.00	31.53 2.00 0.00	33.71 2.29 0.00	34.30 2.52 0.00	30.28 2.33 0.00	32.02 1.98 0.00	21.12 0.99 0.00	19.39 0.86 0.00

ISLIP_RES_REC 323679	18.30 1.28 0.00	17.98 1.30 0.00	17.07 1.21 0.00	16.32 1.21 0.00	17.27 1.19 0.00	18.24 1.16 0.00	23.74 1.65 0.00	21.85 1.65 0.00	20.68 1.18 0.00	18.41 0.77 0.29	20.33 1.29 0.00	20.48 1.23 0.00	19.81 1.07 0.00	25.69 1.54 0.00	28.07 1.88 0.00	26.79 1.92 0.00	29.34 2.26 0.00	32.04 2.50 0.00	34.03 2.62 0.00	34.85 3.07 0.00	30.67 2.72 0.00	32.56 2.51 0.00	21.74 1.62 0.00	19.99 1.46 0.00
JAMAICA__27_KV_LOAD 355505	17.87 0.85 0.00	17.53 0.85 0.00	16.76 0.90 0.00	16.04 0.93 0.00	17.03 0.95 0.00	18.02 0.94 0.00	23.28 1.19 0.00	21.44 1.24 0.00	20.48 0.97 0.00	19.26 0.94 -0.39	20.01 0.98 0.00	20.22 0.98 0.00	19.66 0.93 0.00	25.40 1.26 0.00	27.63 1.44 0.00	26.12 1.26 0.00	28.58 1.49 0.00	31.25 1.72 0.00	33.28 1.87 0.00	34.00 2.22 0.00	29.97 2.02 0.00	31.91 1.87 0.00	21.18 1.06 0.00	19.55 1.01 0.00
JANIS____SOLAR 323808	17.55 0.53 0.00	17.18 0.51 0.00	16.35 0.49 0.00	15.54 0.43 0.00	16.52 0.43 0.00	17.52 0.44 0.00	22.65 0.55 0.00	20.78 0.58 0.00	19.93 0.42 0.00	18.25 0.33 0.00	19.20 0.15 0.00	19.67 0.43 0.00	19.23 0.50 0.00	24.88 0.74 0.00	27.03 0.85 0.00	25.64 0.77 0.00	27.67 0.58 0.00	30.20 0.67 0.00	32.06 0.64 0.00	32.61 0.83 0.00	28.70 0.75 0.00	30.50 0.46 0.00	20.55 0.42 0.00	18.97 0.44 0.00
JARVIS____ 23743	17.05 0.03 0.00	16.71 0.03 0.00	15.90 0.03 0.00	15.16 0.05 0.00	16.13 0.05 0.00	17.12 0.05 0.00	22.15 0.05 0.00	20.26 0.06 0.00	19.51 0.00 0.00	17.92 -0.01 0.00	19.02 -0.02 0.00	19.22 -0.02 0.00	18.71 -0.02 0.00	24.14 -0.01 0.00	26.20 0.02 0.00	24.88 0.01 0.00	27.14 0.05 0.00	29.62 0.09 0.00	31.51 0.09 0.00	31.94 0.15 0.00	28.08 0.14 0.00	30.11 0.07 0.00	20.16 0.03 0.00	18.56 0.03 0.00
JENNISON____1 23625	17.58 0.56 0.00	17.22 0.54 0.00	16.39 0.53 0.00	15.59 0.47 0.00	16.53 0.44 0.00	17.37 0.29 0.00	22.31 0.22 0.00	20.43 0.24 0.00	19.61 0.10 0.00	18.05 0.12 0.00	19.15 0.11 0.00	19.71 0.47 0.00	19.32 0.58 0.00	24.99 0.85 0.00	27.06 0.88 0.00	25.58 0.72 0.00	27.44 0.35 0.00	29.87 0.34 0.00	31.59 0.17 0.00	31.97 0.19 0.00	28.18 0.22 0.00	29.90 -0.15 0.00	20.13 0.01 0.00	18.64 0.11 0.00
JENNISON____2 23626	17.58 0.56 0.00	17.22 0.54 0.00	16.39 0.53 0.00	15.59 0.47 0.00	16.53 0.44 0.00	17.37 0.29 0.00	22.31 0.22 0.00	20.43 0.24 0.00	19.61 0.10 0.00	18.05 0.12 0.00	19.15 0.11 0.00	19.71 0.47 0.00	19.32 0.58 0.00	24.99 0.85 0.00	27.06 0.88 0.00	25.58 0.72 0.00	27.44 0.35 0.00	29.87 0.34 0.00	31.59 0.17 0.00	31.97 0.19 0.00	28.18 0.22 0.00	29.90 -0.15 0.00	20.13 0.01 0.00	18.64 0.11 0.00
JERICHO_RISE_WT_PWR 323719	17.34 0.32 0.00	16.96 0.29 0.00	16.14 0.28 0.00	15.35 0.24 0.00	16.35 0.26 0.00	17.46 0.38 0.00	22.74 0.65 0.00	20.66 0.47 0.00	19.94 0.44 0.00	18.32 0.39 0.00	19.52 0.48 0.00	19.75 0.51 0.00	19.25 0.52 0.00	24.62 0.47 0.00	26.62 0.44 0.00	25.34 0.47 0.00	27.38 0.30 0.00	29.67 0.13 0.00	31.78 0.36 0.00	31.68 -0.10 0.00	27.41 -0.54 0.00	29.63 -0.41 0.00	19.65 -0.48 0.00	17.95 -0.58 0.00
KATONAH__115KV_46KV_TB4 355592	17.73 0.71 0.00	17.38 0.70 0.00	16.56 0.70 0.00	15.84 0.72 0.00	16.82 0.73 0.00	17.83 0.75 0.00	23.07 0.97 0.00	21.24 1.04 0.00	20.30 0.79 0.00	18.65 0.72 0.00	19.90 0.85 0.00	20.06 0.82 0.00	19.52 0.78 0.00	25.22 1.08 0.00	27.43 1.24 0.00	25.98 1.11 0.00	28.38 1.29 0.00	31.08 1.54 0.00	33.13 1.72 0.00	33.80 2.02 0.00	29.77 1.82 0.00	31.70 1.65 0.00	21.13 1.00 0.00	19.46 0.92 0.00
KCE_NY_1 323755	17.51 0.49 0.00	17.17 0.49 0.00	16.33 0.47 0.00	15.63 0.52 0.00	16.64 0.55 0.00	17.74 0.66 0.00	22.97 0.87 0.00	21.00 0.80 0.00	19.99 0.49 0.00	18.24 0.31 0.00	19.31 0.27 0.00	19.47 0.22 0.00	18.94 0.20 0.00	24.49 0.34 0.00	26.63 0.45 0.00	25.34 0.48 0.00	27.77 0.68 0.00	30.62 1.09 0.00	32.77 1.35 0.00	33.19 1.41 0.00	29.24 1.29 0.00	31.25 1.20 0.00	20.82 0.69 0.00	19.15 0.61 0.00
KCE_NY_6_ESR 323823	16.26 -0.76 0.00	15.92 -0.76 0.00	15.11 -0.76 0.00	14.25 -0.86 0.00	15.16 -0.92 0.00	16.00 -1.08 0.00	20.56 -1.53 0.00	19.02 -1.18 0.00	18.66 -0.84 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.78 -0.46 0.00	18.24 -0.50 0.00	23.39 -0.75 0.00	25.11 -1.07 0.00	23.92 -0.94 0.00	25.67 -1.42 0.00	27.52 -2.01 0.00	28.99 -2.43 0.00	29.55 -2.23 0.00	26.21 -1.74 0.00	28.08 -1.96 0.00	19.42 -0.71 0.00	18.17 -0.36 0.00
KEDC_PORT_JEFF_GT2 24210	18.19 1.17 0.00	17.89 1.21 0.00	16.98 1.12 0.00	16.25 1.14 0.00	17.19 1.11 0.00	18.15 1.07 0.00	23.60 1.50 0.00	21.72 1.52 0.00	20.52 1.01 0.00	18.28 0.64 0.29	20.24 1.20 0.00	20.37 1.14 0.00	19.73 0.99 0.00	25.57 1.43 0.00	27.93 1.75 0.00	26.62 1.76 0.00	29.14 2.06 0.00	31.81 2.28 0.00	33.72 2.31 0.00	34.54 2.76 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.61 1.49 0.00	19.89 1.35 0.00
KEDC_PORT_JEFF_GT3 24211	18.19 1.17 0.00	17.89 1.21 0.00	16.98 1.12 0.00	16.25 1.14 0.00	17.19 1.11 0.00	18.15 1.07 0.00	23.60 1.50 0.00	21.72 1.52 0.00	20.52 1.01 0.00	18.28 0.64 0.29	20.24 1.20 0.00	20.37 1.14 0.00	19.73 0.99 0.00	25.57 1.43 0.00	27.93 1.75 0.00	26.62 1.76 0.00	29.14 2.06 0.00	31.81 2.28 0.00	33.72 2.31 0.00	34.54 2.76 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.61 1.49 0.00	19.89 1.35 0.00
KEDC_GLWD_GT4 24219	17.96 0.94 0.00	17.63 0.95 0.00	16.76 0.90 0.00	16.02 0.91 0.00	16.97 0.89 0.00	17.95 0.87 0.00	23.25 1.16 0.00	21.42 1.22 0.00	20.42 0.92 0.00	18.59 0.77 0.11	20.15 1.11 0.00	20.33 1.09 0.00	19.78 1.04 0.00	25.56 1.42 0.00	27.94 1.76 0.00	26.46 1.60 0.00	28.83 1.74 0.00	31.47 1.93 0.00	33.45 2.04 0.00	34.19 2.41 0.00	30.13 2.18 0.00	32.02 1.98 0.00	21.35 1.23 0.00	19.66 1.12 0.00
KEDC_GLWD_GT5 24220	17.96 0.94 0.00	17.63 0.95 0.00	16.76 0.90 0.00	16.02 0.91 0.00	16.97 0.89 0.00	17.95 0.87 0.00	23.25 1.16 0.00	21.42 1.22 0.00	20.42 0.92 0.00	18.59 0.77 0.11	20.15 1.11 0.00	20.33 1.09 0.00	19.78 1.04 0.00	25.56 1.42 0.00	27.94 1.76 0.00	26.46 1.60 0.00	28.83 1.74 0.00	31.47 1.93 0.00	33.45 2.04 0.00	34.19 2.41 0.00	30.13 2.18 0.00	32.02 1.98 0.00	21.35 1.23 0.00	19.66 1.12 0.00
KENSICO____ 23655	17.70 0.69 0.00	17.35 0.67 0.00	16.53 0.67 0.00	15.81 0.70 0.00	16.79 0.70 0.00	17.78 0.70 0.00	22.99 0.90 0.00	21.17 0.97 0.00	20.23 0.73 0.00	18.61 0.67 -0.01	19.85 0.81 0.00	20.01 0.76 0.00	19.48 0.74 0.00	25.17 1.02 0.00	27.36 1.18 0.00	25.90 1.04 0.00	28.29 1.21 0.00	30.96 1.43 0.00	32.98 1.56 0.00	33.66 1.88 0.00	29.66 1.71 0.00	31.58 1.53 0.00	21.05 0.93 0.00	19.40 0.86 0.00



LITTLRIV_115KV_TB1 356100	17.05 0.03 0.00	16.69 0.01 0.00	15.87 0.00 0.00	15.08 -0.03 0.00	16.09 0.01 0.00	17.15 0.07 0.00	22.33 0.23 0.00	20.28 0.08 0.00	19.49 -0.02 0.00	17.82 -0.11 0.00	19.03 -0.01 0.00	19.19 -0.05 0.00	18.72 -0.01 0.00	24.00 -0.14 0.00	26.05 -0.14 0.00	24.83 -0.03 0.00	27.00 -0.08 0.00	29.30 -0.24 0.00	31.38 -0.04 0.00	31.59 -0.19 0.00	27.66 -0.28 0.00	29.84 -0.21 0.00	19.86 -0.26 0.00	18.19 -0.34 0.00
LI_NEWBRDGE___DRP 323616	17.84 0.82 0.00	17.52 0.84 0.00	16.66 0.80 0.00	15.93 0.82 0.00	16.87 0.78 0.00	17.83 0.75 0.00	23.09 1.00 0.00	21.26 1.06 0.00	20.25 0.75 0.00	18.23 0.61 0.31	19.98 0.94 0.00	20.15 0.90 0.00	19.60 0.87 0.00	25.33 1.19 0.00	27.65 1.47 0.00	26.22 1.35 0.00	28.58 1.49 0.00	31.19 1.66 0.00	33.17 1.76 0.00	33.91 2.12 0.00	29.87 1.92 0.00	31.75 1.70 0.00	21.18 1.05 0.00	19.51 0.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.97 -1.05 0.00	15.64 -1.03 0.00	14.83 -1.03 0.00	14.02 -1.09 0.00	14.91 -1.18 0.00	15.69 -1.39 0.00	20.12 -1.97 0.00	18.58 -1.62 0.00	18.30 -1.20 0.00	17.04 -0.89 0.00	18.15 -0.89 0.00	18.45 -0.79 0.00	17.93 -0.81 0.00	22.90 -1.25 0.00	24.51 -1.68 0.00	23.42 -1.45 0.00	25.16 -1.93 0.00	26.90 -2.64 0.00	28.28 -3.14 0.00	28.81 -2.97 0.00	25.64 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.06 0.00	17.91 -0.62 0.00
LOCKPORT___CC1 323769	15.97 -1.05 0.00	15.65 -1.03 0.00	14.85 -1.01 0.00	14.01 -1.10 0.00	14.92 -1.16 0.00	15.72 -1.36 0.00	20.13 -1.96 0.00	18.59 -1.61 0.00	18.30 -1.20 0.00	17.03 -0.89 0.00	18.14 -0.89 0.00	18.44 -0.80 0.00	17.92 -0.81 0.00	22.90 -1.24 0.00	24.52 -1.67 0.00	23.42 -1.44 0.00	25.16 -1.93 0.00	26.90 -2.63 0.00	28.29 -3.13 0.00	28.81 -2.97 0.00	25.65 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.06 0.00	17.91 -0.63 0.00
LOCKPORT___CC2 323770	15.97 -1.05 0.00	15.65 -1.03 0.00	14.85 -1.01 0.00	14.01 -1.10 0.00	14.92 -1.16 0.00	15.72 -1.36 0.00	20.13 -1.96 0.00	18.59 -1.61 0.00	18.30 -1.20 0.00	17.03 -0.89 0.00	18.14 -0.89 0.00	18.44 -0.80 0.00	17.92 -0.81 0.00	22.90 -1.24 0.00	24.52 -1.67 0.00	23.42 -1.44 0.00	25.16 -1.93 0.00	26.90 -2.63 0.00	28.29 -3.13 0.00	28.81 -2.97 0.00	25.65 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.06 0.00	17.91 -0.63 0.00
LOCKPORT___CC3 323771	15.97 -1.05 0.00	15.65 -1.03 0.00	14.85 -1.01 0.00	14.01 -1.10 0.00	14.92 -1.16 0.00	15.72 -1.36 0.00	20.13 -1.96 0.00	18.59 -1.61 0.00	18.30 -1.20 0.00	17.03 -0.89 0.00	18.14 -0.89 0.00	18.44 -0.80 0.00	17.92 -0.81 0.00	22.90 -1.24 0.00	24.52 -1.67 0.00	23.42 -1.44 0.00	25.16 -1.93 0.00	26.90 -2.63 0.00	28.29 -3.13 0.00	28.81 -2.97 0.00	25.65 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.06 0.00	17.91 -0.63 0.00
LONG_LAKE_PHOENIX 24014	16.55 -0.47 0.00	16.21 -0.46 0.00	15.40 -0.46 0.00	14.67 -0.45 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.45 -0.64 0.00	19.68 -0.51 0.00	18.98 -0.52 0.00	17.44 -0.49 0.00	18.51 -0.53 0.00	18.76 -0.49 0.00	18.24 -0.50 0.00	23.56 -0.58 0.00	25.53 -0.66 0.00	24.25 -0.62 0.00	26.36 -0.73 0.00	28.73 -0.80 0.00	30.53 -0.89 0.00	31.01 -0.78 0.00	27.30 -0.65 0.00	29.20 -0.85 0.00	19.62 -0.51 0.00	18.11 -0.43 0.00
LOVETT___3 23632	17.62 0.61 0.00	17.26 0.59 0.00	16.45 0.59 0.00	15.73 0.62 0.00	16.71 0.63 0.00	17.69 0.61 0.00	22.86 0.77 0.00	21.04 0.84 0.00	20.10 0.60 0.00	18.51 0.58 0.00	19.72 0.68 0.00	19.87 0.63 0.00	19.35 0.61 0.00	25.01 0.86 0.00	27.17 0.99 0.00	25.71 0.85 0.00	28.10 1.01 0.00	30.75 1.21 0.00	32.75 1.33 0.00	33.44 1.66 0.00	29.48 1.52 0.00	31.38 1.33 0.00	20.94 0.81 0.00	19.28 0.74 0.00
LOVETT___4 23642	17.62 0.61 0.00	17.26 0.59 0.00	16.45 0.59 0.00	15.73 0.62 0.00	16.71 0.63 0.00	17.69 0.61 0.00	22.86 0.77 0.00	21.04 0.84 0.00	20.10 0.60 0.00	18.51 0.58 0.00	19.72 0.68 0.00	19.87 0.63 0.00	19.35 0.61 0.00	25.01 0.86 0.00	27.17 0.99 0.00	25.71 0.85 0.00	28.10 1.01 0.00	30.75 1.21 0.00	32.75 1.33 0.00	33.44 1.66 0.00	29.48 1.52 0.00	31.38 1.33 0.00	20.94 0.81 0.00	19.28 0.74 0.00
LOVETT___5 23593	17.62 0.61 0.00	17.26 0.59 0.00	16.45 0.59 0.00	15.73 0.62 0.00	16.71 0.63 0.00	17.69 0.61 0.00	22.86 0.77 0.00	21.04 0.84 0.00	20.10 0.60 0.00	18.51 0.58 0.00	19.72 0.68 0.00	19.87 0.63 0.00	19.35 0.61 0.00	25.01 0.86 0.00	27.17 0.99 0.00	25.71 0.85 0.00	28.10 1.01 0.00	30.75 1.21 0.00	32.75 1.33 0.00	33.44 1.66 0.00	29.48 1.52 0.00	31.38 1.33 0.00	20.94 0.81 0.00	19.28 0.74 0.00
LOWER RAQUET___HYD 24057	16.77 -0.25 0.00	16.41 -0.26 0.00	15.61 -0.25 0.00	14.84 -0.28 0.00	15.83 -0.26 0.00	16.86 -0.22 0.00	21.93 -0.16 0.00	19.93 -0.26 0.00	19.18 -0.33 0.00	17.52 -0.41 0.00	18.75 -0.29 0.00	18.95 -0.29 0.00	18.48 -0.25 0.00	23.69 -0.45 0.00	25.72 -0.46 0.00	24.50 -0.37 0.00	26.62 -0.46 0.00	28.73 -0.81 0.00	30.72 -0.70 0.00	30.91 -0.87 0.00	26.55 -1.39 0.00	28.55 -1.49 0.00	19.00 -1.13 0.00	17.40 -1.14 0.00
LOWER___HUDSON 24059	17.36 0.34 0.00	17.04 0.36 0.00	16.21 0.35 0.00	15.52 0.41 0.00	16.51 0.43 0.00	17.58 0.50 0.00	22.69 0.60 0.00	20.74 0.54 0.00	19.77 0.27 0.00	18.08 0.15 0.00	19.16 0.12 0.00	19.32 0.08 0.00	18.81 0.07 0.00	24.29 0.15 0.00	26.40 0.22 0.00	25.08 0.21 0.00	27.49 0.40 0.00	30.23 0.70 0.00	32.39 0.98 0.00	32.85 1.06 0.00	28.89 0.93 0.00	30.90 0.86 0.00	20.61 0.48 0.00	18.98 0.44 0.00
LOWVILLE_115KV_TB2 356335	17.19 0.17 0.00	16.81 0.13 0.00	15.99 0.13 0.00	15.22 0.11 0.00	16.22 0.13 0.00	17.29 0.21 0.00	22.40 0.31 0.00	20.29 0.09 0.00	19.39 -0.12 0.00	17.83 -0.09 0.00	18.77 -0.27 0.00	18.97 -0.27 0.00	18.50 -0.23 0.00	23.88 -0.26 0.00	26.22 0.03 0.00	24.93 0.07 0.00	27.31 0.22 0.00	29.71 0.18 0.00	31.51 0.10 0.00	32.05 0.27 0.00	27.74 -0.21 0.00	28.91 -1.14 0.00	19.26 -0.87 0.00	17.68 -0.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.51 0.49 0.00	17.17 0.49 0.00	16.34 0.48 0.00	15.63 0.52 0.00	16.65 0.56 0.00	17.74 0.66 0.00	22.96 0.86 0.00	20.98 0.79 0.00	19.98 0.47 0.00	18.23 0.31 0.00	19.31 0.27 0.00	19.47 0.22 0.00	18.94 0.20 0.00	24.47 0.33 0.00	26.62 0.44 0.00	25.33 0.47 0.00	27.78 0.69 0.00	30.61 1.08 0.00	32.74 1.33 0.00	33.21 1.43 0.00	29.22 1.27 0.00	31.23 1.18 0.00	20.81 0.68 0.00	19.14 0.61 0.00
LUTHERNY_35_KV_BK2 355980	17.51 0.49 0.00	17.17 0.49 0.00	16.34 0.47 0.00	15.63 0.52 0.00	16.64 0.56 0.00	17.75 0.67 0.00	22.97 0.87 0.00	21.00 0.80 0.00	19.99 0.49 0.00	18.24 0.31 0.00	19.31 0.26 0.00	19.47 0.22 0.00	18.94 0.20 0.00	24.49 0.34 0.00	26.63 0.45 0.00	25.34 0.48 0.00	27.77 0.68 0.00	30.62 1.09 0.00	32.77 1.35 0.00	33.19 1.41 0.00	29.24 1.29 0.00	31.25 1.20 0.00	20.82 0.69 0.00	19.15 0.61 0.00

LWR___OSWEGATCHIE_HYD 23850	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.81 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00
LYONS_FALL_HYD 23570	17.24 0.22 0.00	16.87 0.19 0.00	16.05 0.19 0.00	15.28 0.17 0.00	16.28 0.19 0.00	17.34 0.26 0.00	22.46 0.37 0.00	20.42 0.22 0.00	19.57 0.06 0.00	17.98 0.05 0.00	18.97 -0.07 0.00	19.17 -0.07 0.00	18.67 -0.06 0.00	24.12 -0.03 0.00	26.40 0.21 0.00	25.11 0.25 0.00	27.45 0.37 0.00	29.91 0.37 0.00	31.75 0.33 0.00	32.25 0.47 0.00	28.10 0.15 0.00	29.59 -0.46 0.00	19.74 -0.39 0.00	18.14 -0.40 0.00
MADISON___COUNTY_LFGE 323628	17.36 0.34 0.00	16.99 0.32 0.00	16.16 0.29 0.00	15.38 0.28 0.00	16.39 0.30 0.00	17.43 0.35 0.00	22.59 0.49 0.00	20.64 0.44 0.00	19.84 0.33 0.00	18.16 0.24 0.00	19.22 0.17 0.00	19.45 0.20 0.00	18.91 0.18 0.00	24.47 0.33 0.00	26.71 0.53 0.00	25.44 0.58 0.00	27.70 0.61 0.00	30.20 0.67 0.00	32.08 0.66 0.00	32.57 0.79 0.00	28.65 0.69 0.00	30.53 0.48 0.00	20.42 0.29 0.00	18.78 0.25 0.00
MALONE___115KV_TB1 356076	17.36 0.34 0.00	16.99 0.31 0.00	16.16 0.30 0.00	15.37 0.26 0.00	16.38 0.30 0.00	17.49 0.41 0.00	22.82 0.72 0.00	20.75 0.55 0.00	19.98 0.47 0.00	18.33 0.40 0.00	19.52 0.48 0.00	19.73 0.49 0.00	19.23 0.50 0.00	24.58 0.44 0.00	26.60 0.41 0.00	25.33 0.47 0.00	27.40 0.31 0.00	29.69 0.16 0.00	31.86 0.44 0.00	31.86 0.08 0.00	27.51 -0.44 0.00	29.69 -0.36 0.00	19.68 -0.45 0.00	17.98 -0.56 0.00
MAPLEWOD_115KV_TB3 80458	17.35 0.33 0.00	17.02 0.34 0.00	16.19 0.33 0.00	15.48 0.37 0.00	16.48 0.39 0.00	17.52 0.44 0.00	22.61 0.52 0.00	20.66 0.46 0.00	19.80 0.30 0.00	18.14 0.22 0.00	19.21 0.17 0.00	19.37 0.12 0.00	18.85 0.12 0.00	24.34 0.20 0.00	26.46 0.28 0.00	25.17 0.31 0.00	27.58 0.49 0.00	30.26 0.73 0.00	32.34 0.92 0.00	32.82 1.04 0.00	28.85 0.90 0.00	30.84 0.80 0.00	20.60 0.47 0.00	18.96 0.42 0.00
MAPLE_RIDGE_WT_1 323574	17.03 0.01 0.00	16.68 0.01 0.00	15.86 0.00 0.00	15.10 -0.01 0.00	16.08 0.00 0.00	17.08 0.00 0.00	22.10 0.00 0.00	20.15 -0.05 0.00	19.54 0.03 0.00	17.96 0.03 0.00	19.04 0.00 0.00	19.26 0.01 0.00	18.78 0.05 0.00	24.16 0.02 0.00	26.20 0.02 0.00	24.91 0.04 0.00	27.08 -0.01 0.00	29.44 -0.09 0.00	31.27 -0.14 0.00	31.31 -0.47 0.00	27.37 -0.58 0.00	29.44 -0.61 0.00	19.68 -0.44 0.00	18.06 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	17.03 0.01 0.00	16.68 0.01 0.00	15.86 0.00 0.00	15.10 -0.01 0.00	16.08 0.00 0.00	17.08 0.00 0.00	22.10 0.00 0.00	20.15 -0.05 0.00	19.54 0.03 0.00	17.96 0.03 0.00	19.04 0.00 0.00	19.26 0.01 0.00	18.78 0.05 0.00	24.16 0.02 0.00	26.20 0.02 0.00	24.91 0.04 0.00	27.08 -0.01 0.00	29.44 -0.09 0.00	31.27 -0.14 0.00	31.31 -0.47 0.00	27.37 -0.58 0.00	29.44 -0.61 0.00	19.68 -0.44 0.00	18.06 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	17.66 0.65 0.00	17.25 0.57 0.00	16.43 0.57 0.00	15.66 0.55 0.00	16.64 0.56 0.00	17.90 0.82 0.00	23.39 1.30 0.00	21.23 1.03 0.00	20.33 0.82 0.00	18.65 0.72 0.00	19.92 0.88 0.00	20.15 0.91 0.00	19.67 0.93 0.00	25.12 0.98 0.00	27.15 0.97 0.00	25.90 1.04 0.00	27.92 0.84 0.00	30.24 0.71 0.00	32.38 0.96 0.00	32.13 0.35 0.00	27.61 -0.34 0.00	29.67 -0.37 0.00	19.50 -0.63 0.00	17.76 -0.77 0.00
MARSHVLE_115KV_TB1 80742	17.97 0.95 0.00	17.57 0.90 0.00	16.67 0.81 0.00	15.80 0.69 0.00	16.84 0.76 0.00	17.92 0.83 0.00	23.61 1.52 0.00	21.69 1.49 0.00	20.79 1.29 0.00	18.90 0.97 0.00	20.01 0.97 0.00	20.23 0.98 0.00	19.68 0.94 0.00	25.37 1.22 0.00	27.50 1.32 0.00	26.33 1.46 0.00	28.64 1.55 0.00	31.01 1.48 0.00	32.93 1.52 0.00	33.35 1.57 0.00	29.33 1.38 0.00	31.57 1.52 0.00	21.17 1.04 0.00	19.53 0.99 0.00
MARSH_HILL_WT_PWR 323713	16.34 -0.67 0.00	15.99 -0.69 0.00	15.02 -0.84 0.00	14.08 -1.04 0.00	14.97 -1.12 0.00	15.76 -1.32 0.00	20.33 -1.77 0.00	18.95 -1.24 0.00	18.75 -0.75 0.00	17.83 -0.10 0.00	18.91 -0.13 0.00	19.14 -0.10 0.00	18.62 -0.11 0.00	24.01 -0.14 0.00	25.42 -0.77 0.00	24.07 -0.79 0.00	25.68 -1.41 0.00	27.53 -2.00 0.00	29.34 -2.08 0.00	29.74 -2.05 0.00	25.91 -2.04 0.00	27.47 -2.58 0.00	18.96 -1.17 0.00	17.99 -0.54 0.00
MCINTYRE_115KV_TB2 80467	17.27 0.26 0.00	16.92 0.24 0.00	16.08 0.21 0.00	15.27 0.16 0.00	16.31 0.22 0.00	17.37 0.29 0.00	22.62 0.52 0.00	20.52 0.33 0.00	19.72 0.22 0.00	18.05 0.12 0.00	19.23 0.19 0.00	19.41 0.17 0.00	18.93 0.19 0.00	24.27 0.13 0.00	26.30 0.12 0.00	25.10 0.24 0.00	27.30 0.22 0.00	29.71 0.18 0.00	31.84 0.43 0.00	32.07 0.29 0.00	28.41 0.46 0.00	30.72 0.68 0.00	20.46 0.34 0.00	18.74 0.21 0.00
MECO____69_KV_BK1 80468	18.52 1.50 0.00	18.11 1.43 0.00	17.18 1.32 0.00	16.32 1.21 0.00	17.43 1.34 0.00	18.63 1.55 0.00	24.63 2.54 0.00	22.64 2.44 0.00	21.43 1.92 0.00	19.48 1.55 0.00	20.49 1.45 0.00	20.59 1.35 0.00	20.04 1.31 0.00	25.78 1.64 0.00	28.18 2.00 0.00	27.22 2.36 0.00	30.17 3.08 0.00	32.94 3.40 0.00	34.95 3.54 0.00	35.51 3.73 0.00	31.18 3.23 0.00	33.39 3.35 0.00	22.35 2.22 0.00	20.53 2.00 0.00
MENANDS__115KV_TB5 355628	17.30 0.28 0.00	16.97 0.29 0.00	16.15 0.29 0.00	15.45 0.33 0.00	16.43 0.34 0.00	17.46 0.38 0.00	22.54 0.45 0.00	20.59 0.39 0.00	19.75 0.25 0.00	18.10 0.17 0.00	19.17 0.13 0.00	19.34 0.09 0.00	18.83 0.10 0.00	24.31 0.17 0.00	26.43 0.25 0.00	25.10 0.24 0.00	27.51 0.42 0.00	30.17 0.63 0.00	32.22 0.81 0.00	32.71 0.93 0.00	28.74 0.79 0.00	30.75 0.70 0.00	20.54 0.41 0.00	18.91 0.37 0.00
MG INDUSTRY___DRP 24185	17.32 0.29 0.00	16.99 0.31 0.00	16.17 0.31 0.00	15.46 0.34 0.00	16.44 0.36 0.00	17.47 0.39 0.00	22.56 0.47 0.00	20.59 0.39 0.00	19.71 0.21 0.00	18.05 0.13 0.00	19.12 0.08 0.00	19.28 0.04 0.00	18.79 0.06 0.00	24.24 0.09 0.00	26.38 0.20 0.00	25.04 0.17 0.00	27.47 0.39 0.00	30.11 0.58 0.00	32.12 0.70 0.00	32.57 0.79 0.00	28.62 0.67 0.00	30.66 0.61 0.00	20.50 0.38 0.00	18.89 0.35 0.00
MID___OSWEGATCHIE_HYD 23849	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.81 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.76 0.74 0.00	17.40 0.73 0.00	16.61 0.75 0.00	15.88 0.77 0.00	16.86 0.77 0.00	17.84 0.76 0.00	23.09 0.99 0.00	21.27 1.07 0.00	20.34 0.83 0.00	18.58 0.78 0.13	19.96 0.92 0.00	20.12 0.88 0.00	19.57 0.84 0.00	25.30 1.15 0.00	27.51 1.33 0.00	26.03 1.17 0.00	28.42 1.33 0.00	31.09 1.56 0.00	33.10 1.69 0.00	33.79 2.01 0.00	29.78 1.83 0.00	31.70 1.65 0.00	21.13 1.00 0.00	19.46 0.92 0.00
MUNSVILLE_WIND_PWR 323609	18.06 1.04 0.00	17.69 1.01 0.00	16.87 1.00 0.00	16.03 0.92 0.00	17.00 0.91 0.00	17.99 0.91 0.00	23.21 1.11 0.00	21.26 1.06 0.00	20.40 0.90 0.00	18.71 0.78 0.00	19.63 0.59 0.00	20.18 0.94 0.00	19.72 0.99 0.00	25.67 1.53 0.00	27.83 1.65 0.00	26.46 1.60 0.00	28.43 1.34 0.00	30.96 1.43 0.00	32.76 1.35 0.00	33.18 1.40 0.00	29.18 1.23 0.00	30.83 0.79 0.00	20.80 0.67 0.00	19.25 0.72 0.00
N SALMON___HYD 24042	17.36 0.34 0.00	16.99 0.31 0.00	16.16 0.30 0.00	15.37 0.26 0.00	16.38 0.30 0.00	17.49 0.41 0.00	22.82 0.72 0.00	20.75 0.55 0.00	19.98 0.47 0.00	18.33 0.40 0.00	19.52 0.48 0.00	19.73 0.49 0.00	19.23 0.50 0.00	24.58 0.44 0.00	26.60 0.41 0.00	25.33 0.47 0.00	27.40 0.31 0.00	29.69 0.16 0.00	31.86 0.44 0.00	31.86 0.08 0.00	27.51 -0.44 0.00	29.69 -0.36 0.00	19.68 -0.45 0.00	17.98 -0.56 0.00
N.AKRON___115KV_KNAPP 355671	16.22 -0.79 0.00	15.89 -0.79 0.00	15.06 -0.80 0.00	14.24 -0.87 0.00	15.16 -0.92 0.00	15.99 -1.09 0.00	20.55 -1.55 0.00	18.99 -1.21 0.00	18.67 -0.83 0.00	17.39 -0.54 0.00	18.52 -0.52 0.00	18.82 -0.43 0.00	18.29 -0.45 0.00	23.37 -0.78 0.00	25.01 -1.17 0.00	23.91 -0.96 0.00	25.69 -1.39 0.00	27.52 -2.01 0.00	28.97 -2.45 0.00	29.49 -2.30 0.00	26.24 -1.71 0.00	28.16 -1.89 0.00	19.43 -0.70 0.00	18.19 -0.34 0.00
N.BELMOR_69_KV_BK1 55787	17.96 0.94 0.00	17.63 0.95 0.00	16.76 0.90 0.00	16.02 0.91 0.00	16.97 0.89 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.41 1.21 0.00	20.39 0.88 0.00	18.47 0.71 0.16	20.10 1.06 0.00	20.27 1.03 0.00	19.72 0.99 0.00	25.48 1.34 0.00	27.87 1.68 0.00	26.44 1.57 0.00	28.81 1.73 0.00	31.44 1.91 0.00	33.43 2.02 0.00	34.19 2.41 0.00	30.12 2.17 0.00	32.00 1.95 0.00	21.34 1.21 0.00	19.64 1.11 0.00
N.E_GEN_SANDY PD 24062	17.42 0.40 0.00	17.10 0.43 0.00	16.29 0.42 0.00	15.62 0.51 0.00	16.55 0.51 0.04	17.62 0.54 0.00	22.74 0.65 0.00	21.15 0.66 -0.29	20.10 0.35 -0.25	17.90 0.26 0.28	17.34 0.32 2.02	16.78 0.28 2.75	17.01 0.27 2.00	19.71 0.37 4.80	21.81 0.45 4.82	21.98 0.37 3.26	27.11 0.55 0.53	30.25 0.88 0.16	32.62 1.21 0.00	33.19 1.41 0.00	29.21 1.26 0.00	31.13 1.08 0.00	20.75 0.62 0.00	19.15 0.61 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.65 0.63 0.00	17.28 0.61 0.00	16.48 0.61 0.00	15.75 0.64 0.00	16.74 0.65 0.00	17.72 0.64 0.00	22.89 0.80 0.00	21.07 0.88 0.00	20.13 0.63 0.00	18.54 0.61 0.00	19.75 0.71 0.00	19.90 0.65 0.00	19.38 0.65 0.00	25.05 0.90 0.00	27.21 1.03 0.00	25.75 0.89 0.00	28.14 1.06 0.00	30.79 1.26 0.00	32.80 1.38 0.00	33.50 1.71 0.00	29.53 1.58 0.00	31.43 1.39 0.00	20.98 0.85 0.00	19.31 0.77 0.00
N.QUEENS_27_KV_LOAD 356247	17.85 0.83 0.00	17.49 0.82 0.00	16.71 0.85 0.00	15.97 0.86 0.00	16.96 0.87 0.00	17.92 0.84 0.00	23.23 1.13 0.00	21.39 1.19 0.00	20.47 0.96 0.00	19.17 0.80 -0.44	20.10 1.06 0.00	20.23 0.99 0.00	19.68 0.95 0.00	25.44 1.29 0.00	27.68 1.50 0.00	26.16 1.30 0.00	28.53 1.44 0.00	31.18 1.65 0.00	33.16 1.75 0.00	33.92 2.14 0.00	29.90 1.95 0.00	31.88 1.83 0.00	21.21 1.08 0.00	19.57 1.03 0.00
N.TROY___115KV_TB1 355778	17.36 0.34 0.00	17.04 0.36 0.00	16.22 0.36 0.00	15.52 0.41 0.00	16.51 0.43 0.00	17.59 0.50 0.00	22.69 0.60 0.00	20.74 0.54 0.00	19.77 0.27 0.00	18.08 0.15 0.00	19.16 0.12 0.00	19.32 0.08 0.00	18.81 0.07 0.00	24.29 0.15 0.00	26.40 0.22 0.00	25.08 0.21 0.00	27.49 0.40 0.00	30.23 0.70 0.00	32.39 0.98 0.00	32.85 1.06 0.00	28.89 0.93 0.00	30.90 0.86 0.00	20.61 0.48 0.00	18.98 0.44 0.00
NARROWS_GT1_1 24228	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NARROWS_GT1_2 24229	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NARROWS_GT1_3 24230	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NARROWS_GT1_4 24231	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NARROWS_GT1_5 24232	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NARROWS_GT1_6 24233	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00





NEG CENTRAL___INDECK 23768	16.89 -0.13 0.00	16.53 -0.14 0.00	15.64 -0.22 0.00	14.77 -0.34 0.00	15.73 -0.35 0.00	16.66 -0.42 0.00	21.51 -0.59 0.00	19.96 -0.23 0.00	19.44 -0.06 0.00	18.18 0.25 0.00	19.32 0.28 0.00	19.53 0.28 0.00	19.02 0.28 0.00	24.36 0.21 0.00	26.14 -0.04 0.00	24.82 -0.04 0.00	26.62 -0.47 0.00	28.60 -0.94 0.00	30.46 -0.95 0.00	31.09 -0.69 0.00	27.53 -0.42 0.00	29.38 -0.66 0.00	20.05 -0.07 0.00	18.72 0.19 0.00
NEG CENTRAL___SENECA 23627	16.77 -0.25 0.00	16.43 -0.25 0.00	15.58 -0.28 0.00	14.79 -0.32 0.00	15.74 -0.35 0.00	16.71 -0.37 0.00	21.60 -0.50 0.00	19.95 -0.25 0.00	19.31 -0.19 0.00	17.88 -0.05 0.00	19.01 -0.03 0.00	19.24 -0.01 0.00	18.71 -0.02 0.00	24.12 -0.03 0.00	26.00 -0.18 0.00	24.63 -0.23 0.00	26.68 -0.40 0.00	28.90 -0.64 0.00	30.61 -0.81 0.00	31.22 -0.56 0.00	27.51 -0.45 0.00	29.37 -0.67 0.00	19.89 -0.23 0.00	18.44 -0.10 0.00
NEG CENTRAL___STATE_STREET 24147	16.94 -0.08 0.00	16.54 -0.14 0.00	15.77 -0.10 0.00	15.00 -0.11 0.00	15.90 -0.18 0.00	16.95 -0.13 0.00	21.94 -0.15 0.00	20.08 -0.12 0.00	19.44 -0.07 0.00	17.91 -0.02 0.00	18.95 -0.09 0.00	19.21 -0.03 0.00	18.72 -0.01 0.00	24.09 -0.05 0.00	26.15 -0.04 0.00	24.79 -0.07 0.00	26.97 -0.12 0.00	29.36 -0.17 0.00	31.13 -0.29 0.00	31.65 -0.13 0.00	27.90 -0.05 0.00	29.84 -0.21 0.00	20.08 -0.05 0.00	18.49 -0.05 0.00
NEG MILLWOOD___DRP 24198	17.85 0.83 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.82 0.00	16.92 0.84 0.00	17.95 0.87 0.00	23.25 1.16 0.00	21.40 1.20 0.00	20.45 0.94 0.00	18.77 0.84 0.00	20.00 0.96 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.40 1.26 0.00	27.61 1.43 0.00	26.16 1.30 0.00	28.60 1.51 0.00	31.33 1.80 0.00	33.42 2.00 0.00	34.09 2.31 0.00	30.03 2.08 0.00	31.96 1.92 0.00	21.30 1.17 0.00	19.60 1.06 0.00
NEG NORTH_FLCN_SEA 23793	17.72 0.70 0.00	17.33 0.65 0.00	16.50 0.64 0.00	15.74 0.62 0.00	16.73 0.64 0.00	17.96 0.88 0.00	23.45 1.36 0.00	21.29 1.10 0.00	20.40 0.90 0.00	18.70 0.77 0.00	19.96 0.92 0.00	20.18 0.94 0.00	19.70 0.96 0.00	25.19 1.05 0.00	27.24 1.06 0.00	26.00 1.14 0.00	28.06 0.97 0.00	30.41 0.87 0.00	32.59 1.17 0.00	32.44 0.66 0.00	27.95 0.00 0.00	30.02 -0.03 0.00	19.80 -0.32 0.00	18.08 -0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	17.39 0.37 0.00	17.02 0.34 0.00	16.20 0.33 0.00	15.40 0.29 0.00	16.40 0.32 0.00	17.52 0.44 0.00	22.83 0.73 0.00	20.74 0.54 0.00	19.99 0.48 0.00	18.37 0.44 0.00	19.55 0.51 0.00	19.78 0.54 0.00	19.28 0.55 0.00	24.66 0.52 0.00	26.66 0.48 0.00	25.38 0.52 0.00	27.44 0.35 0.00	29.74 0.20 0.00	31.88 0.47 0.00	31.78 0.00 0.00	27.54 -0.41 0.00	29.76 -0.29 0.00	19.73 -0.40 0.00	18.01 -0.52 0.00
NEG NORTH___ALICE_FALLS 23915	17.69 0.67 0.00	17.30 0.62 0.00	16.47 0.61 0.00	15.70 0.59 0.00	16.70 0.61 0.00	17.91 0.83 0.00	23.42 1.33 0.00	21.27 1.08 0.00	20.41 0.90 0.00	18.69 0.76 0.00	19.91 0.87 0.00	20.14 0.90 0.00	19.64 0.91 0.00	25.14 0.99 0.00	27.16 0.98 0.00	25.93 1.06 0.00	27.99 0.90 0.00	30.34 0.81 0.00	32.56 1.15 0.00	32.46 0.68 0.00	27.99 0.04 0.00	30.09 0.04 0.00	19.85 -0.28 0.00	18.12 -0.42 0.00
NEG NORTH___LWR_SARANAC 23913	17.69 0.67 0.00	17.30 0.62 0.00	16.47 0.61 0.00	15.70 0.59 0.00	16.70 0.61 0.00	17.91 0.83 0.00	23.42 1.33 0.00	21.27 1.08 0.00	20.41 0.90 0.00	18.69 0.76 0.00	19.91 0.87 0.00	20.14 0.90 0.00	19.64 0.91 0.00	25.14 0.99 0.00	27.16 0.98 0.00	25.93 1.06 0.00	27.99 0.90 0.00	30.34 0.81 0.00	32.56 1.15 0.00	32.46 0.68 0.00	27.99 0.04 0.00	30.09 0.04 0.00	19.85 -0.28 0.00	18.12 -0.42 0.00
NEG NORTH___PLATTSBURG 23628	17.69 0.67 0.00	17.30 0.62 0.00	16.47 0.61 0.00	15.70 0.59 0.00	16.70 0.61 0.00	17.92 0.84 0.00	23.42 1.33 0.00	21.27 1.07 0.00	20.41 0.90 0.00	18.69 0.76 0.00	19.91 0.87 0.00	20.14 0.90 0.00	19.64 0.91 0.00	25.14 0.99 0.00	27.16 0.98 0.00	25.93 1.06 0.00	27.99 0.90 0.00	30.34 0.81 0.00	32.56 1.15 0.00	32.46 0.67 0.00	28.00 0.04 0.00	30.09 0.04 0.00	19.85 -0.28 0.00	18.12 -0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	15.97 -1.05 0.00	15.64 -1.03 0.00	14.83 -1.03 0.00	14.01 -1.10 0.00	14.91 -1.18 0.00	15.70 -1.38 0.00	20.13 -1.97 0.00	18.59 -1.61 0.00	18.30 -1.20 0.00	17.03 -0.90 0.00	18.14 -0.90 0.00	18.44 -0.80 0.00	17.92 -0.81 0.00	22.90 -1.24 0.00	24.52 -1.67 0.00	23.42 -1.44 0.00	25.16 -1.93 0.00	26.90 -2.64 0.00	28.30 -3.12 0.00	28.82 -2.96 0.00	25.65 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.05 0.00	17.91 -0.63 0.00
NEG WEST___LANCASTR 23811	16.49 -0.53 0.00	16.16 -0.51 0.00	15.31 -0.55 0.00	14.49 -0.62 0.00	15.40 -0.68 0.00	16.27 -0.81 0.00	20.90 -1.20 0.00	19.30 -0.89 0.00	18.87 -0.64 0.00	17.54 -0.39 0.00	18.66 -0.38 0.00	18.94 -0.30 0.00	18.41 -0.33 0.00	23.63 -0.52 0.00	25.39 -0.79 0.00	24.18 -0.69 0.00	25.99 -1.10 0.00	27.92 -1.61 0.00	29.43 -1.98 0.00	30.05 -1.73 0.00	26.61 -1.34 0.00	28.50 -1.55 0.00	19.65 -0.47 0.00	18.37 -0.17 0.00
NEG_PENN_ALLEGHNY 23528	16.94 -0.07 0.00	16.62 -0.06 0.00	15.79 -0.07 0.00	15.02 -0.09 0.00	15.97 -0.11 0.00	16.92 -0.15 0.00	21.83 -0.27 0.00	20.16 -0.04 0.00	19.44 -0.07 0.00	17.93 0.00 0.00	19.04 0.00 0.00	19.28 0.03 0.00	18.74 0.01 0.00	24.19 0.05 0.00	26.14 -0.05 0.00	24.76 -0.10 0.00	26.87 -0.21 0.00	29.26 -0.28 0.00	31.07 -0.35 0.00	31.70 -0.08 0.00	27.89 -0.06 0.00	29.76 -0.29 0.00	20.08 -0.05 0.00	18.54 0.00 0.00
NEG___GEN_MONROE 24207	16.51 -0.50 0.00	16.17 -0.50 0.00	15.35 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.43 -0.65 0.00	21.18 -0.91 0.00	19.52 -0.68 0.00	19.06 -0.45 0.00	17.66 -0.27 0.00	18.79 -0.25 0.00	19.06 -0.18 0.00	18.52 -0.21 0.00	23.78 -0.36 0.00	25.61 -0.58 0.00	24.41 -0.45 0.00	26.34 -0.75 0.00	28.40 -1.13 0.00	30.01 -1.41 0.00	30.53 -1.25 0.00	27.05 -0.90 0.00	28.98 -1.07 0.00	19.78 -0.35 0.00	18.39 -0.14 0.00
NEPA___ENERGY 23901	16.46 -0.56 0.00	16.16 -0.52 0.00	15.30 -0.56 0.00	14.51 -0.60 0.00	15.39 -0.69 0.00	16.24 -0.84 0.00	20.93 -1.16 0.00	19.41 -0.79 0.00	18.79 -0.72 0.00	17.56 -0.37 0.00	18.59 -0.45 0.00	18.86 -0.38 0.00	18.29 -0.44 0.00	23.54 -0.60 0.00	25.35 -0.83 0.00	24.08 -0.78 0.00	25.97 -1.12 0.00	27.99 -1.55 0.00	29.53 -1.89 0.00	30.26 -1.52 0.00	26.63 -1.31 0.00	28.45 -1.59 0.00	19.66 -0.46 0.00	18.27 -0.26 0.00
NEVERSINK___HYD 23608	17.65 0.63 0.00	17.43 0.75 0.00	16.61 0.75 0.00	15.88 0.77 0.00	16.88 0.80 0.00	17.92 0.84 0.00	23.20 1.11 0.00	21.34 1.14 0.00	20.37 0.86 0.00	18.70 0.77 0.00	19.92 0.88 0.00	20.11 0.87 0.00	19.49 0.75 0.00	25.26 1.11 0.00	27.37 1.19 0.00	26.02 1.16 0.00	28.45 1.36 0.00	31.11 1.58 0.00	33.17 1.75 0.00	33.83 2.04 0.00	29.78 1.83 0.00	31.70 1.65 0.00	21.16 1.03 0.00	19.47 0.94 0.00

NEWKRMKL_115KV_TB1 55635	17.19 0.17 0.00	16.86 0.18 0.00	16.05 0.19 0.00	15.35 0.24 0.00	16.32 0.23 0.00	17.34 0.26 0.00	22.38 0.29 0.00	20.43 0.23 0.00	19.59 0.08 0.00	17.93 0.00 0.00	18.95 -0.09 0.00	19.12 -0.12 0.00	18.63 -0.10 0.00	24.05 -0.09 0.00	26.17 -0.02 0.00	24.84 -0.03 0.00	27.25 0.16 0.00	29.85 0.32 0.00	31.85 0.43 0.00	32.33 0.55 0.00	28.41 0.46 0.00	30.37 0.32 0.00	20.30 0.17 0.00	18.68 0.14 0.00
NEWTON___FALLS_HYD 23847	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.81 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00
NGRID_A1_DSASP 323792	15.66 -1.36 0.00	15.34 -1.34 0.00	14.56 -1.30 0.00	13.75 -1.36 0.00	14.64 -1.44 0.00	15.43 -1.65 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.72 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.14 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.77 0.00	28.17 -3.61 0.00	25.09 -2.86 0.00	26.99 -3.06 0.00	18.73 -1.40 0.00	17.62 -0.91 0.00
NGRID_A2_DSASP 323793	15.66 -1.36 0.00	15.34 -1.34 0.00	14.56 -1.30 0.00	13.75 -1.36 0.00	14.64 -1.44 0.00	15.43 -1.65 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.72 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.14 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.77 0.00	28.17 -3.61 0.00	25.09 -2.86 0.00	26.99 -3.06 0.00	18.73 -1.40 0.00	17.62 -0.91 0.00
NGRID_A4_DSASP 323807	15.66 -1.36 0.00	15.34 -1.34 0.00	14.56 -1.30 0.00	13.75 -1.36 0.00	14.64 -1.44 0.00	15.43 -1.65 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.72 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.14 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.77 0.00	28.17 -3.61 0.00	25.09 -2.86 0.00	26.99 -3.06 0.00	18.73 -1.40 0.00	17.62 -0.91 0.00
NIAGARA_115E_LBMP 323715	15.72 -1.30 0.00	15.40 -1.28 0.00	14.61 -1.25 0.00	13.79 -1.32 0.00	14.69 -1.39 0.00	15.42 -1.66 0.00	19.72 -2.37 0.00	18.18 -2.01 0.00	17.95 -1.56 0.00	16.70 -1.23 0.00	17.80 -1.24 0.00	18.09 -1.16 0.00	17.57 -1.16 0.00	22.42 -1.73 0.00	23.98 -2.20 0.00	22.93 -1.94 0.00	24.63 -2.46 0.00	26.30 -3.23 0.00	27.62 -3.80 0.00	28.14 -3.64 0.00	25.07 -2.88 0.00	26.96 -3.09 0.00	18.70 -1.42 0.00	17.60 -0.94 0.00
NIAGARA_115W_LBMP 323714	15.62 -1.40 0.00	15.31 -1.37 0.00	14.53 -1.33 0.00	13.72 -1.39 0.00	14.61 -1.48 0.00	15.36 -1.72 0.00	19.64 -2.46 0.00	18.10 -2.09 0.00	17.89 -1.62 0.00	16.67 -1.26 0.00	17.77 -1.27 0.00	18.06 -1.18 0.00	17.54 -1.19 0.00	22.36 -1.79 0.00	23.88 -2.30 0.00	22.83 -2.03 0.00	24.53 -2.56 0.00	26.20 -3.34 0.00	27.50 -3.92 0.00	28.02 -3.76 0.00	24.97 -2.98 0.00	26.85 -3.19 0.00	18.65 -1.48 0.00	17.56 -0.97 0.00
NIAGARA_230_LBMP 323716	15.85 -1.17 0.00	15.54 -1.14 0.00	14.75 -1.11 0.00	13.93 -1.18 0.00	14.83 -1.25 0.00	15.67 -1.41 0.00	20.05 -2.04 0.00	18.48 -1.72 0.00	18.16 -1.34 0.00	16.87 -1.06 0.00	17.97 -1.07 0.00	18.26 -0.99 0.00	17.75 -0.99 0.00	22.71 -1.43 0.00	24.37 -1.81 0.00	23.27 -1.59 0.00	24.99 -2.09 0.00	26.74 -2.80 0.00	28.13 -3.28 0.00	28.67 -3.12 0.00	25.50 -2.45 0.00	27.41 -2.63 0.00	18.97 -1.16 0.00	17.80 -0.74 0.00
NIAGARA___115KV_198_GIBSON 55903	15.62 -1.40 0.00	15.31 -1.37 0.00	14.51 -1.35 0.00	13.72 -1.39 0.00	14.59 -1.50 0.00	15.34 -1.74 0.00	19.64 -2.46 0.00	18.11 -2.09 0.00	17.89 -1.62 0.00	16.67 -1.26 0.00	17.76 -1.27 0.00	18.06 -1.18 0.00	17.54 -1.19 0.00	22.36 -1.78 0.00	23.88 -2.30 0.00	22.83 -2.03 0.00	24.53 -2.56 0.00	26.19 -3.34 0.00	27.51 -3.91 0.00	28.03 -3.75 0.00	24.97 -2.98 0.00	26.86 -3.19 0.00	18.65 -1.47 0.00	17.56 -0.97 0.00
NIAGARA____ 23760	15.85 -1.17 0.00	15.54 -1.14 0.00	14.75 -1.11 0.00	13.93 -1.18 0.00	14.83 -1.25 0.00	15.67 -1.41 0.00	20.05 -2.04 0.00	18.48 -1.72 0.00	18.16 -1.34 0.00	16.87 -1.06 0.00	17.97 -1.07 0.00	18.26 -0.99 0.00	17.75 -0.99 0.00	22.71 -1.43 0.00	24.37 -1.81 0.00	23.27 -1.59 0.00	24.99 -2.09 0.00	26.74 -2.80 0.00	28.13 -3.28 0.00	28.67 -3.12 0.00	25.50 -2.45 0.00	27.41 -2.63 0.00	18.97 -1.16 0.00	17.80 -0.74 0.00
NINE_MILE_1 23575	16.45 -0.57 0.00	16.12 -0.56 0.00	15.32 -0.54 0.00	14.59 -0.52 0.00	15.52 -0.57 0.00	16.49 -0.59 0.00	21.31 -0.78 0.00	19.54 -0.66 0.00	18.87 -0.64 0.00	17.36 -0.57 0.00	18.44 -0.61 0.00	18.65 -0.60 0.00	18.15 -0.58 0.00	23.40 -0.74 0.00	25.35 -0.83 0.00	24.08 -0.79 0.00	26.19 -0.90 0.00	28.51 -1.02 0.00	30.30 -1.12 0.00	30.74 -1.04 0.00	27.07 -0.88 0.00	29.00 -1.04 0.00	19.49 -0.64 0.00	17.98 -0.56 0.00
NINE_MILE_2 23744	16.45 -0.57 0.00	16.12 -0.56 0.00	15.32 -0.54 0.00	14.59 -0.52 0.00	15.52 -0.56 0.00	16.49 -0.59 0.00	21.31 -0.78 0.00	19.54 -0.66 0.00	18.87 -0.64 0.00	17.36 -0.57 0.00	18.44 -0.60 0.00	18.65 -0.59 0.00	18.16 -0.58 0.00	23.41 -0.74 0.00	25.36 -0.82 0.00	24.09 -0.78 0.00	26.19 -0.90 0.00	28.52 -1.02 0.00	30.30 -1.11 0.00	30.74 -1.04 0.00	27.07 -0.88 0.00	29.00 -1.04 0.00	19.49 -0.64 0.00	17.98 -0.55 0.00
NM_CAPITAL___DRP 24208	17.17 0.15 0.00	16.85 0.17 0.00	16.04 0.18 0.00	15.34 0.23 0.00	16.32 0.23 0.00	17.33 0.25 0.00	22.36 0.27 0.00	20.41 0.21 0.00	19.59 0.08 0.00	17.95 0.02 0.00	18.98 -0.06 0.00	19.15 -0.09 0.00	18.66 -0.07 0.00	24.09 -0.06 0.00	26.19 0.01 0.00	24.86 -0.01 0.00	27.26 0.17 0.00	29.88 0.34 0.00	31.90 0.48 0.00	32.37 0.59 0.00	28.45 0.50 0.00	30.42 0.38 0.00	20.33 0.21 0.00	18.72 0.18 0.00
NM_CENTRAL___DRP 24181	16.70 -0.31 0.00	16.37 -0.31 0.00	15.55 -0.31 0.00	14.80 -0.31 0.00	15.75 -0.33 0.00	16.74 -0.34 0.00	21.64 -0.45 0.00	19.87 -0.33 0.00	19.17 -0.33 0.00	17.65 -0.28 0.00	18.74 -0.30 0.00	18.98 -0.27 0.00	18.45 -0.28 0.00	23.81 -0.33 0.00	25.81 -0.37 0.00	24.50 -0.36 0.00	26.63 -0.46 0.00	28.99 -0.54 0.00	30.79 -0.62 0.00	31.28 -0.50 0.00	27.55 -0.40 0.00	29.46 -0.58 0.00	19.81 -0.32 0.00	18.28 -0.25 0.00
NM_FRONTIER___DRP 24179	15.62 -1.40 0.00	15.31 -1.37 0.00	14.51 -1.35 0.00	13.72 -1.39 0.00	14.59 -1.50 0.00	15.34 -1.74 0.00	19.64 -2.46 0.00	18.11 -2.09 0.00	17.89 -1.62 0.00	16.67 -1.26 0.00	17.76 -1.27 0.00	18.06 -1.18 0.00	17.54 -1.19 0.00	22.36 -1.78 0.00	23.88 -2.30 0.00	22.83 -2.03 0.00	24.53 -2.56 0.00	26.19 -3.34 0.00	27.51 -3.91 0.00	28.03 -3.75 0.00	24.97 -2.98 0.00	26.86 -3.19 0.00	18.65 -1.47 0.00	17.56 -0.97 0.00

NM_ST_REGIS___HYD 24053	16.94 -0.09 0.00	16.58 -0.10 0.00	15.77 -0.10 0.00	14.99 -0.12 0.00	15.99 -0.10 0.00	17.04 -0.04 0.00	22.19 0.09 0.00	20.17 -0.03 0.00	19.40 -0.10 0.00	17.74 -0.18 0.00	18.98 -0.06 0.00	19.18 -0.06 0.00	18.70 -0.04 0.00	23.95 -0.19 0.00	25.98 -0.21 0.00	24.74 -0.12 0.00	26.85 -0.24 0.00	29.00 -0.53 0.00	31.04 -0.37 0.00	31.17 -0.61 0.00	26.81 -1.14 0.00	28.86 -1.19 0.00	19.18 -0.95 0.00	17.56 -0.98 0.00
NORTHPORT___1 23551	17.98 0.96 0.00	17.68 1.00 0.00	16.80 0.94 0.00	16.06 0.95 0.00	16.97 0.88 0.00	17.14 0.81 0.75	9.54 1.12 13.68	10.33 1.17 11.04	11.45 0.79 8.85	18.17 0.54 0.29	20.06 1.02 0.00	20.23 0.98 0.00	19.63 0.89 0.00	25.41 1.27 0.00	27.76 1.58 0.00	26.36 1.49 0.00	24.96 1.63 3.76	7.41 1.81 23.93	8.88 1.90 24.44	33.63 2.31 0.45	25.61 2.06 4.40	10.71 1.84 21.17	16.37 1.15 4.91	19.63 1.09 0.00
NORTHPORT___2 23552	17.88 0.86 0.00	17.68 1.00 0.00	16.80 0.94 0.00	16.06 0.95 0.00	16.97 0.88 0.00	17.14 0.81 0.75	9.54 1.12 13.68	10.33 1.17 11.04	11.45 0.79 8.85	18.17 0.54 0.29	20.06 1.02 0.00	20.23 0.98 0.00	19.63 0.89 0.00	25.41 1.27 0.00	27.76 1.58 0.00	26.36 1.49 0.00	24.96 1.63 3.76	7.41 1.81 23.93	8.88 1.90 24.44	33.63 2.31 0.45	25.61 2.06 4.40	10.71 1.84 21.17	16.37 1.15 4.91	19.63 1.09 0.00
NORTHPORT___3 23553	17.82 0.80 0.00	17.52 0.84 0.00	16.66 0.80 0.00	15.92 0.80 0.00	16.80 0.72 0.00	17.71 0.63 0.00	22.90 0.81 0.00	21.09 0.89 0.00	20.07 0.56 0.00	18.04 0.40 0.29	19.94 0.90 0.00	20.17 0.93 0.00	19.61 0.88 0.00	25.36 1.21 0.00	27.70 1.51 0.00	26.24 1.38 0.00	28.45 1.36 0.00	30.99 1.46 0.00	32.90 1.49 0.00	33.67 1.88 0.00	29.64 1.69 0.00	31.50 1.45 0.00	21.01 0.88 0.00	19.41 0.87 0.00
NORTHPORT___4 23650	17.82 0.80 0.00	17.52 0.84 0.00	16.66 0.80 0.00	15.92 0.80 0.00	16.80 0.72 0.00	17.71 0.63 0.00	22.90 0.81 0.00	21.09 0.89 0.00	20.07 0.56 0.00	18.04 0.40 0.29	19.94 0.90 0.00	20.17 0.93 0.00	19.61 0.88 0.00	25.36 1.21 0.00	27.70 1.51 0.00	26.24 1.38 0.00	28.45 1.36 0.00	30.99 1.46 0.00	32.90 1.49 0.00	33.67 1.88 0.00	29.64 1.69 0.00	31.50 1.45 0.00	21.01 0.88 0.00	19.41 0.87 0.00
NORTHPORT___IC 23718	17.98 0.96 0.00	17.68 1.00 0.00	16.80 0.94 0.00	16.06 0.94 0.00	16.97 0.89 0.00	17.14 0.81 0.75	9.54 1.12 13.68	10.33 1.17 11.04	11.45 0.79 8.85	18.17 0.54 0.29	20.06 1.02 0.00	20.23 0.98 0.00	19.63 0.89 0.00	25.41 1.27 0.00	27.76 1.58 0.00	26.36 1.49 0.00	24.96 1.63 3.76	7.41 1.81 23.93	8.88 1.90 24.44	33.63 2.31 0.45	25.61 2.06 4.40	10.71 1.84 21.17	16.37 1.15 4.91	19.63 1.09 0.00
NORTH___COUNTRY_ESR 323785	17.34 0.32 0.00	16.96 0.29 0.00	16.14 0.28 0.00	15.35 0.24 0.00	16.35 0.26 0.00	17.46 0.38 0.00	22.74 0.65 0.00	20.66 0.47 0.00	19.94 0.44 0.00	18.32 0.39 0.00	19.52 0.48 0.00	19.75 0.51 0.00	19.25 0.52 0.00	24.62 0.47 0.00	26.62 0.44 0.00	25.34 0.47 0.00	27.38 0.30 0.00	29.67 0.13 0.00	31.78 0.36 0.00	31.68 -0.10 0.00	27.41 -0.54 0.00	29.63 -0.41 0.00	19.65 -0.48 0.00	17.95 -0.58 0.00
NPX_GEN_1385_PROXY 323591	17.91 0.90 0.00	17.66 0.98 0.00	16.80 0.94 0.00	16.04 0.93 0.00	16.97 0.88 0.00	17.11 0.78 0.75	9.55 1.14 13.68	10.43 1.27 11.04	11.44 0.78 8.85	18.12 0.48 0.29	19.90 0.86 0.00	20.03 0.79 0.00	19.42 0.69 0.00	25.20 1.06 0.00	27.57 1.39 0.00	6.37 1.31 19.81	4.68 1.44 23.85	7.22 1.62 23.93	8.91 1.93 24.44	33.95 2.62 0.45	25.83 2.28 4.40	10.80 1.93 21.17	16.34 1.12 4.91	19.59 1.05 0.00
NPX_GEN_CSC 323557	18.28 1.26 0.00	18.01 1.33 0.00	17.06 1.20 0.00	16.36 1.25 0.00	17.32 1.23 0.00	18.25 1.17 0.00	23.79 1.70 0.00	21.90 1.70 0.00	20.67 1.17 0.00	18.20 0.56 0.29	20.24 1.20 0.00	20.29 1.05 0.00	19.57 0.84 0.00	25.39 1.25 0.00	27.66 1.48 0.00	26.40 1.54 0.00	29.14 2.05 0.00	31.82 2.29 0.00	33.86 2.44 0.00	34.72 2.94 0.00	30.54 2.59 0.00	32.43 2.38 0.00	21.70 1.57 0.00	19.95 1.42 0.00
NSINS_S_GLNS_FALLS 23858	17.40 0.38 0.00	17.06 0.38 0.00	16.24 0.37 0.00	15.55 0.44 0.00	16.58 0.49 0.00	17.74 0.66 0.00	22.97 0.88 0.00	21.01 0.81 0.00	19.87 0.36 0.00	18.08 0.15 0.00	19.13 0.09 0.00	19.28 0.04 0.00	18.72 -0.01 0.00	24.21 0.07 0.00	26.36 0.17 0.00	25.11 0.25 0.00	27.59 0.50 0.00	30.60 1.07 0.00	32.74 1.32 0.00	33.25 1.47 0.00	29.26 1.31 0.00	31.20 1.15 0.00	20.71 0.59 0.00	19.03 0.49 0.00
NUCOR_STEEL___DRP 24197	16.94 -0.08 0.00	16.52 -0.15 0.00	15.77 -0.10 0.00	15.00 -0.11 0.00	15.90 -0.19 0.00	16.96 -0.12 0.00	21.94 -0.15 0.00	20.06 -0.14 0.00	19.42 -0.09 0.00	17.90 -0.03 0.00	18.92 -0.12 0.00	19.19 -0.05 0.00	18.70 -0.03 0.00	24.06 -0.08 0.00	26.14 -0.05 0.00	24.79 -0.07 0.00	26.96 -0.12 0.00	29.36 -0.17 0.00	31.12 -0.30 0.00	31.65 -0.13 0.00	27.90 -0.05 0.00	29.84 -0.21 0.00	20.07 -0.06 0.00	18.48 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	17.17 0.15 0.00	16.79 0.11 0.00	15.97 0.11 0.00	15.20 0.09 0.00	16.20 0.11 0.00	17.27 0.19 0.00	22.37 0.28 0.00	20.26 0.06 0.00	19.36 -0.15 0.00	17.81 -0.12 0.00	18.74 -0.30 0.00	18.95 -0.29 0.00	18.48 -0.26 0.00	23.85 -0.29 0.00	26.19 0.00 0.00	24.90 0.03 0.00	27.27 0.18 0.00	29.67 0.13 0.00	31.45 0.04 0.00	32.00 0.22 0.00	27.67 -0.28 0.00	28.81 -1.23 0.00	19.19 -0.93 0.00	17.62 -0.91 0.00
NYISO_LBMP_REFERENCE 24008	17.02 0.00 0.00	16.68 0.00 0.00	15.86 0.00 0.00	15.11 0.00 0.00	16.09 0.00 0.00	17.08 0.00 0.00	22.09 0.00 0.00	20.20 0.00 0.00	19.51 0.00 0.00	17.93 0.00 0.00	19.04 0.00 0.00	19.25 0.00 0.00	18.74 0.00 0.00	24.14 0.00 0.00	26.18 0.00 0.00	24.86 0.00 0.00	27.09 0.00 0.00	29.53 0.00 0.00	31.42 0.00 0.00	31.78 0.00 0.00	27.95 0.00 0.00	30.05 0.00 0.00	20.13 0.00 0.00	18.54 0.00 0.00
NYPA_BRENTWD____GT 24164	18.17 1.15 0.00	17.85 1.18 0.00	16.96 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.54 1.44 0.00	21.66 1.46 0.00	20.56 1.05 0.00	18.39 0.75 0.28	20.25 1.21 0.00	20.42 1.18 0.00	19.81 1.07 0.00	25.66 1.52 0.00	28.05 1.87 0.00	26.69 1.82 0.00	29.13 2.05 0.00	31.79 2.26 0.00	33.81 2.39 0.00	34.50 2.72 0.00	30.42 2.47 0.00	32.35 2.30 0.00	21.58 1.45 0.00	19.87 1.34 0.00
NYPA_GOWANUS____GT5 24156	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.28 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00

NYPA_GOWANUS____GT6 24157	17.89 0.86 0.00	17.51 0.83 0.00	16.71 0.85 0.00	15.98 0.87 0.00	16.95 0.87 0.00	17.94 0.86 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.87 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.69 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.54 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.06 2.00 0.00	30.00 2.05 0.00	31.93 1.89 0.00	21.27 1.15 0.00	19.60 1.06 0.00
NYPA_HARLEM__RVR__GT1 24160	17.80 0.79 0.00	17.45 0.78 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.81 0.00	23.20 1.10 0.00	21.35 1.15 0.00	20.42 0.92 0.00	19.12 0.75 -0.44	20.04 1.00 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.37 1.23 0.00	27.61 1.42 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.09 1.67 0.00	33.83 2.05 0.00	29.83 1.88 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.98 0.00
NYPA_HARLEM__RVR__GT2 24161	17.80 0.79 0.00	17.45 0.78 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.81 0.00	23.20 1.10 0.00	21.35 1.15 0.00	20.42 0.92 0.00	19.12 0.75 -0.44	20.04 1.00 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.37 1.23 0.00	27.61 1.42 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.09 1.67 0.00	33.83 2.05 0.00	29.83 1.88 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.98 0.00
NYPA_KENT____GT 24152	17.86 0.84 0.00	17.48 0.81 0.00	16.70 0.83 0.00	15.97 0.86 0.00	16.94 0.85 0.00	17.93 0.84 0.00	23.22 1.12 0.00	21.40 1.20 0.00	20.47 0.96 0.00	19.24 0.87 -0.44	20.09 1.05 0.00	20.24 0.99 0.00	19.68 0.95 0.00	25.46 1.31 0.00	27.70 1.51 0.00	26.19 1.33 0.00	28.59 1.51 0.00	31.26 1.73 0.00	33.27 1.86 0.00	34.00 2.22 0.00	29.96 2.02 0.00	31.89 1.84 0.00	21.24 1.11 0.00	19.57 1.03 0.00
NYPA_POUCH1____GT 24155	17.86 0.84 0.00	17.49 0.82 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.94 0.85 0.00	17.93 0.84 0.00	23.20 1.10 0.00	21.37 1.17 0.00	20.42 0.92 0.00	19.17 0.80 -0.44	20.04 1.00 0.00	20.19 0.94 0.00	19.64 0.90 0.00	25.42 1.27 0.00	27.66 1.47 0.00	26.15 1.28 0.00	28.59 1.51 0.00	31.27 1.73 0.00	33.29 1.87 0.00	34.05 2.27 0.00	29.96 2.01 0.00	31.87 1.82 0.00	21.24 1.12 0.00	19.58 1.04 0.00
NYPA_VERNON____GT2 24162	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
NYPA_VERNON____GT3 24163	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
NYPA__ASTORIA_CC1 323568	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.81 0.00	15.95 0.84 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.20 0.84 -0.44	20.06 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.44 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.91 2.13 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
NYPA__ASTORIA_CC2 323569	17.81 0.79 0.00	17.45 0.77 0.00	16.68 0.81 0.00	15.95 0.84 0.00	16.92 0.83 0.00	17.90 0.82 0.00	23.18 1.09 0.00	21.36 1.17 0.00	20.44 0.93 0.00	19.20 0.84 -0.44	20.06 1.02 0.00	20.20 0.95 0.00	19.65 0.91 0.00	25.40 1.26 0.00	27.63 1.44 0.00	26.13 1.27 0.00	28.52 1.44 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.91 2.13 0.00	29.88 1.93 0.00	31.81 1.76 0.00	21.18 1.05 0.00	19.52 0.98 0.00
NYPA__HOLTSVILL 23794	18.16 1.14 0.00	17.85 1.18 0.00	16.95 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.55 1.46 0.00	21.67 1.47 0.00	20.54 1.03 0.00	18.31 0.67 0.29	20.21 1.17 0.00	20.35 1.10 0.00	19.71 0.97 0.00	25.54 1.40 0.00	27.90 1.71 0.00	26.56 1.69 0.00	29.08 1.99 0.00	31.74 2.20 0.00	33.73 2.31 0.00	34.53 2.75 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.56 1.43 0.00	19.85 1.31 0.00
NYPA____HELLGATE_GT1 24158	17.80 0.79 0.00	17.45 0.78 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.81 0.00	23.20 1.10 0.00	21.35 1.15 0.00	20.42 0.92 0.00	19.12 0.75 -0.44	20.04 1.00 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.37 1.23 0.00	27.61 1.42 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.07 1.66 0.00	33.83 2.05 0.00	29.83 1.88 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.98 0.00
NYPA____HELLGATE_GT2 24159	17.80 0.79 0.00	17.45 0.78 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.90 0.81 0.00	23.20 1.10 0.00	21.35 1.15 0.00	20.42 0.92 0.00	19.12 0.75 -0.44	20.04 1.00 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.37 1.23 0.00	27.61 1.42 0.00	26.10 1.24 0.00	28.46 1.38 0.00	31.10 1.57 0.00	33.07 1.66 0.00	33.83 2.05 0.00	29.83 1.88 0.00	31.80 1.76 0.00	21.17 1.04 0.00	19.52 0.98 0.00
NYS_BARGE__HYD 23848	15.97 -1.05 0.00	15.65 -1.03 0.00	14.85 -1.01 0.00	14.02 -1.09 0.00	14.93 -1.16 0.00	15.71 -1.37 0.00	20.12 -1.97 0.00	18.58 -1.62 0.00	18.30 -1.20 0.00	17.04 -0.89 0.00	18.15 -0.89 0.00	18.45 -0.79 0.00	17.93 -0.81 0.00	22.90 -1.25 0.00	24.51 -1.68 0.00	23.42 -1.45 0.00	25.16 -1.93 0.00	26.90 -2.64 0.00	28.28 -3.13 0.00	28.80 -2.98 0.00	25.64 -2.31 0.00	27.55 -2.50 0.00	19.07 -1.06 0.00	17.91 -0.62 0.00
OAK ORCHARD__HYD 24046	16.44 -0.58 0.00	16.10 -0.58 0.00	15.29 -0.58 0.00	14.49 -0.62 0.00	15.44 -0.65 0.00	16.38 -0.70 0.00	21.09 -1.00 0.00	19.42 -0.77 0.00	18.94 -0.56 0.00	17.53 -0.40 0.00	18.66 -0.38 0.00	18.92 -0.32 0.00	18.39 -0.34 0.00	23.63 -0.51 0.00	25.48 -0.70 0.00	24.28 -0.59 0.00	26.21 -0.87 0.00	28.29 -1.25 0.00	29.90 -1.52 0.00	30.41 -1.37 0.00	26.94 -1.02 0.00	28.85 -1.20 0.00	19.66 -0.47 0.00	18.27 -0.26 0.00
OAKDALE__35_KV_LOAD 356122	16.93 -0.09 0.00	16.60 -0.08 0.00	15.77 -0.09 0.00	15.00 -0.11 0.00	15.95 -0.13 0.00	16.90 -0.18 0.00	21.80 -0.30 0.00	20.11 -0.09 0.00	19.36 -0.15 0.00	17.87 -0.06 0.00	18.98 -0.06 0.00	19.23 -0.02 0.00	18.70 -0.03 0.00	24.12 -0.02 0.00	26.07 -0.12 0.00	24.70 -0.16 0.00	26.82 -0.27 0.00	29.16 -0.38 0.00	30.96 -0.46 0.00	31.56 -0.22 0.00	27.78 -0.17 0.00	29.67 -0.38 0.00	20.02 -0.10 0.00	18.49 -0.04 0.00

OCC_CHEM___DRP 24175	15.66 -1.36 0.00	15.34 -1.33 0.00	14.54 -1.32 0.00	13.75 -1.36 0.00	14.62 -1.46 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
OH_GEN_PROXY 24063	15.90 -1.12 0.00	15.59 -1.09 0.00	14.80 -1.07 0.00	13.98 -1.13 0.00	14.88 -1.20 0.00	15.73 -1.35 0.00	20.13 -1.96 0.00	18.56 -1.64 0.00	18.21 -1.29 0.00	16.91 -1.02 0.00	18.02 -1.03 0.00	18.29 -0.95 0.00	17.78 -0.95 0.00	22.77 -1.37 0.00	24.46 -1.72 0.00	23.35 -1.52 0.00	25.08 -2.01 0.00	26.85 -2.68 0.00	28.27 -3.15 0.00	28.81 -2.97 0.00	25.62 -2.33 0.00	27.52 -2.52 0.00	19.02 -1.10 0.00	17.83 -0.71 0.00
OLIN_CORP_DRP 24177	15.75 -1.27 0.00	15.43 -1.25 0.00	14.62 -1.24 0.00	13.82 -1.29 0.00	14.70 -1.39 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
OLIN_CORP_DSASP 323712	15.66 -1.36 0.00	15.34 -1.34 0.00	14.56 -1.30 0.00	13.75 -1.36 0.00	14.64 -1.44 0.00	15.43 -1.65 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.72 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.14 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.77 0.00	28.17 -3.61 0.00	25.09 -2.86 0.00	26.99 -3.06 0.00	18.73 -1.40 0.00	17.62 -0.91 0.00
ONEIDA_HERK_LFGE 323681	17.29 0.27 0.00	16.92 0.24 0.00	16.09 0.22 0.00	15.32 0.21 0.00	16.32 0.24 0.00	17.38 0.30 0.00	22.51 0.42 0.00	20.51 0.31 0.00	19.68 0.17 0.00	18.06 0.14 0.00	19.08 0.05 0.00	19.29 0.05 0.00	18.77 0.04 0.00	24.25 0.11 0.00	26.50 0.32 0.00	25.21 0.35 0.00	27.54 0.45 0.00	30.01 0.48 0.00	31.88 0.47 0.00	32.38 0.60 0.00	28.30 0.35 0.00	29.97 -0.08 0.00	20.01 -0.11 0.00	18.39 -0.14 0.00
ONEIDA___115KV_TB4 55905	17.36 0.34 0.00	16.99 0.32 0.00	16.16 0.29 0.00	15.38 0.28 0.00	16.39 0.30 0.00	17.43 0.35 0.00	22.59 0.49 0.00	20.64 0.44 0.00	19.84 0.33 0.00	18.16 0.24 0.00	19.22 0.17 0.00	19.45 0.20 0.00	18.91 0.18 0.00	24.47 0.33 0.00	26.71 0.53 0.00	25.44 0.58 0.00	27.70 0.61 0.00	30.20 0.67 0.00	32.08 0.66 0.00	32.57 0.79 0.00	28.65 0.69 0.00	30.53 0.48 0.00	20.42 0.29 0.00	18.78 0.25 0.00
ONONDAGA_REF_OCCRA 23987	16.86 -0.16 0.00	16.51 -0.16 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.90 -0.19 0.00	16.89 -0.19 0.00	21.86 -0.23 0.00	20.06 -0.13 0.00	19.36 -0.15 0.00	17.80 -0.13 0.00	18.88 -0.16 0.00	19.13 -0.11 0.00	18.59 -0.14 0.00	24.01 -0.13 0.00	26.04 -0.14 0.00	24.73 -0.14 0.00	26.86 -0.22 0.00	29.27 -0.26 0.00	31.10 -0.32 0.00	31.60 -0.19 0.00	27.82 -0.13 0.00	29.74 -0.31 0.00	19.99 -0.14 0.00	18.43 -0.10 0.00
ONONDAGA___COGEN 23986	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
ONTARIO___LFGE 23819	16.77 -0.25 0.00	16.43 -0.24 0.00	15.59 -0.27 0.00	14.79 -0.32 0.00	15.75 -0.34 0.00	16.71 -0.37 0.00	21.60 -0.50 0.00	19.95 -0.25 0.00	19.31 -0.19 0.00	17.88 -0.05 0.00	19.01 -0.03 0.00	19.24 -0.01 0.00	18.71 -0.02 0.00	24.12 -0.03 0.00	26.00 -0.18 0.00	24.63 -0.23 0.00	26.68 -0.41 0.00	28.90 -0.64 0.00	30.61 -0.81 0.00	31.22 -0.57 0.00	27.50 -0.45 0.00	29.37 -0.67 0.00	19.89 -0.24 0.00	18.44 -0.10 0.00
ORANGEVILLE_WT_PWR 323706	16.17 -0.84 0.00	15.83 -0.84 0.00	14.97 -0.89 0.00	14.11 -1.00 0.00	14.98 -1.11 0.00	15.78 -1.30 0.00	20.29 -1.80 0.00	18.90 -1.30 0.00	18.56 -0.95 0.00	17.35 -0.58 0.00	18.41 -0.63 0.00	18.70 -0.55 0.00	18.20 -0.54 0.00	23.38 -0.76 0.00	24.99 -1.20 0.00	23.70 -1.16 0.00	25.40 -1.69 0.00	27.29 -2.24 0.00	28.87 -2.54 0.00	29.36 -2.43 0.00	25.89 -2.06 0.00	27.63 -2.42 0.00	19.04 -1.09 0.00	17.93 -0.61 0.00
ORANGEVILLE___ESR 323794	16.17 -0.84 0.00	15.83 -0.84 0.00	14.97 -0.89 0.00	14.11 -1.00 0.00	14.98 -1.11 0.00	15.78 -1.30 0.00	20.29 -1.80 0.00	18.90 -1.30 0.00	18.56 -0.95 0.00	17.35 -0.58 0.00	18.41 -0.63 0.00	18.70 -0.55 0.00	18.20 -0.54 0.00	23.38 -0.76 0.00	24.99 -1.20 0.00	23.70 -1.16 0.00	25.40 -1.69 0.00	27.29 -2.24 0.00	28.87 -2.54 0.00	29.36 -2.43 0.00	25.89 -2.06 0.00	27.63 -2.42 0.00	19.04 -1.09 0.00	17.93 -0.61 0.00
OSWEGATCHIE___HYD 24044	16.86 -0.16 0.00	16.50 -0.18 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.92 -0.17 0.00	16.97 -0.11 0.00	22.04 -0.06 0.00	19.98 -0.22 0.00	19.13 -0.38 0.00	17.55 -0.38 0.00	18.62 -0.42 0.00	18.80 -0.44 0.00	18.33 -0.40 0.00	23.59 -0.56 0.00	25.79 -0.39 0.00	24.52 -0.34 0.00	26.77 -0.32 0.00	29.04 -0.49 0.00	30.95 -0.47 0.00	31.32 -0.46 0.00	27.13 -0.82 0.00	28.40 -1.64 0.00	18.98 -1.15 0.00	17.41 -1.13 0.00
OSWEGO___5 23606	16.55 -0.46 0.00	16.22 -0.46 0.00	15.42 -0.45 0.00	14.68 -0.43 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.44 -0.65 0.00	19.66 -0.54 0.00	18.98 -0.52 0.00	17.47 -0.46 0.00	18.55 -0.49 0.00	18.77 -0.48 0.00	18.27 -0.46 0.00	23.55 -0.59 0.00	25.52 -0.66 0.00	24.23 -0.63 0.00	26.35 -0.74 0.00	28.69 -0.85 0.00	30.48 -0.94 0.00	30.93 -0.85 0.00	27.24 -0.71 0.00	29.17 -0.88 0.00	19.61 -0.52 0.00	18.09 -0.44 0.00
OSWEGO___6 23613	16.55 -0.46 0.00	16.22 -0.46 0.00	15.42 -0.45 0.00	14.68 -0.43 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.44 -0.65 0.00	19.66 -0.54 0.00	18.98 -0.52 0.00	17.47 -0.46 0.00	18.55 -0.49 0.00	18.77 -0.48 0.00	18.27 -0.46 0.00	23.55 -0.59 0.00	25.52 -0.66 0.00	24.23 -0.63 0.00	26.35 -0.74 0.00	28.69 -0.85 0.00	30.48 -0.94 0.00	30.93 -0.85 0.00	27.24 -0.71 0.00	29.17 -0.88 0.00	19.61 -0.52 0.00	18.09 -0.44 0.00
OUTOKUMPU-AB___DRP 24206	16.08 -0.94 0.00	15.76 -0.92 0.00	14.94 -0.92 0.00	14.12 -0.99 0.00	15.01 -1.07 0.00	15.83 -1.25 0.00	20.31 -1.79 0.00	18.76 -1.43 0.00	18.47 -1.03 0.00	17.21 -0.72 0.00	18.33 -0.71 0.00	18.62 -0.62 0.00	18.09 -0.64 0.00	23.12 -1.02 0.00	24.78 -1.40 0.00	23.65 -1.22 0.00	25.40 -1.69 0.00	27.17 -2.37 0.00	28.58 -2.84 0.00	29.11 -2.67 0.00	25.88 -2.07 0.00	27.79 -2.26 0.00	19.24 -0.88 0.00	18.05 -0.49 0.00

OXBOW___BTM 323836	15.87 -1.15 0.00	15.55 -1.12 0.00	14.77 -1.10 0.00	13.93 -1.18 0.00	14.84 -1.25 0.00	15.64 -1.44 0.00	20.04 -2.06 0.00	18.49 -1.71 0.00	18.23 -1.27 0.00	16.98 -0.95 0.00	18.09 -0.95 0.00	18.38 -0.86 0.00	17.86 -0.87 0.00	22.80 -1.34 0.00	24.42 -1.77 0.00	23.32 -1.55 0.00	25.04 -2.04 0.00	26.77 -2.76 0.00	28.14 -3.28 0.00	28.66 -3.12 0.00	25.51 -2.44 0.00	27.41 -2.64 0.00	18.99 -1.13 0.00	17.84 -0.69 0.00
OXBOW____ 24026	15.87 -1.15 0.00	15.55 -1.12 0.00	14.75 -1.12 0.00	13.93 -1.18 0.00	14.82 -1.27 0.00	15.63 -1.46 0.00	20.04 -2.06 0.00	18.49 -1.71 0.00	18.23 -1.27 0.00	16.98 -0.95 0.00	18.09 -0.95 0.00	18.38 -0.86 0.00	17.86 -0.87 0.00	22.81 -1.34 0.00	24.42 -1.77 0.00	23.32 -1.55 0.00	25.04 -2.05 0.00	26.77 -2.76 0.00	28.14 -3.28 0.00	28.67 -3.12 0.00	25.51 -2.44 0.00	27.41 -2.64 0.00	19.00 -1.13 0.00	17.84 -0.69 0.00
OXY_CHEM_DSASP 323612	15.66 -1.36 0.00	15.34 -1.33 0.00	14.54 -1.32 0.00	13.75 -1.36 0.00	14.62 -1.46 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
OZONE_PARK_ESR 323760	17.93 0.91 0.00	17.56 0.88 0.00	16.77 0.91 0.00	16.03 0.92 0.00	17.01 0.93 0.00	18.00 0.92 0.00	23.31 1.22 0.00	21.51 1.31 0.00	20.57 1.07 0.00	19.32 1.00 -0.39	20.19 1.15 0.00	20.34 1.10 0.00	19.78 1.05 0.00	25.59 1.44 0.00	27.83 1.64 0.00	26.34 1.47 0.00	28.74 1.66 0.00	31.42 1.89 0.00	33.44 2.03 0.00	34.16 2.37 0.00	30.12 2.17 0.00	32.05 2.01 0.00	21.34 1.22 0.00	19.65 1.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.66 -1.36 0.00	15.34 -1.33 0.00	14.54 -1.32 0.00	13.75 -1.36 0.00	14.62 -1.46 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
PACKARD__115KV_DUPONT_184 80571	15.66 -1.36 0.00	15.34 -1.33 0.00	14.54 -1.32 0.00	13.75 -1.36 0.00	14.62 -1.46 0.00	15.42 -1.66 0.00	19.74 -2.36 0.00	18.20 -1.99 0.00	17.96 -1.55 0.00	16.73 -1.20 0.00	17.82 -1.22 0.00	18.12 -1.13 0.00	17.60 -1.13 0.00	22.45 -1.69 0.00	24.01 -2.17 0.00	22.95 -1.91 0.00	24.65 -2.43 0.00	26.33 -3.20 0.00	27.65 -3.76 0.00	28.18 -3.60 0.00	25.10 -2.85 0.00	26.99 -3.06 0.00	18.74 -1.39 0.00	17.62 -0.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.77 0.74 0.00	17.42 0.74 0.00	16.68 0.82 0.00	15.95 0.84 0.00	16.93 0.84 0.00	17.90 0.82 0.00	23.20 1.11 0.00	21.36 1.16 0.00	20.42 0.91 0.00	19.13 0.76 -0.44	19.99 0.95 0.00	20.13 0.88 0.00	19.58 0.85 0.00	25.31 1.17 0.00	27.54 1.36 0.00	26.04 1.18 0.00	28.42 1.33 0.00	31.07 1.53 0.00	33.07 1.66 0.00	33.82 2.04 0.00	29.82 1.87 0.00	31.76 1.71 0.00	21.13 1.00 0.00	19.48 0.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.77 0.75 0.00	17.44 0.76 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.93 0.85 0.00	23.24 1.15 0.00	21.37 1.17 0.00	20.47 0.96 0.00	19.17 0.81 -0.44	20.00 0.96 0.00	20.13 0.88 0.00	19.58 0.85 0.00	25.32 1.17 0.00	27.55 1.36 0.00	26.06 1.20 0.00	28.44 1.35 0.00	31.09 1.56 0.00	33.13 1.71 0.00	33.91 2.12 0.00	29.89 1.94 0.00	31.83 1.78 0.00	21.16 1.03 0.00	19.52 0.98 0.00
PATROON__115KV_TB1 80586	17.24 0.22 0.00	16.91 0.23 0.00	16.10 0.24 0.00	15.39 0.28 0.00	16.37 0.28 0.00	17.39 0.31 0.00	22.45 0.36 0.00	20.50 0.31 0.00	19.64 0.14 0.00	17.97 0.04 0.00	19.00 -0.04 0.00	19.18 -0.07 0.00	18.68 -0.05 0.00	24.12 -0.02 0.00	26.24 0.06 0.00	24.91 0.05 0.00	27.33 0.24 0.00	29.94 0.41 0.00	31.93 0.51 0.00	32.42 0.64 0.00	28.48 0.53 0.00	30.45 0.41 0.00	20.35 0.23 0.00	18.72 0.18 0.00
PATTRSNVILLE__SOLAR 323815	17.52 0.50 0.00	17.16 0.49 0.00	16.32 0.46 0.00	15.57 0.46 0.00	16.57 0.48 0.00	17.63 0.55 0.00	22.92 0.82 0.00	20.95 0.76 0.00	20.01 0.50 0.00	18.29 0.36 0.00	19.39 0.34 0.00	19.57 0.33 0.00	19.05 0.31 0.00	24.58 0.44 0.00	26.74 0.56 0.00	25.46 0.60 0.00	27.89 0.80 0.00	30.55 1.02 0.00	32.55 1.14 0.00	33.04 1.26 0.00	29.05 1.10 0.00	31.11 1.06 0.00	20.80 0.67 0.00	19.15 0.61 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.43 -0.59 0.00	16.10 -0.58 0.00	15.25 -0.61 0.00	14.43 -0.68 0.00	15.33 -0.75 0.00	16.19 -0.89 0.00	20.80 -1.29 0.00	19.23 -0.97 0.00	18.84 -0.67 0.00	17.52 -0.41 0.00	18.64 -0.40 0.00	18.93 -0.31 0.00	18.39 -0.34 0.00	23.59 -0.56 0.00	25.34 -0.85 0.00	24.12 -0.74 0.00	25.94 -1.15 0.00	27.83 -1.71 0.00	29.31 -2.10 0.00	29.91 -1.87 0.00	26.51 -1.44 0.00	28.40 -1.65 0.00	19.61 -0.52 0.00	18.33 -0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.85 0.83 0.00	17.49 0.81 0.00	16.66 0.80 0.00	15.93 0.82 0.00	16.92 0.84 0.00	17.95 0.87 0.00	23.25 1.16 0.00	21.40 1.20 0.00	20.45 0.94 0.00	18.77 0.84 0.00	20.00 0.96 0.00	20.18 0.93 0.00	19.63 0.90 0.00	25.40 1.26 0.00	27.61 1.43 0.00	26.16 1.30 0.00	28.60 1.51 0.00	31.33 1.80 0.00	33.42 2.00 0.00	34.09 2.31 0.00	30.03 2.08 0.00	31.96 1.92 0.00	21.30 1.17 0.00	19.60 1.06 0.00
PEEKSKILL____ 23653	17.69 0.68 0.00	17.34 0.66 0.00	16.52 0.66 0.00	15.80 0.69 0.00	16.77 0.68 0.00	17.77 0.69 0.00	22.98 0.89 0.00	21.15 0.96 0.00	20.22 0.71 0.00	18.60 0.66 -0.01	19.84 0.79 0.00	19.99 0.75 0.00	19.46 0.72 0.00	25.15 1.01 0.00	27.35 1.17 0.00	25.89 1.02 0.00	28.28 1.19 0.00	30.95 1.42 0.00	32.97 1.56 0.00	33.65 1.87 0.00	29.65 1.70 0.00	31.56 1.52 0.00	21.05 0.92 0.00	19.38 0.85 0.00
PGE MADISON__WINDPWR 24146	18.06 1.04 0.00	17.69 1.01 0.00	16.87 1.00 0.00	16.03 0.92 0.00	17.00 0.91 0.00	17.99 0.91 0.00	23.21 1.11 0.00	21.26 1.06 0.00	20.40 0.90 0.00	18.71 0.78 0.00	19.63 0.59 0.00	20.18 0.94 0.00	19.72 0.99 0.00	25.67 1.53 0.00	27.83 1.65 0.00	26.46 1.60 0.00	28.43 1.34 0.00	30.96 1.43 0.00	32.76 1.35 0.00	33.18 1.40 0.00	29.18 1.23 0.00	30.83 0.79 0.00	20.80 0.67 0.00	19.25 0.72 0.00
PIERCEFIELD__HYD 23852	16.77 -0.25 0.00	16.41 -0.26 0.00	15.61 -0.25 0.00	14.84 -0.28 0.00	15.83 -0.26 0.00	16.86 -0.22 0.00	21.93 -0.16 0.00	19.93 -0.26 0.00	19.18 -0.33 0.00	17.52 -0.41 0.00	18.75 -0.29 0.00	18.95 -0.29 0.00	18.48 -0.25 0.00	23.70 -0.45 0.00	25.72 -0.46 0.00	24.50 -0.37 0.00	26.62 -0.46 0.00	28.72 -0.81 0.00	30.72 -0.70 0.00	30.91 -0.87 0.00	26.55 -1.39 0.00	28.55 -1.49 0.00	19.00 -1.13 0.00	17.40 -1.14 0.00

PINELAWN_CC_1 323563	18.03 1.01 0.00	17.71 1.03 0.00	16.83 0.97 0.00	16.09 0.97 0.00	17.02 0.94 0.00	17.99 0.91 0.00	23.34 1.25 0.00	21.50 1.30 0.00	20.43 0.92 0.00	18.35 0.68 0.26	20.13 1.09 0.00	20.30 1.05 0.00	19.71 0.98 0.00	25.50 1.35 0.00	27.90 1.72 0.00	26.52 1.66 0.00	28.93 1.84 0.00	31.54 2.01 0.00	33.56 2.14 0.00	34.31 2.52 0.00	30.22 2.27 0.00	32.11 2.06 0.00	21.41 1.28 0.00	19.71 1.18 0.00
PJM_GEN_HTP_PROXY 323702	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.76 0.00	15.90 0.79 0.00	16.88 0.79 0.00	17.86 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.09 0.83 -0.33	20.01 0.97 0.00	20.16 0.92 0.00	19.61 0.87 0.00	25.35 1.21 0.00	27.57 1.38 0.00	26.08 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.83 1.88 0.00	31.74 1.69 0.00	21.13 1.01 0.00	19.48 0.94 0.00
PJM_GEN_KEystone 24065	17.04 0.02 0.00	16.71 0.03 0.00	15.90 0.03 0.00	15.14 0.03 0.00	16.08 0.00 0.00	17.49 -0.07 -0.48	-9.63 -0.21 31.51	22.79 -0.03 -2.62	17.59 -0.12 1.80	17.96 0.00 -0.03	19.07 0.03 0.00	19.27 0.02 0.00	18.73 -0.01 0.00	24.16 0.02 0.00	26.15 -0.03 0.00	24.79 -0.08 0.00	26.94 -0.15 0.00	29.27 -0.26 0.00	28.85 -0.33 2.23	31.81 0.02 0.00	28.06 0.11 0.00	29.92 -0.12 0.00	21.73 0.09 -1.51	-10.94 0.18 29.65
PJM_GEN_NEPTUNE_PROXY 323594	17.83 0.81 0.00	17.50 0.83 0.00	16.65 0.78 0.00	15.92 0.81 0.00	16.86 0.77 0.00	17.82 0.74 0.00	23.07 0.98 0.00	21.24 1.05 0.00	20.24 0.73 0.00	18.21 0.59 0.31	19.96 0.92 0.00	20.13 0.89 0.00	19.59 0.86 0.00	25.31 1.17 0.00	27.64 1.45 0.00	26.20 1.33 0.00	28.55 1.47 0.00	31.17 1.64 0.00	33.15 1.74 0.00	33.88 2.10 0.00	29.85 1.90 0.00	31.73 1.68 0.00	21.17 1.04 0.00	19.50 0.97 0.00
PJM_GEN_VFT_PROXY 323633	17.73 0.71 0.00	17.37 0.69 0.00	16.58 0.72 0.00	15.87 0.75 0.00	16.84 0.75 0.00	17.81 0.73 0.00	23.03 0.94 0.00	21.23 1.04 0.00	20.30 0.79 0.00	19.09 0.77 -0.39	19.93 0.89 0.00	20.08 0.83 0.00	19.53 0.80 0.00	25.26 1.11 0.00	27.45 1.27 0.00	25.96 1.10 0.00	28.34 1.25 0.00	30.99 1.45 0.00	32.98 1.56 0.00	33.71 1.92 0.00	29.73 1.78 0.00	31.62 1.58 0.00	21.06 0.93 0.00	19.41 0.87 0.00
PLATSBRG_115KV_PMLD1 355749	17.72 0.70 0.00	17.31 0.64 0.00	16.50 0.64 0.00	15.73 0.61 0.00	16.72 0.64 0.00	17.95 0.87 0.00	23.44 1.35 0.00	21.28 1.08 0.00	20.39 0.88 0.00	18.69 0.76 0.00	19.94 0.90 0.00	20.17 0.93 0.00	19.69 0.95 0.00	25.18 1.04 0.00	27.24 1.05 0.00	25.99 1.12 0.00	28.04 0.96 0.00	30.39 0.86 0.00	32.57 1.16 0.00	32.42 0.64 0.00	27.93 -0.02 0.00	30.01 -0.04 0.00	19.79 -0.34 0.00	18.06 -0.47 0.00
PLEASANTVLY___LBMP 24000	17.55 0.52 0.00	17.21 0.53 0.00	16.39 0.53 0.00	15.69 0.57 0.00	16.66 0.57 0.00	17.65 0.57 0.00	22.83 0.73 0.00	20.98 0.79 0.00	20.05 0.54 0.00	18.42 0.49 0.00	19.63 0.59 0.00	19.79 0.55 0.00	19.27 0.53 0.00	24.88 0.73 0.00	27.04 0.86 0.00	25.61 0.74 0.00	27.99 0.90 0.00	30.67 1.14 0.00	32.73 1.31 0.00	33.37 1.59 0.00	29.38 1.43 0.00	31.30 1.25 0.00	20.87 0.75 0.00	19.24 0.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.69 0.67 0.00	17.34 0.66 0.00	16.52 0.66 0.00	15.80 0.69 0.00	16.78 0.69 0.00	17.78 0.70 0.00	22.99 0.90 0.00	21.17 0.97 0.00	20.22 0.72 0.00	18.57 0.65 0.01	19.83 0.79 0.00	19.98 0.75 0.00	19.45 0.72 0.00	25.13 0.99 0.00	27.33 1.14 0.00	25.87 1.01 0.00	28.26 1.18 0.00	30.94 1.40 0.00	32.98 1.56 0.00	33.65 1.87 0.00	29.65 1.69 0.00	31.56 1.52 0.00	21.04 0.91 0.00	19.39 0.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.69 0.67 0.00	17.34 0.66 0.00	16.52 0.66 0.00	15.80 0.69 0.00	16.78 0.69 0.00	17.78 0.70 0.00	22.99 0.90 0.00	21.17 0.97 0.00	20.22 0.72 0.00	18.57 0.65 0.01	19.83 0.79 0.00	19.98 0.75 0.00	19.45 0.72 0.00	25.13 0.99 0.00	27.33 1.14 0.00	25.87 1.01 0.00	28.26 1.18 0.00	30.94 1.40 0.00	32.98 1.56 0.00	33.65 1.87 0.00	29.65 1.69 0.00	31.56 1.52 0.00	21.04 0.91 0.00	19.39 0.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.92 0.90 0.00	17.55 0.88 0.00	16.72 0.86 0.00	15.98 0.87 0.00	16.99 0.90 0.00	18.03 0.95 0.00	23.36 1.27 0.00	21.49 1.29 0.00	20.51 1.01 0.00	18.79 0.87 0.00	19.99 0.95 0.00	20.17 0.93 0.00	19.64 0.90 0.00	25.44 1.30 0.00	27.65 1.47 0.00	26.18 1.32 0.00	28.68 1.59 0.00	31.45 1.92 0.00	33.56 2.14 0.00	34.25 2.47 0.00	30.17 2.22 0.00	32.11 2.06 0.00	21.40 1.27 0.00	19.68 1.14 0.00
POLETTI____ 23519	17.76 0.74 0.00	17.41 0.73 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.88 0.80 0.00	17.86 0.78 0.00	23.10 1.01 0.00	21.30 1.10 0.00	20.37 0.86 0.00	19.14 0.82 -0.39	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.86 0.00	25.34 1.20 0.00	27.55 1.36 0.00	26.06 1.20 0.00	28.43 1.35 0.00	31.10 1.56 0.00	33.09 1.68 0.00	33.80 2.02 0.00	29.79 1.84 0.00	31.71 1.67 0.00	21.12 0.99 0.00	19.47 0.93 0.00
POMONA___ESR 323819	17.65 0.63 0.00	17.28 0.61 0.00	16.47 0.61 0.00	15.75 0.64 0.00	16.73 0.64 0.00	17.71 0.63 0.00	22.89 0.80 0.00	21.07 0.88 0.00	20.13 0.63 0.00	18.54 0.61 0.00	19.75 0.71 0.00	19.90 0.65 0.00	19.38 0.65 0.00	25.05 0.90 0.00	27.21 1.03 0.00	25.75 0.89 0.00	28.14 1.06 0.00	30.79 1.26 0.00	32.80 1.39 0.00	33.50 1.72 0.00	29.53 1.58 0.00	31.44 1.39 0.00	20.97 0.85 0.00	19.31 0.77 0.00
PORT_JEFF_3 23555	18.19 1.17 0.00	17.87 1.20 0.00	16.97 1.11 0.00	16.24 1.13 0.00	17.19 1.10 0.00	18.14 1.06 0.00	23.58 1.49 0.00	21.71 1.51 0.00	20.55 1.04 0.00	18.31 0.67 0.29	20.23 1.19 0.00	20.37 1.14 0.00	19.73 0.99 0.00	25.57 1.43 0.00	27.93 1.75 0.00	26.61 1.74 0.00	29.13 2.04 0.00	31.80 2.26 0.00	33.76 2.35 0.00	34.57 2.79 0.00	30.43 2.48 0.00	32.32 2.27 0.00	21.60 1.47 0.00	19.87 1.34 0.00
PORT_JEFF_4 23616	18.19 1.17 0.00	17.87 1.20 0.00	16.97 1.11 0.00	16.24 1.13 0.00	17.19 1.10 0.00	18.14 1.06 0.00	23.58 1.49 0.00	21.71 1.51 0.00	20.55 1.04 0.00	18.31 0.67 0.29	20.23 1.19 0.00	20.37 1.14 0.00	19.73 0.99 0.00	25.57 1.43 0.00	27.93 1.75 0.00	26.61 1.74 0.00	29.13 2.04 0.00	31.80 2.26 0.00	33.76 2.35 0.00	34.57 2.79 0.00	30.43 2.48 0.00	32.32 2.27 0.00	21.60 1.47 0.00	19.87 1.34 0.00
PORT_JEFF_IC 23713	18.20 1.17 0.00	17.89 1.21 0.00	16.99 1.12 0.00	16.25 1.14 0.00	17.20 1.11 0.00	18.15 1.07 0.00	23.60 1.50 0.00	21.72 1.52 0.00	20.52 1.01 0.00	18.28 0.64 0.29	20.24 1.20 0.00	20.37 1.14 0.00	19.73 0.99 0.00	25.57 1.43 0.00	27.93 1.75 0.00	26.62 1.76 0.00	29.14 2.06 0.00	31.81 2.28 0.00	33.72 2.31 0.00	34.54 2.76 0.00	30.40 2.45 0.00	32.28 2.24 0.00	21.61 1.48 0.00	19.89 1.35 0.00

PPL PILGRIM_ST_GT1 24216	18.17 1.15 0.00	17.85 1.18 0.00	16.96 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.54 1.44 0.00	21.66 1.46 0.00	20.56 1.05 0.00	18.39 0.75 0.28	20.25 1.21 0.00	20.42 1.18 0.00	19.81 1.07 0.00	25.66 1.52 0.00	28.05 1.87 0.00	26.69 1.82 0.00	29.13 2.05 0.00	31.79 2.26 0.00	33.81 2.39 0.00	34.50 2.72 0.00	30.42 2.47 0.00	32.35 2.30 0.00	21.58 1.45 0.00	19.87 1.34 0.00
PPL PILGRIM_ST_GT2 24217	18.17 1.15 0.00	17.85 1.18 0.00	16.96 1.09 0.00	16.22 1.11 0.00	17.16 1.07 0.00	18.11 1.03 0.00	23.54 1.44 0.00	21.66 1.46 0.00	20.56 1.05 0.00	18.39 0.75 0.28	20.25 1.21 0.00	20.42 1.18 0.00	19.81 1.07 0.00	25.66 1.52 0.00	28.05 1.87 0.00	26.69 1.82 0.00	29.13 2.05 0.00	31.79 2.26 0.00	33.81 2.39 0.00	34.50 2.72 0.00	30.42 2.47 0.00	32.35 2.30 0.00	21.58 1.45 0.00	19.87 1.34 0.00
PPL_SHRM_GT3 24213	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.69 1.18 0.00	18.23 0.59 0.29	20.24 1.20 0.00	20.30 1.06 0.00	19.58 0.85 0.00	25.40 1.26 0.00	27.67 1.49 0.00	26.42 1.55 0.00	29.15 2.06 0.00	31.84 2.30 0.00	33.88 2.46 0.00	34.75 2.97 0.00	30.58 2.63 0.00	32.46 2.42 0.00	21.71 1.59 0.00	19.96 1.42 0.00
PPL_SHRM_GT4 24214	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.69 1.18 0.00	18.23 0.59 0.29	20.24 1.20 0.00	20.30 1.06 0.00	19.58 0.85 0.00	25.40 1.26 0.00	27.67 1.49 0.00	26.42 1.55 0.00	29.15 2.06 0.00	31.84 2.30 0.00	33.88 2.46 0.00	34.75 2.97 0.00	30.58 2.63 0.00	32.46 2.42 0.00	21.71 1.59 0.00	19.96 1.42 0.00
PROJECT___ORANGE 1 24174	16.72 -0.30 0.00	16.38 -0.30 0.00	15.56 -0.31 0.00	14.81 -0.30 0.00	15.76 -0.32 0.00	16.74 -0.34 0.00	21.65 -0.44 0.00	19.88 -0.32 0.00	19.19 -0.32 0.00	17.66 -0.27 0.00	18.76 -0.28 0.00	18.99 -0.26 0.00	18.47 -0.27 0.00	23.84 -0.31 0.00	25.83 -0.35 0.00	24.52 -0.34 0.00	26.65 -0.44 0.00	29.01 -0.52 0.00	30.80 -0.62 0.00	31.29 -0.49 0.00	27.56 -0.39 0.00	29.48 -0.57 0.00	19.83 -0.30 0.00	18.30 -0.23 0.00
PROJECT___ORANGE 2 24166	16.72 -0.30 0.00	16.38 -0.30 0.00	15.56 -0.31 0.00	14.81 -0.30 0.00	15.76 -0.32 0.00	16.74 -0.34 0.00	21.65 -0.44 0.00	19.88 -0.32 0.00	19.19 -0.32 0.00	17.66 -0.27 0.00	18.76 -0.28 0.00	18.99 -0.26 0.00	18.47 -0.27 0.00	23.84 -0.31 0.00	25.83 -0.35 0.00	24.52 -0.34 0.00	26.65 -0.44 0.00	29.01 -0.52 0.00	30.80 -0.62 0.00	31.29 -0.49 0.00	27.56 -0.39 0.00	29.48 -0.57 0.00	19.83 -0.30 0.00	18.30 -0.23 0.00
PUCKETT___SOLAR 323809	17.19 0.17 0.00	16.85 0.17 0.00	16.03 0.16 0.00	15.23 0.12 0.00	16.19 0.10 0.00	17.12 0.04 0.00	22.05 -0.04 0.00	20.30 0.10 0.00	19.50 -0.01 0.00	17.92 -0.01 0.00	19.04 0.00 0.00	19.40 0.15 0.00	18.93 0.19 0.00	24.45 0.31 0.00	26.44 0.25 0.00	25.03 0.16 0.00	27.07 -0.02 0.00	29.48 -0.05 0.00	31.28 -0.14 0.00	31.83 0.04 0.00	28.02 0.07 0.00	29.86 -0.19 0.00	20.13 0.00 0.00	18.61 0.07 0.00
PYRITES___HYD 24023	17.16 0.14 0.00	16.80 0.12 0.00	15.97 0.10 0.00	15.17 0.06 0.00	16.20 0.11 0.00	17.26 0.18 0.00	22.48 0.39 0.00	20.40 0.21 0.00	19.60 0.09 0.00	17.91 -0.02 0.00	19.12 0.08 0.00	19.28 0.04 0.00	18.80 0.07 0.00	24.11 -0.03 0.00	26.14 -0.04 0.00	24.95 0.08 0.00	27.14 0.05 0.00	29.50 -0.04 0.00	31.59 0.17 0.00	31.83 0.05 0.00	28.61 0.66 0.00	30.91 0.87 0.00	20.59 0.46 0.00	18.85 0.31 0.00
QUAKERRD_115KV_BK1 80622	16.15 -0.88 0.00	15.81 -0.87 0.00	15.01 -0.85 0.00	14.25 -0.86 0.00	15.17 -0.92 0.00	16.12 -0.97 0.00	20.79 -1.30 0.00	19.12 -1.08 0.00	18.61 -0.90 0.00	17.19 -0.74 0.00	18.29 -0.75 0.00	18.52 -0.73 0.00	18.01 -0.73 0.00	23.17 -0.98 0.00	25.00 -1.18 0.00	23.80 -1.07 0.00	25.74 -1.35 0.00	27.84 -1.69 0.00	29.46 -1.96 0.00	29.96 -1.83 0.00	26.49 -1.47 0.00	28.37 -1.68 0.00	19.26 -0.87 0.00	17.87 -0.67 0.00
QUENSRY_115KV_TB8 356137	17.39 0.37 0.00	17.05 0.37 0.00	16.23 0.36 0.00	15.55 0.43 0.00	16.58 0.50 0.00	17.75 0.67 0.00	23.01 0.91 0.00	21.05 0.85 0.00	19.87 0.37 0.00	18.08 0.15 0.00	19.13 0.09 0.00	19.28 0.04 0.00	18.71 -0.03 0.00	24.20 0.05 0.00	26.34 0.16 0.00	25.11 0.25 0.00	27.58 0.49 0.00	30.64 1.11 0.00	32.78 1.36 0.00	33.29 1.51 0.00	29.30 1.35 0.00	31.20 1.15 0.00	20.71 0.58 0.00	19.02 0.48 0.00
RAMAPO___LBMP 323565	17.59 0.57 0.00	17.23 0.55 0.00	16.42 0.56 0.00	15.70 0.59 0.00	16.68 0.60 0.00	17.66 0.58 0.00	22.81 0.72 0.00	21.00 0.80 0.00	20.06 0.55 0.00	18.47 0.54 0.00	19.66 0.62 0.00	19.82 0.57 0.00	19.30 0.57 0.00	24.95 0.80 0.00	27.10 0.92 0.00	25.64 0.78 0.00	28.02 0.94 0.00	30.66 1.13 0.00	32.66 1.25 0.00	33.35 1.57 0.00	29.39 1.45 0.00	31.30 1.25 0.00	20.89 0.77 0.00	19.23 0.70 0.00
RANKINE____ 23646	16.25 -0.77 0.00	15.92 -0.76 0.00	15.08 -0.79 0.00	14.25 -0.86 0.00	15.15 -0.94 0.00	15.99 -1.09 0.00	20.55 -1.55 0.00	19.01 -1.19 0.00	18.65 -0.85 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.76 -0.48 0.00	18.23 -0.51 0.00	23.37 -0.77 0.00	25.09 -1.10 0.00	23.90 -0.96 0.00	25.66 -1.43 0.00	27.51 -2.02 0.00	28.97 -2.45 0.00	29.54 -2.24 0.00	26.19 -1.76 0.00	28.06 -1.99 0.00	19.41 -0.72 0.00	18.17 -0.37 0.00
RAVENSWOOD_GT2_1 24244	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT2_2 24245	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT2_3 24246	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.79 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.20 0.00	27.56 1.38 0.00	26.08 1.22 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.83 1.88 0.00	31.75 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00



RAVENSWOOD_GT2_4 24247	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.79 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.20 0.00	27.56 1.38 0.00	26.08 1.22 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.83 1.88 0.00	31.75 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT3_1 24248	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.79 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.20 0.00	27.56 1.38 0.00	26.08 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.82 1.87 0.00	31.75 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT3_2 24249	17.78 0.76 0.00	17.42 0.74 0.00	16.64 0.78 0.00	15.91 0.80 0.00	16.88 0.80 0.00	17.87 0.79 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.20 0.00	27.56 1.38 0.00	26.08 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.82 1.87 0.00	31.75 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT3_3 24250	17.81 0.79 0.00	17.44 0.77 0.00	16.66 0.79 0.00	15.93 0.82 0.00	16.90 0.82 0.00	17.89 0.81 0.00	23.15 1.06 0.00	21.34 1.14 0.00	20.41 0.90 0.00	19.22 0.85 -0.44	20.04 1.00 0.00	20.19 0.95 0.00	19.64 0.90 0.00	25.39 1.24 0.00	27.61 1.43 0.00	26.12 1.25 0.00	28.51 1.42 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.89 2.11 0.00	29.87 1.92 0.00	31.80 1.75 0.00	21.17 1.05 0.00	19.51 0.97 0.00
RAVENSWOOD_GT3_4 24251	17.81 0.79 0.00	17.44 0.77 0.00	16.66 0.79 0.00	15.93 0.82 0.00	16.90 0.82 0.00	17.89 0.81 0.00	23.15 1.06 0.00	21.34 1.14 0.00	20.41 0.90 0.00	19.22 0.85 -0.44	20.04 1.00 0.00	20.19 0.95 0.00	19.64 0.90 0.00	25.39 1.24 0.00	27.61 1.43 0.00	26.12 1.25 0.00	28.51 1.42 0.00	31.18 1.65 0.00	33.18 1.77 0.00	33.89 2.11 0.00	29.87 1.92 0.00	31.80 1.75 0.00	21.17 1.05 0.00	19.51 0.97 0.00
RAVENSWOOD_GT_1 23729	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.93 0.85 0.00	17.92 0.84 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.87 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
RAVENSWOOD_GT_10 24258	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.79 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT_11 24259	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.79 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT_4 24252	17.78 0.75 0.00	17.41 0.73 0.00	16.63 0.76 0.00	15.90 0.78 0.00	16.87 0.79 0.00	17.86 0.77 0.00	23.10 1.01 0.00	21.29 1.10 0.00	20.36 0.85 0.00	19.17 0.81 -0.44	19.98 0.95 0.00	20.14 0.89 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.06 1.19 0.00	28.44 1.35 0.00	31.10 1.57 0.00	33.11 1.70 0.00	33.81 2.03 0.00	29.81 1.86 0.00	31.72 1.67 0.00	21.13 1.00 0.00	19.47 0.93 0.00
RAVENSWOOD_GT_5 24254	17.78 0.75 0.00	17.41 0.73 0.00	16.63 0.76 0.00	15.90 0.78 0.00	16.87 0.79 0.00	17.86 0.77 0.00	23.10 1.01 0.00	21.29 1.10 0.00	20.36 0.85 0.00	19.17 0.81 -0.44	19.98 0.95 0.00	20.14 0.89 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.06 1.19 0.00	28.44 1.35 0.00	31.10 1.57 0.00	33.11 1.70 0.00	33.81 2.03 0.00	29.81 1.86 0.00	31.72 1.67 0.00	21.13 1.00 0.00	19.47 0.93 0.00
RAVENSWOOD_GT_6 24253	17.78 0.75 0.00	17.41 0.73 0.00	16.63 0.76 0.00	15.90 0.78 0.00	16.87 0.79 0.00	17.86 0.77 0.00	23.10 1.01 0.00	21.29 1.10 0.00	20.36 0.85 0.00	19.17 0.81 -0.44	19.98 0.95 0.00	20.14 0.89 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.06 1.19 0.00	28.44 1.35 0.00	31.10 1.57 0.00	33.11 1.70 0.00	33.81 2.03 0.00	29.81 1.86 0.00	31.72 1.67 0.00	21.13 1.00 0.00	19.47 0.93 0.00
RAVENSWOOD_GT_7 24255	17.78 0.75 0.00	17.41 0.73 0.00	16.63 0.76 0.00	15.90 0.78 0.00	16.87 0.79 0.00	17.86 0.77 0.00	23.10 1.01 0.00	21.29 1.10 0.00	20.36 0.85 0.00	19.17 0.81 -0.44	19.98 0.95 0.00	20.14 0.89 0.00	19.59 0.85 0.00	25.32 1.18 0.00	27.54 1.35 0.00	26.06 1.19 0.00	28.44 1.35 0.00	31.10 1.57 0.00	33.11 1.70 0.00	33.81 2.03 0.00	29.81 1.86 0.00	31.72 1.67 0.00	21.13 1.00 0.00	19.47 0.93 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.79 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD_GT_9 24257	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.79 0.00	16.88 0.80 0.00	17.87 0.78 0.00	23.12 1.02 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.15 0.91 0.00	19.60 0.87 0.00	25.34 1.20 0.00	27.56 1.38 0.00	26.07 1.21 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.83 2.05 0.00	29.82 1.87 0.00	31.74 1.70 0.00	21.14 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD___1 23533	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00

RAVENSWOOD___2 23534	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
RAVENSWOOD___3 23535	17.78 0.76 0.00	17.42 0.74 0.00	16.63 0.77 0.00	15.91 0.80 0.00	16.88 0.79 0.00	17.87 0.79 0.00	23.12 1.03 0.00	21.31 1.11 0.00	20.38 0.87 0.00	19.19 0.82 -0.44	20.00 0.96 0.00	20.16 0.91 0.00	19.61 0.87 0.00	25.35 1.20 0.00	27.56 1.38 0.00	26.08 1.22 0.00	28.46 1.38 0.00	31.12 1.59 0.00	33.13 1.71 0.00	33.84 2.06 0.00	29.83 1.88 0.00	31.75 1.70 0.00	21.15 1.02 0.00	19.48 0.94 0.00
RAVENSWOOD___4 23820	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.82 0.00	15.96 0.85 0.00	16.93 0.84 0.00	17.91 0.83 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.86 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
RCPI_TRUST___DRP 24196	17.79 0.77 0.00	17.43 0.75 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.89 0.80 0.00	17.88 0.80 0.00	23.14 1.04 0.00	21.33 1.14 0.00	20.41 0.90 0.00	19.12 0.86 -0.33	20.04 1.00 0.00	20.19 0.95 0.00	19.63 0.90 0.00	25.39 1.24 0.00	27.60 1.42 0.00	26.11 1.25 0.00	28.49 1.41 0.00	31.16 1.63 0.00	33.16 1.74 0.00	33.87 2.09 0.00	29.86 1.91 0.00	31.77 1.72 0.00	21.15 1.03 0.00	19.49 0.95 0.00
RED___ROCHESTER 323720	16.51 -0.50 0.00	16.17 -0.50 0.00	15.35 -0.51 0.00	14.55 -0.56 0.00	15.50 -0.58 0.00	16.46 -0.62 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.56 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.47 -1.07 0.00	30.09 -1.33 0.00	30.61 -1.17 0.00	27.11 -0.84 0.00	29.03 -1.02 0.00	19.76 -0.37 0.00	18.36 -0.17 0.00
REGAN___SOLAR 323812	18.52 1.50 0.00	18.11 1.43 0.00	17.18 1.32 0.00	16.32 1.21 0.00	17.43 1.34 0.00	18.63 1.55 0.00	24.63 2.54 0.00	22.63 2.44 0.00	21.43 1.92 0.00	19.48 1.55 0.00	20.49 1.45 0.00	20.59 1.35 0.00	20.04 1.31 0.00	25.78 1.64 0.00	28.18 2.00 0.00	27.22 2.36 0.00	30.17 3.08 0.00	32.93 3.40 0.00	34.95 3.54 0.00	35.51 3.73 0.00	31.18 3.23 0.00	33.39 3.35 0.00	22.35 2.22 0.00	20.53 2.00 0.00
RENSSELAER___COGEN 23796	17.15 0.13 0.00	16.83 0.15 0.00	16.02 0.16 0.00	15.32 0.21 0.00	16.29 0.20 0.00	17.30 0.22 0.00	22.33 0.24 0.00	20.38 0.19 0.00	19.57 0.06 0.00	17.92 0.00 0.00	18.96 -0.08 0.00	19.12 -0.12 0.00	18.63 -0.10 0.00	24.05 -0.09 0.00	26.15 -0.04 0.00	24.81 -0.05 0.00	27.21 0.12 0.00	29.82 0.29 0.00	31.84 0.42 0.00	32.31 0.53 0.00	28.40 0.45 0.00	30.37 0.33 0.00	20.30 0.17 0.00	18.69 0.15 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.83 0.81 0.00	17.48 0.80 0.00	16.65 0.79 0.00	16.03 0.92 0.00	17.15 1.06 0.00	18.53 1.45 0.00	24.04 1.95 0.00	21.97 1.77 0.00	20.35 0.84 0.00	18.42 0.49 0.00	19.48 0.44 0.00	19.66 0.42 0.00	18.89 0.16 0.00	24.45 0.30 0.00	26.70 0.52 0.00	25.50 0.63 0.00	28.06 0.98 0.00	31.69 2.16 0.00	33.89 2.47 0.00	34.49 2.71 0.00	30.47 2.52 0.00	32.21 2.17 0.00	21.24 1.11 0.00	19.50 0.96 0.00
REVERE_CPPR_DRP 24186	17.53 0.51 0.00	17.15 0.47 0.00	16.30 0.44 0.00	15.52 0.41 0.00	16.54 0.45 0.00	17.61 0.53 0.00	22.83 0.74 0.00	20.83 0.63 0.00	20.00 0.49 0.00	18.31 0.38 0.00	19.34 0.30 0.00	19.56 0.32 0.00	19.02 0.28 0.00	24.61 0.46 0.00	26.93 0.75 0.00	25.68 0.81 0.00	27.98 0.90 0.00	30.50 0.97 0.00	32.40 0.98 0.00	32.92 1.14 0.00	28.90 0.95 0.00	30.71 0.67 0.00	20.52 0.40 0.00	18.86 0.33 0.00
REYNOLDS_115KV_TB3 80639	17.27 0.25 0.00	16.94 0.27 0.00	16.13 0.27 0.00	15.43 0.31 0.00	16.41 0.32 0.00	17.43 0.35 0.00	22.50 0.41 0.00	20.55 0.36 0.00	19.71 0.20 0.00	18.05 0.13 0.00	19.12 0.08 0.00	19.29 0.05 0.00	18.78 0.05 0.00	24.25 0.10 0.00	26.36 0.18 0.00	25.03 0.16 0.00	27.42 0.34 0.00	30.07 0.54 0.00	32.13 0.71 0.00	32.60 0.82 0.00	28.66 0.71 0.00	30.66 0.61 0.00	20.48 0.36 0.00	18.86 0.32 0.00
RIVERBAY____ 323610	17.77 0.75 0.00	17.44 0.76 0.00	16.69 0.82 0.00	15.95 0.84 0.00	16.93 0.85 0.00	17.93 0.85 0.00	23.24 1.15 0.00	21.37 1.17 0.00	20.47 0.96 0.00	19.17 0.81 -0.44	20.00 0.96 0.00	20.13 0.88 0.00	19.58 0.85 0.00	25.32 1.17 0.00	27.55 1.36 0.00	26.06 1.20 0.00	28.44 1.35 0.00	31.09 1.56 0.00	33.13 1.71 0.00	33.91 2.12 0.00	29.89 1.94 0.00	31.83 1.78 0.00	21.16 1.03 0.00	19.52 0.98 0.00
RIVERSDE_115KV_TB3 55908	17.17 0.15 0.00	16.85 0.17 0.00	16.04 0.18 0.00	15.34 0.23 0.00	16.32 0.23 0.00	17.33 0.25 0.00	22.36 0.27 0.00	20.41 0.21 0.00	19.59 0.08 0.00	17.95 0.02 0.00	18.98 -0.06 0.00	19.15 -0.09 0.00	18.66 -0.07 0.00	24.09 -0.06 0.00	26.19 0.01 0.00	24.86 -0.01 0.00	27.26 0.17 0.00	29.88 0.34 0.00	31.90 0.48 0.00	32.37 0.59 0.00	28.45 0.50 0.00	30.42 0.38 0.00	20.33 0.21 0.00	18.72 0.18 0.00
ROARING___BROOK_WT_PWR 323790	17.03 0.01 0.00	16.68 0.01 0.00	15.86 0.00 0.00	15.10 -0.01 0.00	16.08 0.00 0.00	17.08 0.00 0.00	22.10 0.00 0.00	20.15 -0.05 0.00	19.54 0.03 0.00	17.96 0.03 0.00	19.04 0.00 0.00	19.26 0.01 0.00	18.78 0.05 0.00	24.16 0.02 0.00	26.20 0.02 0.00	24.91 0.04 0.00	27.08 -0.01 0.00	29.44 -0.09 0.00	31.27 -0.14 0.00	31.31 -0.47 0.00	27.37 -0.58 0.00	29.44 -0.61 0.00	19.68 -0.44 0.00	18.06 -0.48 0.00
ROCHESRG_115KV_T4 355643	16.38 -0.64 0.00	16.04 -0.64 0.00	15.22 -0.64 0.00	14.44 -0.67 0.00	15.37 -0.72 0.00	16.31 -0.77 0.00	21.01 -1.09 0.00	19.34 -0.86 0.00	18.86 -0.65 0.00	17.45 -0.48 0.00	18.57 -0.47 0.00	18.83 -0.42 0.00	18.30 -0.43 0.00	23.51 -0.63 0.00	25.35 -0.83 0.00	24.15 -0.71 0.00	26.08 -1.01 0.00	28.15 -1.39 0.00	29.75 -1.66 0.00	30.27 -1.52 0.00	26.80 -1.15 0.00	28.72 -1.32 0.00	19.57 -0.55 0.00	18.19 -0.34 0.00
ROCHESTER_9_IC 23652	16.45 -0.56 0.00	16.11 -0.56 0.00	15.29 -0.57 0.00	14.50 -0.61 0.00	15.44 -0.65 0.00	16.39 -0.69 0.00	21.12 -0.97 0.00	19.45 -0.75 0.00	18.97 -0.54 0.00	17.55 -0.37 0.00	18.68 -0.36 0.00	18.94 -0.30 0.00	18.41 -0.32 0.00	23.67 -0.48 0.00	25.51 -0.67 0.00	24.31 -0.56 0.00	26.24 -0.84 0.00	28.33 -1.21 0.00	29.94 -1.48 0.00	30.46 -1.33 0.00	26.97 -0.98 0.00	28.88 -1.16 0.00	19.69 -0.44 0.00	18.29 -0.25 0.00

ROCKVIEW_13_KV_LD 356306	17.77 0.75 0.00	17.41 0.73 0.00	16.58 0.72 0.00	15.86 0.75 0.00	16.84 0.75 0.00	17.83 0.75 0.00	23.07 0.98 0.00	21.25 1.05 0.00	20.31 0.81 0.00	18.68 0.75 0.00	19.94 0.90 0.00	20.10 0.86 0.00	19.55 0.82 0.00	25.28 1.13 0.00	27.49 1.31 0.00	26.03 1.17 0.00	28.42 1.34 0.00	31.11 1.57 0.00	33.13 1.71 0.00	33.82 2.04 0.00	29.79 1.84 0.00	31.72 1.67 0.00	21.14 1.02 0.00	19.47 0.93 0.00
ROME____115KV_TB2 80656	17.53 0.51 0.00	17.15 0.47 0.00	16.30 0.44 0.00	15.52 0.41 0.00	16.54 0.45 0.00	17.61 0.53 0.00	22.83 0.74 0.00	20.83 0.63 0.00	20.00 0.49 0.00	18.31 0.38 0.00	19.34 0.30 0.00	19.56 0.32 0.00	19.02 0.28 0.00	24.61 0.46 0.00	26.93 0.75 0.00	25.68 0.81 0.00	27.98 0.90 0.00	30.50 0.97 0.00	32.40 0.98 0.00	32.92 1.14 0.00	28.90 0.95 0.00	30.71 0.67 0.00	20.52 0.40 0.00	18.86 0.33 0.00
ROSETON___1 23587	17.55 0.52 0.00	17.20 0.52 0.00	16.38 0.52 0.00	15.67 0.56 0.00	16.64 0.55 0.00	17.64 0.56 0.00	22.80 0.71 0.00	20.97 0.77 0.00	20.04 0.54 0.00	18.42 0.49 0.00	19.63 0.59 0.00	19.79 0.55 0.00	19.27 0.53 0.00	24.88 0.74 0.00	27.04 0.86 0.00	25.61 0.74 0.00	27.98 0.90 0.00	30.65 1.11 0.00	32.68 1.26 0.00	33.32 1.54 0.00	29.34 1.39 0.00	31.27 1.22 0.00	20.86 0.74 0.00	19.22 0.69 0.00
ROSETON___2 23588	17.55 0.52 0.00	17.20 0.52 0.00	16.38 0.52 0.00	15.67 0.56 0.00	16.64 0.55 0.00	17.64 0.56 0.00	22.80 0.71 0.00	20.97 0.77 0.00	20.04 0.54 0.00	18.42 0.49 0.00	19.63 0.59 0.00	19.79 0.55 0.00	19.27 0.53 0.00	24.88 0.74 0.00	27.04 0.86 0.00	25.61 0.74 0.00	27.98 0.90 0.00	30.65 1.11 0.00	32.68 1.26 0.00	33.32 1.54 0.00	29.34 1.39 0.00	31.27 1.22 0.00	20.86 0.74 0.00	19.22 0.69 0.00
ROTTDAM_115KV_TB3 80664	17.37 0.35 0.00	17.02 0.34 0.00	16.20 0.34 0.00	15.48 0.36 0.00	16.46 0.38 0.00	17.51 0.43 0.00	22.64 0.55 0.00	20.71 0.51 0.00	19.83 0.33 0.00	18.17 0.25 0.00	19.30 0.25 0.00	19.47 0.22 0.00	18.94 0.21 0.00	24.45 0.31 0.00	26.57 0.38 0.00	25.24 0.37 0.00	27.61 0.52 0.00	30.28 0.74 0.00	32.29 0.87 0.00	32.76 0.98 0.00	28.81 0.86 0.00	30.83 0.79 0.00	20.59 0.47 0.00	18.96 0.43 0.00
RUSSELL___1 23602	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
RUSSELL___2 23532	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
RUSSELL___3 23549	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
RUSSELL___4 23556	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
RUSSELL___STATION 23914	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
S SALMON___HYD 24043	16.61 -0.41 0.00	16.26 -0.42 0.00	15.46 -0.40 0.00	14.71 -0.40 0.00	15.67 -0.42 0.00	16.67 -0.41 0.00	21.58 -0.51 0.00	19.72 -0.47 0.00	18.93 -0.58 0.00	17.41 -0.52 0.00	18.35 -0.69 0.00	18.56 -0.68 0.00	18.10 -0.64 0.00	23.37 -0.77 0.00	25.46 -0.72 0.00	24.21 -0.65 0.00	26.41 -0.68 0.00	28.80 -0.73 0.00	30.62 -0.80 0.00	31.15 -0.64 0.00	27.32 -0.63 0.00	28.88 -1.17 0.00	19.35 -0.78 0.00	17.83 -0.71 0.00
S.PERRY__115KV_TB1 80734	16.89 -0.13 0.00	16.53 -0.14 0.00	15.62 -0.24 0.00	14.77 -0.34 0.00	15.72 -0.36 0.00	16.65 -0.43 0.00	21.51 -0.59 0.00	19.97 -0.23 0.00	19.44 -0.06 0.00	18.18 0.25 0.00	19.32 0.28 0.00	19.53 0.28 0.00	19.02 0.28 0.00	24.36 0.21 0.00	26.14 -0.05 0.00	24.82 -0.04 0.00	26.62 -0.47 0.00	28.59 -0.94 0.00	30.46 -0.96 0.00	31.10 -0.68 0.00	27.53 -0.42 0.00	29.39 -0.66 0.00	20.06 -0.07 0.00	18.72 0.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.08 -0.94 0.00	15.75 -0.93 0.00	14.92 -0.94 0.00	14.11 -1.00 0.00	15.00 -1.09 0.00	15.84 -1.24 0.00	20.34 -1.76 0.00	18.78 -1.42 0.00	18.44 -1.06 0.00	17.16 -0.77 0.00	18.26 -0.78 0.00	18.56 -0.69 0.00	18.03 -0.70 0.00	23.08 -1.06 0.00	24.77 -1.41 0.00	23.64 -1.23 0.00	25.38 -1.71 0.00	27.18 -2.36 0.00	28.61 -2.80 0.00	29.16 -2.62 0.00	25.90 -2.05 0.00	27.80 -2.25 0.00	19.24 -0.89 0.00	18.02 -0.51 0.00
SAWYER___23_KV_LOAD 55526	16.08 -0.94 0.00	15.75 -0.93 0.00	14.92 -0.94 0.00	14.11 -1.00 0.00	15.00 -1.09 0.00	15.84 -1.24 0.00	20.34 -1.76 0.00	18.78 -1.42 0.00	18.44 -1.06 0.00	17.16 -0.77 0.00	18.26 -0.78 0.00	18.56 -0.69 0.00	18.03 -0.70 0.00	23.08 -1.06 0.00	24.77 -1.41 0.00	23.64 -1.23 0.00	25.38 -1.71 0.00	27.18 -2.36 0.00	28.61 -2.80 0.00	29.16 -2.62 0.00	25.90 -2.05 0.00	27.80 -2.25 0.00	19.24 -0.89 0.00	18.02 -0.51 0.00
SELKIRK___I 23801	17.32 0.29 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.46 0.34 0.00	16.44 0.35 0.00	17.47 0.39 0.00	22.56 0.47 0.00	20.59 0.39 0.00	19.71 0.21 0.00	18.06 0.13 0.00	19.12 0.08 0.00	19.28 0.04 0.00	18.79 0.06 0.00	24.24 0.09 0.00	26.38 0.20 0.00	25.04 0.17 0.00	27.47 0.39 0.00	30.11 0.58 0.00	32.12 0.70 0.00	32.57 0.79 0.00	28.62 0.67 0.00	30.66 0.61 0.00	20.50 0.38 0.00	18.89 0.35 0.00

SELKIRK___II 23799	17.23 0.21 0.00	16.90 0.22 0.00	16.09 0.23 0.00	15.38 0.27 0.00	16.35 0.26 0.00	17.36 0.28 0.00	22.42 0.33 0.00	20.50 0.30 0.00	19.67 0.17 0.00	18.04 0.11 0.00	19.12 0.07 0.00	19.28 0.04 0.00	18.78 0.05 0.00	24.24 0.09 0.00	26.35 0.16 0.00	24.99 0.13 0.00	27.38 0.29 0.00	29.99 0.46 0.00	31.99 0.58 0.00	32.47 0.69 0.00	28.54 0.59 0.00	30.54 0.50 0.00	20.42 0.29 0.00	18.80 0.27 0.00
SENECA OSWGO___HYD 24041	16.55 -0.47 0.00	16.21 -0.46 0.00	15.40 -0.46 0.00	14.67 -0.45 0.00	15.62 -0.47 0.00	16.59 -0.49 0.00	21.46 -0.64 0.00	19.68 -0.51 0.00	18.98 -0.52 0.00	17.44 -0.49 0.00	18.51 -0.53 0.00	18.76 -0.48 0.00	18.24 -0.50 0.00	23.56 -0.58 0.00	25.53 -0.66 0.00	24.25 -0.62 0.00	26.36 -0.73 0.00	28.73 -0.80 0.00	30.52 -0.89 0.00	31.00 -0.78 0.00	27.30 -0.65 0.00	29.20 -0.85 0.00	19.62 -0.51 0.00	18.10 -0.43 0.00
SENECA___115KV_TB3 355854	16.28 -0.75 0.00	15.93 -0.74 0.00	15.10 -0.76 0.00	14.27 -0.84 0.00	15.17 -0.92 0.00	16.01 -1.07 0.00	20.59 -1.51 0.00	19.04 -1.15 0.00	18.69 -0.82 0.00	17.39 -0.53 0.00	18.50 -0.54 0.00	18.80 -0.45 0.00	18.26 -0.47 0.00	23.42 -0.73 0.00	25.13 -1.05 0.00	23.94 -0.92 0.00	25.71 -1.38 0.00	27.56 -1.97 0.00	29.02 -2.40 0.00	29.58 -2.20 0.00	26.23 -1.72 0.00	28.12 -1.93 0.00	19.44 -0.68 0.00	18.19 -0.34 0.00
SENECA___ENERGY 23797	16.65 -0.37 0.00	16.30 -0.38 0.00	15.49 -0.37 0.00	14.72 -0.40 0.00	15.64 -0.44 0.00	16.63 -0.45 0.00	21.50 -0.59 0.00	19.79 -0.41 0.00	19.17 -0.34 0.00	17.70 -0.22 0.00	18.82 -0.22 0.00	19.04 -0.20 0.00	18.53 -0.20 0.00	23.86 -0.28 0.00	25.80 -0.39 0.00	24.45 -0.42 0.00	26.53 -0.55 0.00	28.78 -0.75 0.00	30.49 -0.93 0.00	31.04 -0.75 0.00	27.35 -0.60 0.00	29.25 -0.80 0.00	19.75 -0.38 0.00	18.27 -0.26 0.00
SHOEMAKER___GT 23640	17.48 0.45 0.00	17.13 0.45 0.00	16.31 0.44 0.00	15.59 0.48 0.00	16.56 0.47 0.00	17.56 0.48 0.00	22.70 0.60 0.00	20.86 0.66 0.00	19.94 0.43 0.00	18.32 0.40 0.00	19.49 0.45 0.00	19.66 0.41 0.00	19.17 0.43 0.00	24.77 0.62 0.00	26.88 0.70 0.00	25.48 0.62 0.00	27.84 0.76 0.00	30.45 0.92 0.00	32.46 1.04 0.00	33.09 1.31 0.00	29.14 1.19 0.00	31.07 1.03 0.00	20.76 0.63 0.00	19.12 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	17.48 0.46 0.00	17.12 0.44 0.00	16.31 0.45 0.00	15.58 0.47 0.00	16.56 0.47 0.00	17.55 0.47 0.00	22.68 0.59 0.00	20.86 0.66 0.00	19.94 0.43 0.00	18.33 0.41 0.00	19.51 0.46 0.00	19.67 0.43 0.00	19.17 0.43 0.00	24.77 0.63 0.00	26.89 0.71 0.00	25.48 0.62 0.00	27.84 0.76 0.00	30.45 0.92 0.00	32.45 1.04 0.00	33.09 1.31 0.00	29.14 1.19 0.00	31.07 1.02 0.00	20.76 0.63 0.00	19.12 0.58 0.00
SHOREHAM_IC_1 23715	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.69 1.18 0.00	18.23 0.59 0.29	20.24 1.20 0.00	20.30 1.06 0.00	19.58 0.85 0.00	25.40 1.26 0.00	27.67 1.49 0.00	26.42 1.55 0.00	29.15 2.06 0.00	31.84 2.30 0.00	33.88 2.46 0.00	34.75 2.97 0.00	30.58 2.63 0.00	32.46 2.42 0.00	21.71 1.59 0.00	19.96 1.42 0.00
SHOREHAM_IC_2 23716	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.69 1.18 0.00	18.23 0.59 0.29	20.24 1.20 0.00	20.30 1.06 0.00	19.58 0.85 0.00	25.40 1.26 0.00	27.67 1.49 0.00	26.42 1.55 0.00	29.15 2.06 0.00	31.84 2.30 0.00	33.88 2.46 0.00	34.75 2.97 0.00	30.58 2.63 0.00	32.46 2.42 0.00	21.71 1.59 0.00	19.96 1.42 0.00
SISSONVILLE____ 23735	16.77 -0.25 0.00	16.41 -0.26 0.00	15.61 -0.25 0.00	14.84 -0.28 0.00	15.83 -0.26 0.00	16.86 -0.22 0.00	21.93 -0.16 0.00	19.93 -0.26 0.00	19.18 -0.33 0.00	17.52 -0.41 0.00	18.75 -0.29 0.00	18.95 -0.29 0.00	18.48 -0.25 0.00	23.70 -0.45 0.00	25.72 -0.46 0.00	24.50 -0.37 0.00	26.62 -0.46 0.00	28.72 -0.81 0.00	30.72 -0.70 0.00	30.91 -0.87 0.00	26.55 -1.39 0.00	28.55 -1.49 0.00	19.00 -1.13 0.00	17.40 -1.14 0.00
SITHE_IND_GS1 24169	16.46 -0.56 0.00	16.13 -0.55 0.00	15.33 -0.53 0.00	14.59 -0.52 0.00	15.54 -0.55 0.00	16.50 -0.58 0.00	21.33 -0.76 0.00	19.55 -0.65 0.00	18.88 -0.62 0.00	17.38 -0.55 0.00	18.45 -0.59 0.00	18.67 -0.58 0.00	18.17 -0.57 0.00	23.42 -0.72 0.00	25.38 -0.80 0.00	24.10 -0.77 0.00	26.21 -0.88 0.00	28.54 -1.00 0.00	30.32 -1.10 0.00	30.77 -1.02 0.00	27.08 -0.87 0.00	29.01 -1.03 0.00	19.50 -0.62 0.00	17.99 -0.54 0.00
SITHE_IND_GS2 24170	16.46 -0.56 0.00	16.13 -0.55 0.00	15.33 -0.53 0.00	14.59 -0.52 0.00	15.54 -0.55 0.00	16.50 -0.58 0.00	21.33 -0.76 0.00	19.55 -0.65 0.00	18.88 -0.62 0.00	17.38 -0.55 0.00	18.45 -0.59 0.00	18.67 -0.58 0.00	18.17 -0.57 0.00	23.42 -0.72 0.00	25.38 -0.80 0.00	24.10 -0.77 0.00	26.21 -0.88 0.00	28.54 -1.00 0.00	30.32 -1.10 0.00	30.77 -1.02 0.00	27.08 -0.87 0.00	29.01 -1.03 0.00	19.50 -0.62 0.00	17.99 -0.54 0.00
SITHE_IND_GS3 24171	16.46 -0.56 0.00	16.13 -0.55 0.00	15.33 -0.53 0.00	14.59 -0.52 0.00	15.54 -0.55 0.00	16.50 -0.58 0.00	21.33 -0.76 0.00	19.55 -0.65 0.00	18.88 -0.62 0.00	17.38 -0.55 0.00	18.45 -0.59 0.00	18.67 -0.58 0.00	18.17 -0.57 0.00	23.42 -0.72 0.00	25.38 -0.80 0.00	24.10 -0.77 0.00	26.21 -0.88 0.00	28.54 -1.00 0.00	30.32 -1.10 0.00	30.77 -1.02 0.00	27.08 -0.87 0.00	29.01 -1.03 0.00	19.50 -0.62 0.00	17.99 -0.54 0.00
SITHE_IND_GS4 24172	16.46 -0.56 0.00	16.13 -0.55 0.00	15.33 -0.53 0.00	14.59 -0.52 0.00	15.54 -0.55 0.00	16.50 -0.58 0.00	21.33 -0.76 0.00	19.55 -0.65 0.00	18.88 -0.62 0.00	17.38 -0.55 0.00	18.45 -0.59 0.00	18.67 -0.58 0.00	18.17 -0.57 0.00	23.42 -0.72 0.00	25.38 -0.80 0.00	24.10 -0.77 0.00	26.21 -0.88 0.00	28.54 -1.00 0.00	30.32 -1.10 0.00	30.77 -1.02 0.00	27.08 -0.87 0.00	29.01 -1.03 0.00	19.50 -0.62 0.00	17.99 -0.54 0.00
SITHE___BATAVIA 24024	16.48 -0.54 0.00	16.13 -0.54 0.00	15.32 -0.55 0.00	14.48 -0.63 0.00	15.44 -0.65 0.00	16.33 -0.75 0.00	21.01 -1.08 0.00	19.42 -0.78 0.00	19.04 -0.46 0.00	17.72 -0.21 0.00	18.87 -0.17 0.00	19.17 -0.08 0.00	18.61 -0.12 0.00	23.84 -0.31 0.00	25.53 -0.66 0.00	24.41 -0.45 0.00	26.25 -0.83 0.00	28.21 -1.32 0.00	29.72 -1.70 0.00	30.24 -1.54 0.00	26.89 -1.06 0.00	28.81 -1.24 0.00	19.78 -0.35 0.00	18.47 -0.07 0.00
SITHE___INDEPEND 23800	16.46 -0.56 0.00	16.13 -0.55 0.00	15.33 -0.53 0.00	14.59 -0.52 0.00	15.53 -0.55 0.00	16.50 -0.58 0.00	21.33 -0.76 0.00	19.55 -0.65 0.00	18.88 -0.62 0.00	17.38 -0.55 0.00	18.45 -0.59 0.00	18.67 -0.58 0.00	18.17 -0.57 0.00	23.42 -0.72 0.00	25.38 -0.80 0.00	24.10 -0.77 0.00	26.21 -0.88 0.00	28.54 -1.00 0.00	30.32 -1.10 0.00	30.76 -1.02 0.00	27.08 -0.87 0.00	29.01 -1.03 0.00	19.50 -0.62 0.00	17.99 -0.54 0.00

SITHE___MASSENA 23902	17.18 0.16 0.00	16.83 0.15 0.00	16.00 0.14 0.00	15.21 0.10 0.00	16.21 0.13 0.00	17.24 0.16 0.00	22.38 0.29 0.00	20.38 0.18 0.00	19.80 0.29 0.00	18.21 0.28 0.00	19.32 0.28 0.00	19.52 0.28 0.00	19.03 0.29 0.00	24.42 0.27 0.00	26.45 0.27 0.00	25.18 0.32 0.00	27.35 0.26 0.00	29.74 0.21 0.00	31.73 0.32 0.00	31.91 0.13 0.00	27.97 0.02 0.00	30.27 0.23 0.00	20.23 0.10 0.00	18.57 0.04 0.00
SITHE___OGDNSBRG 24021	17.27 0.25 0.00	16.90 0.23 0.00	16.07 0.20 0.00	15.27 0.16 0.00	16.29 0.21 0.00	17.35 0.27 0.00	22.59 0.49 0.00	20.51 0.31 0.00	19.73 0.23 0.00	18.07 0.14 0.00	19.24 0.20 0.00	19.42 0.18 0.00	18.94 0.20 0.00	24.29 0.15 0.00	26.32 0.14 0.00	25.11 0.25 0.00	27.31 0.22 0.00	29.71 0.18 0.00	31.83 0.41 0.00	32.06 0.28 0.00	28.35 0.40 0.00	30.66 0.61 0.00	20.43 0.30 0.00	18.72 0.18 0.00
SITHE___STERLING 23777	17.36 0.34 0.00	16.99 0.31 0.00	16.16 0.30 0.00	15.39 0.28 0.00	16.39 0.30 0.00	17.43 0.35 0.00	22.59 0.49 0.00	20.64 0.44 0.00	19.84 0.33 0.00	18.16 0.24 0.00	19.21 0.17 0.00	19.45 0.21 0.00	18.91 0.18 0.00	24.47 0.33 0.00	26.71 0.53 0.00	25.44 0.57 0.00	27.69 0.61 0.00	30.20 0.67 0.00	32.08 0.66 0.00	32.57 0.79 0.00	28.64 0.69 0.00	30.53 0.48 0.00	20.42 0.29 0.00	18.78 0.25 0.00
SLEIGHT__34_KV_TB1 80719	16.49 -0.53 0.00	16.13 -0.54 0.00	15.32 -0.54 0.00	14.56 -0.55 0.00	15.49 -0.59 0.00	16.48 -0.61 0.00	21.31 -0.78 0.00	19.60 -0.60 0.00	19.04 -0.47 0.00	17.58 -0.35 0.00	18.68 -0.36 0.00	18.92 -0.33 0.00	18.40 -0.33 0.00	23.68 -0.47 0.00	25.60 -0.59 0.00	24.32 -0.54 0.00	26.36 -0.73 0.00	28.55 -0.98 0.00	30.24 -1.18 0.00	30.74 -1.04 0.00	27.15 -0.80 0.00	29.04 -1.00 0.00	19.65 -0.47 0.00	18.19 -0.34 0.00
SOUTH CAIRO___GT 23612	17.71 0.69 0.00	17.36 0.69 0.00	16.52 0.66 0.00	15.80 0.69 0.00	16.83 0.74 0.00	17.95 0.87 0.00	23.24 1.15 0.00	21.18 0.99 0.00	20.18 0.67 0.00	18.29 0.36 0.00	19.22 0.18 0.00	19.33 0.09 0.00	18.89 0.15 0.00	24.38 0.23 0.00	26.59 0.41 0.00	25.23 0.37 0.00	28.02 0.93 0.00	30.94 1.41 0.00	33.12 1.70 0.00	33.59 1.80 0.00	29.49 1.54 0.00	31.52 1.48 0.00	21.03 0.90 0.00	19.31 0.78 0.00
SOUTH HAMPTN___IC 23720	18.44 1.42 0.00	18.15 1.48 0.00	17.21 1.35 0.00	16.49 1.38 0.00	17.46 1.38 0.00	18.43 1.35 0.00	24.02 1.93 0.00	22.11 1.91 0.00	20.88 1.38 0.00	18.43 0.79 0.29	20.41 1.37 0.00	20.51 1.27 0.00	19.80 1.06 0.00	25.69 1.55 0.00	28.05 1.87 0.00	26.78 1.92 0.00	29.51 2.42 0.00	32.23 2.70 0.00	34.30 2.88 0.00	35.17 3.39 0.00	30.93 2.98 0.00	32.82 2.78 0.00	21.94 1.81 0.00	20.16 1.63 0.00
SOUTHDOW__115KV_TB1 355954	16.73 -0.29 0.00	16.40 -0.28 0.00	15.53 -0.33 0.00	14.69 -0.42 0.00	15.57 -0.51 0.00	16.48 -0.60 0.00	21.57 -0.53 0.00	20.01 -0.19 0.00	19.41 -0.10 0.00	18.18 0.26 0.00	19.11 0.07 0.00	19.45 0.20 0.00	18.86 0.13 0.00	24.19 0.05 0.00	26.03 -0.15 0.00	24.84 -0.02 0.00	26.70 -0.39 0.00	28.75 -0.78 0.00	30.40 -1.02 0.00	30.91 -0.87 0.00	27.11 -0.85 0.00	28.98 -1.07 0.00	20.15 0.02 0.00	18.69 0.15 0.00
SOUTHOLD_69_KV_BK 2 55809	18.53 1.51 0.00	18.24 1.56 0.00	17.30 1.43 0.00	16.57 1.46 0.00	17.55 1.46 0.00	18.53 1.45 0.00	24.15 2.06 0.00	22.23 2.04 0.00	21.00 1.49 0.00	18.48 0.84 0.29	20.42 1.38 0.00	20.60 1.35 0.00	19.88 1.15 0.00	25.81 1.67 0.00	28.20 2.02 0.00	26.95 2.09 0.00	29.70 2.61 0.00	32.45 2.91 0.00	34.52 3.11 0.00	35.42 3.63 0.00	31.15 3.20 0.00	33.04 2.99 0.00	22.07 1.94 0.00	20.28 1.75 0.00
SOUTHOLD___IC 23719	18.53 1.51 0.00	18.23 1.56 0.00	17.29 1.43 0.00	16.57 1.46 0.00	17.55 1.46 0.00	18.52 1.44 0.00	24.15 2.06 0.00	22.23 2.04 0.00	21.00 1.49 0.00	18.48 0.84 0.29	20.42 1.38 0.00	20.60 1.36 0.00	19.88 1.15 0.00	25.81 1.67 0.00	28.20 2.02 0.00	26.95 2.09 0.00	29.70 2.61 0.00	32.45 2.91 0.00	34.52 3.11 0.00	35.42 3.64 0.00	31.15 3.20 0.00	33.04 3.00 0.00	22.07 1.95 0.00	20.28 1.75 0.00
SOUTH_FORK_WT_PWR 323839	18.54 1.53 0.00	18.24 1.57 0.00	17.30 1.44 0.00	16.59 1.47 0.00	17.56 1.48 0.00	18.54 1.46 0.00	24.17 2.08 0.00	22.25 2.05 0.00	21.01 1.51 0.00	18.52 0.88 0.29	20.50 1.46 0.00	20.61 1.37 0.00	19.90 1.16 0.00	25.83 1.69 0.00	28.23 2.04 0.00	26.97 2.10 0.00	29.72 2.64 0.00	32.47 2.93 0.00	34.55 3.14 0.00	35.45 3.66 0.00	31.17 3.22 0.00	33.07 3.02 0.00	22.09 1.97 0.00	20.30 1.76 0.00
SPIERFLS_115KV_TB 1 80737	17.33 0.31 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.48 0.37 0.00	16.50 0.41 0.00	17.65 0.57 0.00	22.87 0.77 0.00	20.91 0.71 0.00	19.80 0.30 0.00	18.03 0.10 0.00	19.08 0.04 0.00	19.24 0.00 0.00	18.68 -0.06 0.00	24.15 0.01 0.00	26.29 0.11 0.00	25.05 0.18 0.00	27.50 0.41 0.00	30.48 0.94 0.00	32.59 1.17 0.00	33.09 1.31 0.00	29.12 1.17 0.00	31.05 1.00 0.00	20.62 0.50 0.00	18.94 0.41 0.00
ST LAWRENCE___ 23600	17.00 -0.02 0.00	16.65 -0.03 0.00	15.83 -0.03 0.00	15.04 -0.07 0.00	16.04 -0.05 0.00	17.04 -0.04 0.00	22.10 0.01 0.00	20.14 -0.06 0.00	19.59 0.08 0.00	18.00 0.08 0.00	19.12 0.08 0.00	19.33 0.09 0.00	18.84 0.10 0.00	24.18 0.04 0.00	26.18 0.00 0.00	24.91 0.05 0.00	27.06 -0.03 0.00	29.40 -0.14 0.00	31.33 -0.08 0.00	31.49 -0.29 0.00	27.63 -0.32 0.00	29.93 -0.12 0.00	20.00 -0.13 0.00	18.37 -0.17 0.00
STATE_CA_115KV_115_LB 55624	17.24 0.22 0.00	16.91 0.23 0.00	16.10 0.24 0.00	15.39 0.28 0.00	16.37 0.28 0.00	17.39 0.31 0.00	22.45 0.36 0.00	20.50 0.31 0.00	19.65 0.14 0.00	17.97 0.04 0.00	19.00 -0.04 0.00	19.18 -0.07 0.00	18.68 -0.05 0.00	24.12 -0.02 0.00	26.24 0.06 0.00	24.92 0.06 0.00	27.33 0.24 0.00	29.94 0.41 0.00	31.94 0.52 0.00	32.42 0.64 0.00	28.48 0.54 0.00	30.46 0.41 0.00	20.35 0.23 0.00	18.72 0.18 0.00
STATE_ST_34_KV_LOAD 55959	16.94 -0.08 0.00	16.54 -0.14 0.00	15.77 -0.10 0.00	15.00 -0.11 0.00	15.90 -0.18 0.00	16.95 -0.13 0.00	21.94 -0.15 0.00	20.08 -0.12 0.00	19.44 -0.07 0.00	17.91 -0.02 0.00	18.95 -0.09 0.00	19.21 -0.03 0.00	18.72 -0.01 0.00	24.09 -0.05 0.00	26.15 -0.04 0.00	24.79 -0.07 0.00	26.97 -0.12 0.00	29.36 -0.17 0.00	31.13 -0.29 0.00	31.65 -0.13 0.00	27.90 -0.05 0.00	29.84 -0.21 0.00	20.08 -0.05 0.00	18.49 -0.05 0.00
STATION 5_MISC_HYD 23604	16.45 -0.56 0.00	16.12 -0.56 0.00	15.30 -0.56 0.00	14.50 -0.61 0.00	15.45 -0.64 0.00	16.40 -0.68 0.00	21.12 -0.98 0.00	19.45 -0.75 0.00	18.96 -0.54 0.00	17.55 -0.38 0.00	18.68 -0.36 0.00	18.94 -0.30 0.00	18.41 -0.32 0.00	23.66 -0.48 0.00	25.51 -0.67 0.00	24.31 -0.56 0.00	26.24 -0.84 0.00	28.33 -1.21 0.00	29.94 -1.48 0.00	30.45 -1.33 0.00	26.97 -0.99 0.00	28.88 -1.17 0.00	19.68 -0.45 0.00	18.29 -0.25 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.67 -0.34 0.00	16.32 -0.36 0.00	15.49 -0.37 0.00	14.71 -0.40 0.00	15.66 -0.43 0.00	16.64 -0.44 0.00	21.49 -0.60 0.00	19.81 -0.39 0.00	19.25 -0.25 0.00	17.79 -0.14 0.00	18.93 -0.11 0.00	19.18 -0.06 0.00	18.65 -0.08 0.00	23.98 -0.16 0.00	25.89 -0.30 0.00	24.60 -0.26 0.00	26.63 -0.46 0.00	28.81 -0.72 0.00	30.49 -0.93 0.00	31.03 -0.75 0.00	27.41 -0.54 0.00	29.32 -0.73 0.00	19.88 -0.25 0.00	18.42 -0.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.37 -0.65 0.00	16.03 -0.65 0.00	15.21 -0.65 0.00	14.43 -0.68 0.00	15.36 -0.72 0.00	16.31 -0.77 0.00	21.03 -1.06 0.00	19.36 -0.84 0.00	18.87 -0.63 0.00	17.46 -0.47 0.00	18.58 -0.46 0.00	18.83 -0.41 0.00	18.31 -0.42 0.00	23.56 -0.59 0.00	25.41 -0.78 0.00	24.20 -0.67 0.00	26.15 -0.94 0.00	28.24 -1.30 0.00	29.85 -1.57 0.00	30.37 -1.42 0.00	26.88 -1.08 0.00	28.78 -1.27 0.00	19.58 -0.55 0.00	18.18 -0.35 0.00
STA_56____34_KV_BUS2 355983	16.37 -0.65 0.00	16.03 -0.65 0.00	15.21 -0.65 0.00	14.43 -0.68 0.00	15.36 -0.72 0.00	16.31 -0.77 0.00	21.03 -1.06 0.00	19.36 -0.84 0.00	18.87 -0.63 0.00	17.46 -0.47 0.00	18.58 -0.46 0.00	18.83 -0.41 0.00	18.31 -0.42 0.00	23.56 -0.59 0.00	25.41 -0.78 0.00	24.20 -0.67 0.00	26.15 -0.94 0.00	28.24 -1.30 0.00	29.85 -1.57 0.00	30.37 -1.42 0.00	26.88 -1.08 0.00	28.78 -1.27 0.00	19.58 -0.55 0.00	18.18 -0.35 0.00
STA_67____115KV_BK2 355882	16.43 -0.59 0.00	16.09 -0.59 0.00	15.26 -0.60 0.00	14.48 -0.63 0.00	15.42 -0.67 0.00	16.36 -0.72 0.00	21.08 -1.02 0.00	19.41 -0.79 0.00	18.93 -0.58 0.00	17.52 -0.41 0.00	18.64 -0.40 0.00	18.90 -0.34 0.00	18.37 -0.36 0.00	23.61 -0.53 0.00	25.45 -0.73 0.00	24.25 -0.61 0.00	26.18 -0.90 0.00	28.26 -1.27 0.00	29.87 -1.55 0.00	30.39 -1.39 0.00	26.91 -1.05 0.00	28.82 -1.23 0.00	19.64 -0.48 0.00	18.25 -0.28 0.00
STA_7____115KV_9TRANS 80674	16.51 -0.50 0.00	16.17 -0.50 0.00	15.34 -0.52 0.00	14.55 -0.56 0.00	15.49 -0.59 0.00	16.45 -0.63 0.00	21.20 -0.89 0.00	19.53 -0.67 0.00	19.05 -0.46 0.00	17.63 -0.30 0.00	18.76 -0.28 0.00	19.02 -0.22 0.00	18.50 -0.24 0.00	23.78 -0.37 0.00	25.63 -0.55 0.00	24.41 -0.45 0.00	26.37 -0.72 0.00	28.46 -1.07 0.00	30.09 -1.32 0.00	30.61 -1.17 0.00	27.11 -0.85 0.00	29.03 -1.02 0.00	19.76 -0.36 0.00	18.36 -0.17 0.00
STA_82____115KV_TB1 80780	16.43 -0.59 0.00	16.10 -0.58 0.00	15.27 -0.59 0.00	14.48 -0.63 0.00	15.42 -0.67 0.00	16.37 -0.72 0.00	21.09 -1.01 0.00	19.42 -0.78 0.00	18.94 -0.57 0.00	17.53 -0.40 0.00	18.65 -0.39 0.00	18.92 -0.33 0.00	18.39 -0.35 0.00	23.62 -0.52 0.00	25.47 -0.71 0.00	24.26 -0.60 0.00	26.20 -0.88 0.00	28.27 -1.26 0.00	29.88 -1.54 0.00	30.41 -1.37 0.00	26.92 -1.03 0.00	28.85 -1.20 0.00	19.65 -0.47 0.00	18.27 -0.27 0.00
STEEL____WIND 323596	16.26 -0.76 0.00	15.92 -0.76 0.00	15.11 -0.76 0.00	14.25 -0.86 0.00	15.16 -0.92 0.00	16.00 -1.08 0.00	20.56 -1.53 0.00	19.02 -1.18 0.00	18.66 -0.84 0.00	17.37 -0.56 0.00	18.46 -0.58 0.00	18.78 -0.46 0.00	18.24 -0.50 0.00	23.39 -0.75 0.00	25.11 -1.07 0.00	23.92 -0.94 0.00	25.67 -1.42 0.00	27.52 -2.01 0.00	28.99 -2.43 0.00	29.55 -2.23 0.00	26.21 -1.74 0.00	28.08 -1.96 0.00	19.42 -0.71 0.00	18.17 -0.36 0.00
STEPHTWN_115KV_BK_2 55603	17.34 0.32 0.00	16.99 0.31 0.00	16.17 0.31 0.00	15.47 0.36 0.00	16.46 0.37 0.00	17.51 0.43 0.00	22.65 0.55 0.00	20.65 0.45 0.00	19.81 0.30 0.00	18.11 0.18 0.00	19.13 0.08 0.00	19.33 0.09 0.00	18.86 0.12 0.00	24.33 0.18 0.00	26.46 0.28 0.00	25.08 0.22 0.00	27.55 0.46 0.00	30.22 0.68 0.00	32.22 0.81 0.00	32.71 0.92 0.00	28.76 0.81 0.00	30.79 0.75 0.00	20.55 0.42 0.00	18.89 0.35 0.00
STEUBEN_REC_LFGE 323667	16.50 -0.52 0.00	16.15 -0.53 0.00	15.17 -0.69 0.00	14.24 -0.87 0.00	15.14 -0.94 0.00	15.97 -1.11 0.00	20.62 -1.47 0.00	19.23 -0.97 0.00	18.97 -0.54 0.00	17.96 0.03 0.00	19.07 0.03 0.00	19.29 0.05 0.00	18.76 0.02 0.00	24.15 0.01 0.00	25.60 -0.58 0.00	24.28 -0.58 0.00	25.93 -1.16 0.00	27.83 -1.71 0.00	29.65 -1.77 0.00	30.09 -1.70 0.00	26.25 -1.70 0.00	27.85 -2.20 0.00	19.23 -0.90 0.00	18.21 -0.33 0.00
STILLWATER____SOLAR 323814	17.48 0.46 0.00	17.14 0.47 0.00	16.31 0.45 0.00	15.61 0.50 0.00	16.62 0.54 0.00	17.73 0.64 0.00	22.93 0.83 0.00	20.95 0.75 0.00	19.92 0.41 0.00	18.18 0.25 0.00	19.24 0.20 0.00	19.41 0.16 0.00	18.87 0.14 0.00	24.39 0.24 0.00	26.53 0.34 0.00	25.26 0.39 0.00	27.71 0.62 0.00	30.55 1.02 0.00	32.70 1.28 0.00	33.17 1.39 0.00	29.18 1.23 0.00	31.18 1.14 0.00	20.78 0.65 0.00	19.11 0.58 0.00
STONY____BROOK 24151	18.15 1.13 0.00	17.84 1.16 0.00	16.93 1.07 0.00	16.20 1.09 0.00	17.14 1.06 0.00	18.09 1.01 0.00	23.51 1.42 0.00	21.65 1.45 0.00	20.48 0.98 0.00	18.27 0.63 0.29	20.21 1.16 0.00	20.37 1.12 0.00	19.73 0.99 0.00	25.58 1.44 0.00	27.95 1.76 0.00	26.63 1.77 0.00	29.15 2.06 0.00	31.81 2.28 0.00	33.75 2.34 0.00	34.56 2.78 0.00	30.42 2.47 0.00	32.30 2.25 0.00	21.60 1.48 0.00	19.87 1.34 0.00
STURGEON_POOL_HYD 23609	17.75 0.74 0.00	17.40 0.72 0.00	16.58 0.72 0.00	15.84 0.73 0.00	16.83 0.74 0.00	17.83 0.75 0.00	23.09 0.99 0.00	21.26 1.07 0.00	20.33 0.82 0.00	18.68 0.75 0.00	19.93 0.89 0.00	20.10 0.86 0.00	19.53 0.79 0.00	25.27 1.13 0.00	27.44 1.26 0.00	25.99 1.12 0.00	28.40 1.31 0.00	31.08 1.54 0.00	33.11 1.69 0.00	33.80 2.02 0.00	29.77 1.82 0.00	31.71 1.66 0.00	21.15 1.02 0.00	19.46 0.93 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.55 0.52 0.00	17.19 0.51 0.00	16.38 0.51 0.00	15.65 0.54 0.00	16.63 0.55 0.00	17.62 0.54 0.00	22.77 0.68 0.00	20.95 0.75 0.00	20.02 0.52 0.00	18.43 0.50 0.00	19.61 0.57 0.00	19.77 0.53 0.00	19.26 0.52 0.00	24.89 0.74 0.00	27.03 0.85 0.00	25.60 0.73 0.00	27.98 0.89 0.00	30.61 1.07 0.00	32.61 1.19 0.00	33.27 1.49 0.00	29.31 1.36 0.00	31.23 1.19 0.00	20.85 0.73 0.00	19.20 0.66 0.00
SWANROAD_115KV_TB1 355699	15.76 -1.26 0.00	15.43 -1.25 0.00	14.63 -1.23 0.00	13.83 -1.29 0.00	14.71 -1.38 0.00	15.44 -1.64 0.00	19.78 -2.31 0.00	18.24 -1.95 0.00	18.00 -1.51 0.00	16.76 -1.17 0.00	17.85 -1.19 0.00	18.14 -1.10 0.00	17.61 -1.12 0.00	22.48 -1.67 0.00	24.04 -2.15 0.00	22.98 -1.88 0.00	24.69 -2.39 0.00	26.37 -3.16 0.00	27.70 -3.72 0.00	28.23 -3.56 0.00	25.14 -2.81 0.00	27.04 -3.01 0.00	18.75 -1.38 0.00	17.63 -0.90 0.00
SYNERGY____BIOGAS 323694	16.48 -0.54 0.00	16.13 -0.54 0.00	15.32 -0.55 0.00	14.48 -0.63 0.00	15.44 -0.65 0.00	16.33 -0.75 0.00	21.01 -1.08 0.00	19.42 -0.78 0.00	19.04 -0.46 0.00	17.72 -0.21 0.00	18.87 -0.17 0.00	19.17 -0.08 0.00	18.61 -0.12 0.00	23.84 -0.31 0.00	25.53 -0.66 0.00	24.41 -0.45 0.00	26.25 -0.83 0.00	28.21 -1.32 0.00	29.72 -1.70 0.00	30.24 -1.54 0.00	26.89 -1.06 0.00	28.81 -1.24 0.00	19.78 -0.35 0.00	18.47 -0.07 0.00

SYRACUSE___ENERGY_ST1 323597	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	16.82 -0.21 0.00	16.46 -0.21 0.00	15.65 -0.22 0.00	14.89 -0.22 0.00	15.83 -0.25 0.00	16.83 -0.25 0.00	21.77 -0.32 0.00	19.97 -0.22 0.00	19.28 -0.23 0.00	17.74 -0.19 0.00	18.83 -0.21 0.00	19.06 -0.18 0.00	18.54 -0.19 0.00	23.93 -0.21 0.00	25.94 -0.24 0.00	24.62 -0.24 0.00	26.77 -0.32 0.00	29.16 -0.37 0.00	30.98 -0.44 0.00	31.46 -0.33 0.00	27.70 -0.25 0.00	29.63 -0.42 0.00	19.92 -0.20 0.00	18.37 -0.16 0.00
SYRACUSE___POWER 24017	16.84 -0.18 0.00	16.49 -0.19 0.00	15.66 -0.20 0.00	14.91 -0.20 0.00	15.87 -0.22 0.00	16.86 -0.22 0.00	21.82 -0.28 0.00	20.03 -0.17 0.00	19.32 -0.18 0.00	17.77 -0.16 0.00	18.85 -0.18 0.00	19.09 -0.15 0.00	18.57 -0.17 0.00	23.97 -0.17 0.00	26.00 -0.19 0.00	24.68 -0.18 0.00	26.82 -0.26 0.00	29.23 -0.31 0.00	31.04 -0.37 0.00	31.54 -0.24 0.00	27.78 -0.17 0.00	29.70 -0.35 0.00	19.95 -0.18 0.00	18.41 -0.12 0.00
TALLMAN___138KV_BK151 55660	17.64 0.62 0.00	17.27 0.59 0.00	16.46 0.60 0.00	15.74 0.63 0.00	16.72 0.63 0.00	17.70 0.62 0.00	22.87 0.77 0.00	21.05 0.85 0.00	20.11 0.61 0.00	18.52 0.59 0.00	19.73 0.69 0.00	19.88 0.64 0.00	19.36 0.63 0.00	25.02 0.88 0.00	27.18 1.00 0.00	25.72 0.86 0.00	28.11 1.02 0.00	30.75 1.22 0.00	32.76 1.34 0.00	33.46 1.68 0.00	29.49 1.54 0.00	31.39 1.34 0.00	20.95 0.82 0.00	19.29 0.75 0.00
TEALLAVE_115KV_TB7 355573	16.70 -0.31 0.00	16.37 -0.31 0.00	15.55 -0.31 0.00	14.80 -0.31 0.00	15.75 -0.33 0.00	16.74 -0.34 0.00	21.64 -0.45 0.00	19.87 -0.33 0.00	19.17 -0.33 0.00	17.65 -0.28 0.00	18.74 -0.30 0.00	18.98 -0.27 0.00	18.45 -0.28 0.00	23.81 -0.33 0.00	25.81 -0.37 0.00	24.50 -0.36 0.00	26.63 -0.46 0.00	28.99 -0.54 0.00	30.79 -0.62 0.00	31.28 -0.50 0.00	27.55 -0.40 0.00	29.46 -0.58 0.00	19.81 -0.32 0.00	18.28 -0.25 0.00
TELGRAPH_34_KV_EAST 80808	16.14 -0.88 0.00	15.81 -0.87 0.00	14.98 -0.88 0.00	14.17 -0.94 0.00	15.08 -1.01 0.00	15.90 -1.18 0.00	20.41 -1.68 0.00	18.86 -1.34 0.00	18.55 -0.96 0.00	17.27 -0.66 0.00	18.38 -0.66 0.00	18.68 -0.57 0.00	18.15 -0.59 0.00	23.20 -0.95 0.00	24.84 -1.34 0.00	23.74 -1.12 0.00	25.52 -1.57 0.00	27.33 -2.21 0.00	28.76 -2.66 0.00	29.29 -2.49 0.00	26.05 -1.90 0.00	27.98 -2.06 0.00	19.32 -0.81 0.00	18.10 -0.44 0.00
TEMPLE___115KV_TB 2 55572	16.72 -0.30 0.00	16.38 -0.30 0.00	15.56 -0.31 0.00	14.81 -0.30 0.00	15.76 -0.32 0.00	16.74 -0.34 0.00	21.65 -0.44 0.00	19.88 -0.32 0.00	19.19 -0.32 0.00	17.66 -0.27 0.00	18.76 -0.28 0.00	18.99 -0.26 0.00	18.47 -0.27 0.00	23.84 -0.31 0.00	25.83 -0.35 0.00	24.52 -0.34 0.00	26.65 -0.44 0.00	29.01 -0.52 0.00	30.80 -0.62 0.00	31.29 -0.49 0.00	27.56 -0.39 0.00	29.48 -0.57 0.00	19.83 -0.30 0.00	18.30 -0.23 0.00
TIANA___69_KV_BK 1 55817	18.39 1.37 0.00	18.10 1.43 0.00	17.17 1.31 0.00	16.45 1.34 0.00	17.42 1.33 0.00	18.38 1.30 0.00	23.94 1.85 0.00	22.05 1.85 0.00	20.82 1.31 0.00	18.38 0.74 0.29	20.37 1.33 0.00	20.45 1.21 0.00	19.75 1.01 0.00	25.62 1.48 0.00	27.96 1.78 0.00	26.70 1.84 0.00	29.42 2.33 0.00	32.14 2.60 0.00	34.19 2.77 0.00	35.06 3.27 0.00	30.84 2.89 0.00	32.74 2.69 0.00	21.87 1.74 0.00	20.10 1.57 0.00
TILDEN___115KV_TB1 80814	16.84 -0.18 0.00	16.49 -0.19 0.00	15.66 -0.20 0.00	14.91 -0.20 0.00	15.87 -0.22 0.00	16.86 -0.22 0.00	21.82 -0.28 0.00	20.03 -0.17 0.00	19.32 -0.18 0.00	17.77 -0.16 0.00	18.85 -0.18 0.00	19.09 -0.15 0.00	18.57 -0.17 0.00	23.97 -0.17 0.00	26.00 -0.19 0.00	24.68 -0.18 0.00	26.82 -0.26 0.00	29.23 -0.31 0.00	31.04 -0.37 0.00	31.54 -0.24 0.00	27.78 -0.17 0.00	29.70 -0.35 0.00	19.95 -0.18 0.00	18.41 -0.12 0.00
TRIGEN___CC 323695	17.87 0.85 0.00	17.53 0.85 0.00	16.68 0.81 0.00	15.94 0.83 0.00	16.90 0.81 0.00	17.86 0.78 0.00	23.13 1.04 0.00	21.30 1.10 0.00	20.30 0.79 0.00	18.52 0.66 0.07	20.02 0.98 0.00	20.20 0.95 0.00	19.64 0.91 0.00	25.38 1.24 0.00	27.72 1.54 0.00	26.27 1.40 0.00	28.62 1.53 0.00	31.24 1.71 0.00	33.24 1.83 0.00	33.97 2.19 0.00	29.92 1.97 0.00	31.80 1.76 0.00	21.22 1.09 0.00	19.55 1.01 0.00
TRINITY___115KV__4 BK 55933	17.14 0.12 0.00	16.82 0.15 0.00	16.02 0.15 0.00	15.32 0.20 0.00	16.28 0.20 0.00	17.30 0.22 0.00	22.32 0.23 0.00	20.37 0.17 0.00	19.55 0.04 0.00	17.91 -0.02 0.00	18.94 -0.10 0.00	19.11 -0.14 0.00	18.61 -0.12 0.00	24.03 -0.11 0.00	26.13 -0.06 0.00	24.80 -0.06 0.00	27.20 0.11 0.00	29.80 0.27 0.00	31.81 0.40 0.00	32.28 0.50 0.00	28.37 0.42 0.00	30.35 0.30 0.00	20.28 0.16 0.00	18.67 0.14 0.00
UNION___PROCESSING_DRP 323587	16.44 -0.58 0.00	16.10 -0.58 0.00	15.27 -0.59 0.00	14.49 -0.62 0.00	15.42 -0.66 0.00	16.37 -0.71 0.00	21.09 -1.00 0.00	19.42 -0.77 0.00	18.94 -0.56 0.00	17.53 -0.39 0.00	18.66 -0.38 0.00	18.92 -0.32 0.00	18.39 -0.34 0.00	23.63 -0.51 0.00	25.48 -0.71 0.00	24.28 -0.59 0.00	26.21 -0.87 0.00	28.29 -1.25 0.00	29.90 -1.52 0.00	30.42 -1.37 0.00	26.94 -1.02 0.00	28.85 -1.20 0.00	19.66 -0.47 0.00	18.27 -0.26 0.00
UPPER HUDSON___HYD 24058	17.33 0.31 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.48 0.37 0.00	16.50 0.41 0.00	17.65 0.57 0.00	22.87 0.77 0.00	20.91 0.71 0.00	19.80 0.30 0.00	18.03 0.10 0.00	19.08 0.04 0.00	19.24 0.00 0.00	18.68 -0.06 0.00	24.15 0.01 0.00	26.29 0.11 0.00	25.05 0.18 0.00	27.50 0.41 0.00	30.48 0.94 0.00	32.59 1.17 0.00	33.09 1.31 0.00	29.12 1.17 0.00	31.05 1.00 0.00	20.62 0.50 0.00	18.94 0.40 0.00
UPPER RAQUET___HYD 24056	16.77 -0.25 0.00	16.41 -0.26 0.00	15.61 -0.25 0.00	14.84 -0.28 0.00	15.83 -0.26 0.00	16.86 -0.22 0.00	21.93 -0.16 0.00	19.93 -0.26 0.00	19.18 -0.33 0.00	17.52 -0.41 0.00	18.75 -0.29 0.00	18.95 -0.29 0.00	18.48 -0.25 0.00	23.69 -0.45 0.00	25.72 -0.46 0.00	24.50 -0.37 0.00	26.62 -0.46 0.00	28.73 -0.81 0.00	30.72 -0.70 0.00	30.91 -0.87 0.00	26.55 -1.39 0.00	28.55 -1.49 0.00	19.00 -1.13 0.00	17.40 -1.14 0.00
VALLEY44_115KV_TB2 355964	16.81 -0.21 0.00	16.51 -0.17 0.00	15.64 -0.22 0.00	14.81 -0.30 0.00	15.73 -0.35 0.00	16.62 -0.46 0.00	21.32 -0.78 0.00	19.73 -0.46 0.00	19.18 -0.33 0.00	17.78 -0.15 0.00	18.91 -0.13 0.00	19.14 -0.10 0.00	18.56 -0.17 0.00	23.85 -0.29 0.00	25.62 -0.56 0.00	24.36 -0.50 0.00	26.24 -0.85 0.00	28.23 -1.31 0.00	29.86 -1.56 0.00	30.60 -1.18 0.00	27.01 -0.94 0.00	28.85 -1.20 0.00	19.91 -0.22 0.00	18.60 0.06 0.00

VALLEY___115KV_TB 1-4 80826	16.90 -0.12 0.00	16.53 -0.14 0.00	15.69 -0.17 0.00	14.93 -0.18 0.00	15.88 -0.21 0.00	16.92 -0.16 0.00	21.92 -0.18 0.00	19.63 -0.57 0.00	18.38 -1.12 0.00	17.15 -0.77 0.00	18.33 -0.71 0.00	18.50 -0.74 0.00	17.99 -0.74 0.00	23.30 -0.85 0.00	25.65 -0.54 0.00	24.61 -0.25 0.00	27.00 -0.09 0.00	29.27 -0.26 0.00	31.13 -0.29 0.00	31.67 -0.11 0.00	27.87 -0.08 0.00	29.86 -0.19 0.00	19.91 -0.22 0.00	18.24 -0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.47 0.45 0.00	17.12 0.44 0.00	16.29 0.43 0.00	15.52 0.41 0.00	16.51 0.42 0.00	17.50 0.42 0.00	22.65 0.56 0.00	20.80 0.60 0.00	19.99 0.49 0.00	18.37 0.44 0.00	19.51 0.47 0.00	19.74 0.50 0.00	19.20 0.46 0.00	24.80 0.65 0.00	26.85 0.67 0.00	25.48 0.62 0.00	27.72 0.63 0.00	30.20 0.66 0.00	32.10 0.68 0.00	32.64 0.86 0.00	28.75 0.81 0.00	30.73 0.69 0.00	20.61 0.49 0.00	19.00 0.46 0.00
VISCHER___FERRY HYD 24020	17.36 0.34 0.00	17.04 0.36 0.00	16.21 0.35 0.00	15.52 0.41 0.00	16.51 0.43 0.00	17.58 0.50 0.00	22.69 0.60 0.00	20.74 0.54 0.00	19.77 0.27 0.00	18.08 0.15 0.00	19.16 0.12 0.00	19.32 0.08 0.00	18.81 0.07 0.00	24.29 0.15 0.00	26.40 0.22 0.00	25.08 0.21 0.00	27.49 0.40 0.00	30.23 0.70 0.00	32.39 0.98 0.00	32.85 1.06 0.00	28.89 0.93 0.00	30.90 0.86 0.00	20.61 0.48 0.00	18.98 0.44 0.00
V_A_10_SYNC_DSASP 323832	16.09 -0.93 0.00	15.77 -0.91 0.00	14.97 -0.89 0.00	14.16 -0.95 0.00	15.08 -1.01 0.00	15.96 -1.12 0.00	20.46 -1.63 0.00	18.85 -1.35 0.00	18.46 -1.04 0.00	17.12 -0.81 0.00	18.22 -0.82 0.00	18.49 -0.75 0.00	17.97 -0.76 0.00	23.04 -1.10 0.00	24.77 -1.41 0.00	23.63 -1.23 0.00	25.43 -1.65 0.00	27.30 -2.23 0.00	28.79 -2.63 0.00	29.33 -2.45 0.00	26.04 -1.91 0.00	27.94 -2.10 0.00	19.22 -0.90 0.00	17.97 -0.56 0.00
V_CMM_10_SYNC_DSASP 323787	17.08 0.06 0.00	16.72 0.04 0.00	15.90 0.03 0.00	15.11 0.00 0.00	16.11 0.02 0.00	17.11 0.03 0.00	22.20 0.11 0.00	20.23 0.03 0.00	19.68 0.17 0.00	18.08 0.16 0.00	19.21 0.17 0.00	19.43 0.18 0.00	18.93 0.19 0.00	24.30 0.15 0.00	26.31 0.13 0.00	25.03 0.17 0.00	27.19 0.10 0.00	29.53 -0.01 0.00	31.48 0.06 0.00	31.64 -0.14 0.00	27.76 -0.19 0.00	30.07 0.02 0.00	20.09 -0.04 0.00	18.46 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	17.72 0.70 0.00	17.31 0.64 0.00	16.50 0.64 0.00	15.73 0.61 0.00	16.72 0.64 0.00	17.95 0.87 0.00	23.45 1.35 0.00	21.28 1.08 0.00	20.39 0.88 0.00	18.69 0.76 0.00	19.94 0.90 0.00	20.17 0.93 0.00	19.69 0.95 0.00	25.18 1.04 0.00	27.24 1.05 0.00	25.98 1.12 0.00	28.04 0.96 0.00	30.39 0.86 0.00	32.57 1.16 0.00	32.42 0.64 0.00	27.93 -0.02 0.00	30.01 -0.04 0.00	19.79 -0.34 0.00	18.06 -0.47 0.00
V_D_10_SYNC_DSASP 323841	17.19 0.17 0.00	16.83 0.15 0.00	16.00 0.14 0.00	15.21 0.10 0.00	16.22 0.13 0.00	17.24 0.16 0.00	22.38 0.29 0.00	20.38 0.18 0.00	19.80 0.30 0.00	18.21 0.28 0.00	19.33 0.28 0.00	19.53 0.29 0.00	19.03 0.29 0.00	24.42 0.28 0.00	26.46 0.27 0.00	25.18 0.32 0.00	27.35 0.26 0.00	29.75 0.22 0.00	31.73 0.32 0.00	31.91 0.13 0.00	27.98 0.03 0.00	30.28 0.23 0.00	20.23 0.10 0.00	18.57 0.04 0.00
V_E_10_SYNC_DSASP 323830	18.06 1.04 0.00	17.69 1.01 0.00	16.87 1.00 0.00	16.03 0.92 0.00	17.00 0.91 0.00	17.99 0.91 0.00	23.21 1.11 0.00	21.26 1.06 0.00	20.40 0.90 0.00	18.71 0.78 0.00	19.63 0.59 0.00	20.18 0.94 0.00	19.72 0.99 0.00	25.67 1.53 0.00	27.83 1.65 0.00	26.46 1.60 0.00	28.43 1.34 0.00	30.96 1.43 0.00	32.76 1.35 0.00	33.18 1.40 0.00	29.18 1.23 0.00	30.83 0.79 0.00	20.80 0.67 0.00	19.25 0.72 0.00
V_F_30_NSYNC___DSASP 323816	17.51 0.49 0.00	17.17 0.49 0.00	16.34 0.48 0.00	15.63 0.52 0.00	16.65 0.56 0.00	17.74 0.66 0.00	22.96 0.86 0.00	20.98 0.79 0.00	19.98 0.47 0.00	18.23 0.31 0.00	19.31 0.27 0.00	19.47 0.22 0.00	18.94 0.20 0.00	24.47 0.33 0.00	26.62 0.44 0.00	25.33 0.47 0.00	27.78 0.69 0.00	30.61 1.08 0.00	32.74 1.33 0.00	33.21 1.43 0.00	29.22 1.27 0.00	31.23 1.18 0.00	20.81 0.68 0.00	19.14 0.61 0.00
V_F_30_SYNC_DSASP 323786	17.24 0.22 0.00	16.91 0.23 0.00	16.10 0.24 0.00	15.39 0.28 0.00	16.37 0.28 0.00	17.39 0.31 0.00	22.45 0.36 0.00	20.50 0.31 0.00	19.64 0.14 0.00	17.97 0.04 0.00	19.00 -0.04 0.00	19.18 -0.07 0.00	18.68 -0.05 0.00	24.12 -0.02 0.00	26.24 0.06 0.00	24.91 0.05 0.00	27.33 0.24 0.00	29.94 0.41 0.00	31.93 0.51 0.00	32.42 0.64 0.00	28.48 0.53 0.00	30.45 0.41 0.00	20.35 0.23 0.00	18.72 0.18 0.00
V_XM_10_SYNC_DSASP 323789	17.72 0.70 0.00	17.31 0.64 0.00	16.50 0.64 0.00	15.73 0.61 0.00	16.72 0.64 0.00	17.95 0.87 0.00	23.45 1.35 0.00	21.28 1.08 0.00	20.39 0.88 0.00	18.69 0.76 0.00	19.94 0.90 0.00	20.17 0.93 0.00	19.69 0.95 0.00	25.18 1.04 0.00	27.24 1.05 0.00	25.98 1.12 0.00	28.04 0.96 0.00	30.39 0.86 0.00	32.57 1.16 0.00	32.42 0.64 0.00	27.93 -0.02 0.00	30.01 -0.04 0.00	19.79 -0.34 0.00	18.06 -0.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.68 0.67 0.00	17.32 0.64 0.00	16.51 0.64 0.00	15.78 0.67 0.00	16.76 0.68 0.00	17.75 0.67 0.00	22.94 0.84 0.00	21.12 0.92 0.00	20.18 0.67 0.00	18.58 0.65 0.00	19.79 0.75 0.00	19.95 0.70 0.00	19.42 0.68 0.00	25.10 0.96 0.00	27.28 1.09 0.00	25.82 0.96 0.00	28.22 1.13 0.00	30.87 1.34 0.00	32.88 1.47 0.00	33.59 1.81 0.00	29.60 1.64 0.00	31.50 1.46 0.00	21.02 0.89 0.00	19.34 0.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.79 0.78 0.00	17.43 0.75 0.00	16.65 0.78 0.00	15.92 0.81 0.00	16.90 0.81 0.00	17.88 0.80 0.00	23.14 1.05 0.00	21.34 1.14 0.00	20.41 0.91 0.00	19.12 0.86 -0.33	20.04 1.00 0.00	20.20 0.95 0.00	19.64 0.91 0.00	25.39 1.25 0.00	27.61 1.43 0.00	26.12 1.25 0.00	28.51 1.42 0.00	31.18 1.64 0.00	33.17 1.76 0.00	33.87 2.09 0.00	29.86 1.91 0.00	31.78 1.73 0.00	21.15 1.03 0.00	19.49 0.96 0.00
W50THST__13_KV_LOAD 356117	17.86 0.84 0.00	17.49 0.81 0.00	16.71 0.84 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.25 1.15 0.00	21.46 1.26 0.00	20.53 1.02 0.00	19.24 0.98 -0.33	20.17 1.13 0.00	20.33 1.09 0.00	19.77 1.03 0.00	25.56 1.42 0.00	27.79 1.61 0.00	26.28 1.42 0.00	28.69 1.60 0.00	31.36 1.83 0.00	33.35 1.94 0.00	34.05 2.26 0.00	30.00 2.05 0.00	31.92 1.87 0.00	21.24 1.12 0.00	19.57 1.03 0.00
WADING RIVER_IC_1 23522	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.67 1.17 0.00	18.20 0.56 0.29	20.24 1.20 0.00	20.29 1.05 0.00	19.56 0.83 0.00	25.39 1.24 0.00	27.65 1.47 0.00	26.39 1.53 0.00	29.15 2.06 0.00	31.83 2.29 0.00	33.86 2.44 0.00	34.74 2.96 0.00	30.56 2.61 0.00	32.44 2.39 0.00	21.71 1.58 0.00	19.95 1.42 0.00



WADING RIVER_IC_2 23547	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.67 1.17 0.00	18.20 0.56 0.29	20.24 1.20 0.00	20.29 1.05 0.00	19.56 0.83 0.00	25.39 1.24 0.00	27.65 1.47 0.00	26.39 1.53 0.00	29.15 2.06 0.00	31.83 2.29 0.00	33.86 2.44 0.00	34.74 2.96 0.00	30.56 2.61 0.00	32.44 2.39 0.00	21.71 1.58 0.00	19.95 1.42 0.00
WADING RIVER_IC_3 23601	18.29 1.27 0.00	18.02 1.34 0.00	17.07 1.21 0.00	16.37 1.26 0.00	17.32 1.24 0.00	18.26 1.18 0.00	23.81 1.72 0.00	21.91 1.71 0.00	20.67 1.17 0.00	18.20 0.56 0.29	20.24 1.20 0.00	20.29 1.05 0.00	19.56 0.83 0.00	25.39 1.24 0.00	27.65 1.47 0.00	26.39 1.53 0.00	29.15 2.06 0.00	31.83 2.29 0.00	33.86 2.44 0.00	34.74 2.96 0.00	30.56 2.61 0.00	32.44 2.39 0.00	21.71 1.58 0.00	19.95 1.42 0.00
WALDENNY_I2_KV_BK2 80841	16.26 -0.76 0.00	15.92 -0.76 0.00	15.08 -0.78 0.00	14.25 -0.86 0.00	15.15 -0.93 0.00	15.98 -1.10 0.00	20.55 -1.55 0.00	19.00 -1.19 0.00	18.67 -0.84 0.00	17.38 -0.55 0.00	18.48 -0.56 0.00	18.79 -0.46 0.00	18.25 -0.49 0.00	23.38 -0.76 0.00	25.09 -1.10 0.00	23.91 -0.95 0.00	25.68 -1.40 0.00	27.52 -2.01 0.00	28.96 -2.46 0.00	29.52 -2.27 0.00	26.19 -1.76 0.00	28.08 -1.97 0.00	19.42 -0.71 0.00	18.18 -0.36 0.00
WALDEN___HYDRO 24148	17.70 0.68 0.00	17.33 0.65 0.00	16.51 0.65 0.00	15.78 0.67 0.00	16.77 0.69 0.00	17.79 0.70 0.00	23.01 0.92 0.00	21.16 0.97 0.00	20.20 0.69 0.00	18.56 0.63 0.00	19.72 0.68 0.00	19.90 0.65 0.00	19.38 0.65 0.00	25.07 0.93 0.00	27.24 1.06 0.00	25.79 0.93 0.00	28.22 1.13 0.00	30.88 1.35 0.00	32.91 1.50 0.00	33.59 1.81 0.00	29.60 1.65 0.00	31.52 1.47 0.00	21.04 0.91 0.00	19.35 0.82 0.00
WARRENSBURG___ 23737	17.33 0.31 0.00	16.98 0.31 0.00	16.17 0.31 0.00	15.48 0.37 0.00	16.50 0.41 0.00	17.65 0.57 0.00	22.87 0.77 0.00	20.91 0.71 0.00	19.80 0.30 0.00	18.03 0.10 0.00	19.08 0.04 0.00	19.24 0.00 0.00	18.68 -0.06 0.00	24.15 0.01 0.00	26.29 0.11 0.00	25.05 0.18 0.00	27.50 0.41 0.00	30.48 0.94 0.00	32.59 1.17 0.00	33.09 1.31 0.00	29.12 1.17 0.00	31.05 1.00 0.00	20.62 0.50 0.00	18.94 0.40 0.00
WATERSIDE___6 8 9 23538	17.83 0.81 0.00	17.47 0.79 0.00	16.69 0.83 0.00	15.96 0.85 0.00	16.93 0.85 0.00	17.92 0.84 0.00	23.20 1.10 0.00	21.38 1.18 0.00	20.45 0.95 0.00	19.23 0.87 -0.44	20.08 1.04 0.00	20.22 0.98 0.00	19.67 0.93 0.00	25.44 1.29 0.00	27.67 1.48 0.00	26.16 1.30 0.00	28.56 1.47 0.00	31.22 1.69 0.00	33.22 1.80 0.00	33.94 2.16 0.00	29.91 1.96 0.00	31.85 1.80 0.00	21.20 1.08 0.00	19.53 1.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.97 -0.06 0.00	16.62 -0.06 0.00	15.80 -0.06 0.00	15.07 -0.04 0.00	16.03 -0.05 0.00	17.06 -0.03 0.00	22.07 -0.02 0.00	20.08 -0.12 0.00	19.15 -0.36 0.00	17.66 -0.27 0.00	18.77 -0.27 0.00	18.95 -0.29 0.00	18.45 -0.29 0.00	23.82 -0.32 0.00	25.97 -0.21 0.00	24.72 -0.14 0.00	27.08 0.00 0.00	29.56 0.02 0.00	31.47 0.05 0.00	31.96 0.18 0.00	28.12 0.17 0.00	30.12 0.07 0.00	20.11 -0.02 0.00	18.47 -0.06 0.00
WATSON___69_KV_BK 1 55734	18.26 1.25 0.00	17.94 1.26 0.00	17.05 1.18 0.00	16.29 1.18 0.00	17.24 1.16 0.00	18.22 1.14 0.00	23.68 1.59 0.00	21.80 1.60 0.00	20.67 1.17 0.00	18.48 0.83 0.28	20.35 1.31 0.00	20.50 1.26 0.00	19.88 1.14 0.00	25.75 1.61 0.00	28.16 1.98 0.00	26.83 1.97 0.00	29.34 2.25 0.00	32.00 2.47 0.00	34.03 2.61 0.00	34.80 3.01 0.00	30.66 2.71 0.00	32.56 2.51 0.00	21.72 1.59 0.00	19.98 1.45 0.00
WDELAWARE___HYD 323627	17.60 0.58 0.00	17.37 0.69 0.00	16.55 0.69 0.00	15.82 0.71 0.00	16.82 0.74 0.00	17.85 0.77 0.00	23.12 1.03 0.00	21.26 1.07 0.00	20.30 0.79 0.00	18.64 0.71 0.00	19.84 0.80 0.00	20.03 0.79 0.00	19.41 0.68 0.00	25.15 1.01 0.00	27.27 1.08 0.00	25.92 1.06 0.00	28.35 1.26 0.00	31.01 1.47 0.00	33.06 1.64 0.00	33.71 1.93 0.00	29.69 1.74 0.00	31.60 1.55 0.00	21.08 0.96 0.00	19.40 0.87 0.00
WEST BABYLON___IC 23714	18.18 1.16 0.00	17.86 1.18 0.00	16.97 1.11 0.00	16.21 1.11 0.00	17.16 1.08 0.00	18.14 1.05 0.00	23.54 1.45 0.00	21.68 1.48 0.00	20.59 1.08 0.00	18.48 0.80 0.26	20.28 1.24 0.00	20.45 1.21 0.00	19.85 1.12 0.00	25.68 1.54 0.00	28.10 1.92 0.00	26.74 1.88 0.00	29.19 2.10 0.00	31.83 2.30 0.00	33.86 2.45 0.00	34.62 2.84 0.00	30.50 2.55 0.00	32.40 2.36 0.00	21.61 1.48 0.00	19.89 1.36 0.00
WEST CANADA___HYD 24049	17.05 0.03 0.00	16.71 0.03 0.00	15.90 0.03 0.00	15.16 0.05 0.00	16.13 0.05 0.00	17.12 0.05 0.00	22.15 0.05 0.00	20.26 0.06 0.00	19.51 0.00 0.00	17.92 -0.01 0.00	19.02 -0.02 0.00	19.22 -0.02 0.00	18.71 -0.02 0.00	24.14 -0.01 0.00	26.20 0.02 0.00	24.88 0.01 0.00	27.14 0.05 0.00	29.62 0.09 0.00	31.51 0.09 0.00	31.94 0.15 0.00	28.08 0.14 0.00	30.11 0.07 0.00	20.16 0.03 0.00	18.56 0.03 0.00
WESTERN_NY_WIND 24143	16.45 -0.56 0.00	16.11 -0.56 0.00	15.28 -0.58 0.00	14.46 -0.65 0.00	15.40 -0.68 0.00	16.29 -0.79 0.00	20.97 -1.12 0.00	19.39 -0.81 0.00	19.01 -0.49 0.00	17.69 -0.24 0.00	18.85 -0.19 0.00	19.14 -0.10 0.00	18.59 -0.15 0.00	23.80 -0.35 0.00	25.49 -0.70 0.00	24.36 -0.50 0.00	26.21 -0.87 0.00	28.15 -1.38 0.00	29.66 -1.76 0.00	30.18 -1.60 0.00	26.83 -1.12 0.00	28.75 -1.30 0.00	19.76 -0.37 0.00	18.44 -0.09 0.00
WESTOVER___LESR 323668	16.98 -0.04 0.00	16.65 -0.03 0.00	15.81 -0.05 0.00	15.04 -0.07 0.00	15.99 -0.09 0.00	16.94 -0.13 0.00	21.85 -0.25 0.00	20.17 -0.03 0.00	19.42 -0.09 0.00	17.92 -0.01 0.00	19.04 0.00 0.00	19.29 0.04 0.00	18.76 0.03 0.00	24.20 0.06 0.00	26.15 -0.04 0.00	24.77 -0.09 0.00	26.88 -0.20 0.00	29.23 -0.30 0.00	31.03 -0.39 0.00	31.66 -0.12 0.00	27.86 -0.09 0.00	29.75 -0.30 0.00	20.08 -0.05 0.00	18.55 0.01 0.00
WETHRSFD_WT_PWR 323626	16.19 -0.83 0.00	15.84 -0.84 0.00	14.98 -0.88 0.00	14.12 -1.00 0.00	14.99 -1.10 0.00	15.79 -1.29 0.00	20.31 -1.78 0.00	18.91 -1.28 0.00	18.58 -0.93 0.00	17.36 -0.57 0.00	18.43 -0.61 0.00	18.71 -0.53 0.00	18.21 -0.52 0.00	23.40 -0.74 0.00	25.00 -1.18 0.00	23.71 -1.15 0.00	25.42 -1.67 0.00	27.31 -2.22 0.00	28.90 -2.52 0.00	29.38 -2.40 0.00	25.91 -2.04 0.00	27.63 -2.42 0.00	19.04 -1.09 0.00	17.93 -0.61 0.00
WHAVSTOR_138KV_BK127 55557	17.62 0.61 0.00	17.26 0.59 0.00	16.45 0.59 0.00	15.73 0.62 0.00	16.71 0.63 0.00	17.69 0.61 0.00	22.86 0.77 0.00	21.04 0.84 0.00	20.10 0.59 0.00	18.51 0.58 0.00	19.72 0.68 0.00	19.87 0.63 0.00	19.34 0.61 0.00	25.01 0.86 0.00	27.17 0.98 0.00	25.71 0.85 0.00	28.09 1.01 0.00	30.74 1.21 0.00	32.75 1.33 0.00	33.44 1.66 0.00	29.48 1.52 0.00	31.38 1.33 0.00	20.94 0.81 0.00	19.27 0.74 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.62 0.61 0.00	17.26 0.59 0.00	16.45 0.59 0.00	15.73 0.62 0.00	16.71 0.63 0.00	17.69 0.61 0.00	22.86 0.77 0.00	21.04 0.84 0.00	20.10 0.59 0.00	18.51 0.58 0.00	19.72 0.68 0.00	19.87 0.63 0.00	19.34 0.61 0.00	25.01 0.86 0.00	27.17 0.98 0.00	25.71 0.85 0.00	28.09 1.01 0.00	30.74 1.21 0.00	32.75 1.33 0.00	33.44 1.66 0.00	29.48 1.52 0.00	31.38 1.33 0.00	20.94 0.81 0.00	19.27 0.74 0.00
WHITEHAL_115KV_TB1 80871	17.56 0.54 0.00	17.21 0.53 0.00	16.39 0.53 0.00	15.77 0.66 0.00	16.86 0.77 0.00	18.20 1.12 0.00	23.56 1.46 0.00	21.54 1.35 0.00	19.99 0.49 0.00	18.10 0.17 0.00	19.17 0.13 0.00	19.35 0.11 0.00	18.66 -0.07 0.00	24.16 0.02 0.00	26.36 0.18 0.00	25.16 0.30 0.00	27.66 0.57 0.00	31.24 1.70 0.00	33.38 1.97 0.00	33.93 2.15 0.00	29.89 1.94 0.00	31.62 1.57 0.00	20.87 0.75 0.00	19.18 0.64 0.00
WHITEPLN_13_KV_LOAD 356215	17.83 0.81 0.00	17.47 0.79 0.00	16.64 0.78 0.00	15.92 0.80 0.00	16.90 0.81 0.00	17.91 0.83 0.00	23.18 1.08 0.00	21.35 1.15 0.00	20.41 0.90 0.00	18.77 0.83 -0.01	20.02 0.98 0.00	20.18 0.93 0.00	19.64 0.91 0.00	25.39 1.24 0.00	27.61 1.43 0.00	26.14 1.28 0.00	28.56 1.48 0.00	31.26 1.72 0.00	33.30 1.89 0.00	33.98 2.20 0.00	29.94 1.99 0.00	31.86 1.81 0.00	21.23 1.10 0.00	19.54 1.01 0.00
WM_FLOYD_69_KV_BK2 356380	18.31 1.29 0.00	18.01 1.33 0.00	17.09 1.22 0.00	16.36 1.25 0.00	17.32 1.23 0.00	18.28 1.20 0.00	23.80 1.71 0.00	21.90 1.70 0.00	20.71 1.21 0.00	18.34 0.70 0.29	20.28 1.24 0.00	20.39 1.15 0.00	19.70 0.96 0.00	25.57 1.43 0.00	27.90 1.72 0.00	26.65 1.79 0.00	29.30 2.21 0.00	31.99 2.46 0.00	34.02 2.60 0.00	34.88 3.09 0.00	30.68 2.73 0.00	32.57 2.53 0.00	21.76 1.63 0.00	20.02 1.48 0.00
WOODARD__115KV_TB2 355635	16.68 -0.34 0.00	16.33 -0.34 0.00	15.52 -0.34 0.00	14.78 -0.33 0.00	15.73 -0.36 0.00	16.71 -0.37 0.00	21.60 -0.49 0.00	19.83 -0.37 0.00	19.14 -0.37 0.00	17.61 -0.32 0.00	18.70 -0.34 0.00	18.92 -0.32 0.00	18.41 -0.32 0.00	23.76 -0.39 0.00	25.75 -0.44 0.00	24.45 -0.42 0.00	26.57 -0.52 0.00	28.94 -0.59 0.00	30.74 -0.68 0.00	31.22 -0.56 0.00	27.49 -0.46 0.00	29.41 -0.64 0.00	19.77 -0.36 0.00	18.25 -0.29 0.00
YORK___WARBASSE 23770	17.89 0.86 0.00	17.51 0.83 0.00	16.72 0.85 0.00	15.98 0.87 0.00	16.96 0.87 0.00	17.95 0.87 0.00	23.23 1.14 0.00	21.42 1.22 0.00	20.48 0.97 0.00	19.24 0.88 -0.44	20.11 1.07 0.00	20.25 1.01 0.00	19.70 0.96 0.00	25.48 1.33 0.00	27.72 1.54 0.00	26.21 1.35 0.00	28.63 1.55 0.00	31.30 1.77 0.00	33.32 1.90 0.00	34.05 2.27 0.00	30.00 2.05 0.00	31.94 1.89 0.00	21.27 1.15 0.00	19.60 1.07 0.00