

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										06/11/2024	
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	EDT		
	20.20	18.78	16.94	16.36	16.28	18.01	21.38	22.38	23.24	21.36	22.28	22.21	22.99	23.48	23.71	24.23	27.32	30.97	32.34	32.42	31.58	27.84	24.64	22.24			
	1.20	1.05	0.79	0.76	0.75	0.89	1.17	1.43	1.62	1.42	1.59	1.61	1.84	1.96	2.04	2.04	2.51	2.82	3.02	2.89	2.55	2.06	1.55	1.24			
74TH STREET_GT_1 24260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	20.25	18.80	17.03	16.39	16.31	18.01	21.38	22.38	23.26	21.36	22.28	22.38	22.99	23.48	23.71	24.23	27.35	31.00	32.37	32.48	31.63	27.86	24.69	22.28			
	1.25	1.06	0.89	0.80	0.78	0.89	1.17	1.43	1.64	1.42	1.59	1.77	1.84	1.96	2.04	2.04	2.53	2.84	3.05	2.95	2.61	2.09	1.59	1.28			
74TH STREET_GT_2 24261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	20.25	18.80	17.03	16.39	16.31	18.01	21.38	22.38	23.26	21.36	22.28	22.38	22.99	23.48	23.71	24.23	27.35	31.00	32.37	32.48	31.63	27.86	24.69	22.28			
	1.25	1.06	0.89	0.80	0.78	0.89	1.17	1.43	1.64	1.42	1.59	1.77	1.84	1.96	2.04	2.04	2.53	2.84	3.05	2.95	2.61	2.09	1.59	1.28			
ADK HUDSON___FALLS 24011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	20.29	18.96	17.23	16.61	16.53	18.25	21.56	22.30	23.02	21.08	21.95	21.84	22.42	22.84	22.97	23.58	26.56	30.16	31.81	31.83	31.40	27.76	24.85	22.41			
	1.29	1.22	1.08	1.01	0.99	1.13	1.35	1.34	1.40	1.14	1.26	1.24	1.27	1.31	1.30	1.40	1.74	2.00	2.49	2.30	2.38	1.98	1.76	1.41			
ADK RESOURCE___RCVRY 23798	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	20.41	19.07	17.26	16.68	16.61	18.37	21.68	22.40	23.15	21.18	22.05	21.88	22.52	22.94	23.08	23.69	26.68	30.36	32.02	32.03	31.63	27.96	24.99	22.53			
	1.41	1.33	1.11	1.09	1.07	1.25	1.47	1.44	1.53	1.24	1.36	1.28	1.37	1.42	1.41	1.51	1.86	2.20	2.70	2.51	2.61	2.19	1.89	1.53			
ADK S GLENS___FALLS 24028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	20.29	18.96	17.23	16.61	16.53	18.25	21.56	22.30	23.02	21.08	21.95	21.84	22.42	22.84	22.97	23.58	26.56	30.16	31.81	31.83	31.40	27.76	24.85	22.41			
	1.29	1.22	1.08	1.01	0.99	1.13	1.35	1.34	1.40	1.14	1.26	1.24	1.27	1.31	1.30	1.40	1.74	2.00	2.49	2.30	2.38	1.98	1.76	1.41			
ADK_NYS___DAM 23527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	19.99	18.75	17.00	16.47	16.40	17.99	21.22	22.11	22.74	20.82	21.66	21.49	22.16	22.66	22.71	23.27	26.21	29.90	31.46	31.68	31.00	27.40	24.38	21.99			
	0.99	1.01	0.86	0.87	0.87	0.87	1.01	1.15	1.12	0.88	0.97	0.89	1.02	1.14	1.04	1.09	1.39	1.75	2.14	2.15	1.97	1.62	1.29	0.99			
AIR_PRODUCTS___DRP 24190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	19.34	18.36	16.73	16.12	16.03	17.51	20.65	21.29	21.96	20.14	20.95	20.91	21.49	21.91	22.04	22.56	25.27	28.78	30.17	30.38	29.75	26.29	23.51	21.25			
	0.34	0.62	0.58	0.53	0.50	0.39	0.44	0.34	0.35	0.20	0.27	0.31	0.34	0.39	0.37	0.38	0.45	0.62	0.85	0.86	0.73	0.52	0.42	0.25			
AKWESSNE_115KV_BK 355683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	18.58	17.40	15.87	15.44	15.38	16.83	19.90	20.64	21.25	19.62	20.31	20.21	20.77	21.12	21.24	21.74	24.17	27.45	28.38	28.61	28.35	25.21	22.72	20.64			
	-0.42	-0.34	-0.27	-0.16	-0.16	-0.29	-0.30	-0.31	-0.37	-0.32	-0.37	-0.39	-0.38	-0.41	-0.43	-0.44	-0.65	-0.70	-0.94	-0.92	-0.67	-0.57	-0.37	-0.36			
ALBANY_1_SOLAR 323833	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	19.65	18.52	16.81	16.25	16.16	17.73	20.89	21.52	22.13	20.28	21.04	20.91	21.53	21.93	22.08	22.65	25.44	29.06	30.55	30.79	30.21	26.73	23.88	21.61			
	0.65	0.78	0.66	0.65	0.62	0.62	0.69	0.57	0.52	0.34	0.35	0.31	0.38	0.41	0.41	0.47	0.62	0.90	1.23	1.27	1.19	0.95	0.79	0.61			
ALBANY_2_SOLAR 323834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	19.63	18.50	16.81	16.25	16.16	17.73	20.89	21.52	22.13	20.28	21.04	20.91	21.53	21.93	22.06	22.65	25.44	29.03	30.52	30.79	30.18	26.73	23.88	21.61			
	0.63	0.76	0.66	0.65	0.62	0.62	0.69	0.57	0.52	0.34	0.35	0.31	0.38	0.41	0.39	0.47	0.62	0.87	1.20	1.27	1.16	0.95	0.79	0.61			
ALBANY___1 23571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	19.34	18.36	16.73	16.12	16.03	17.51	20.65	21.29	21.96	20.14	20.95	20.91	21.49	21.91	22.04	22.56	25.27	28.78	30.17	30.38	29.75	26.29	23.51	21.25			
	0.34	0.62	0.58	0.53	0.50	0.39	0.44	0.34	0.35	0.20	0.27	0.31	0.34	0.39	0.37	0.38	0.45	0.62	0.85	0.86	0.73	0.52	0.42	0.25			

ALBANY___2 23572	19.34 0.34 0.00	18.36 0.62 0.00	16.73 0.58 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.51 0.39 0.00	20.65 0.44 0.00	21.29 0.34 0.00	21.96 0.35 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.49 0.34 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
ALBANY___3 23573	19.34 0.34 0.00	18.36 0.62 0.00	16.73 0.58 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.51 0.39 0.00	20.65 0.44 0.00	21.29 0.34 0.00	21.96 0.35 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.49 0.34 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
ALBANY___4 23574	19.34 0.34 0.00	18.36 0.62 0.00	16.73 0.58 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.51 0.39 0.00	20.65 0.44 0.00	21.29 0.34 0.00	21.96 0.35 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.49 0.34 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
ALBANY___LFGE 323615	19.53 0.53 0.00	18.50 0.76 0.00	16.79 0.65 0.00	16.23 0.64 0.00	16.14 0.61 0.00	17.66 0.55 0.00	20.83 0.63 0.00	21.50 0.54 0.00	22.15 0.54 0.00	20.34 0.40 0.00	21.16 0.48 0.00	21.02 0.41 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.23 0.56 0.00	22.78 0.60 0.00	25.51 0.69 0.00	29.09 0.93 0.00	30.52 1.20 0.00	30.71 1.18 0.00	30.06 1.04 0.00	26.60 0.82 0.00	23.76 0.67 0.00	21.46 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	18.53 -0.48 0.00	17.37 -0.37 0.00	15.85 -0.29 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.79 -0.33 0.00	19.88 -0.32 0.00	20.62 -0.34 0.00	21.18 -0.43 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.44 0.00	21.07 -0.45 0.00	21.17 -0.50 0.00	21.63 -0.55 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.49 -1.03 0.00	28.24 -0.78 0.00	25.13 -0.64 0.00	22.68 -0.42 0.00	20.58 -0.42 0.00
ALCOA_RYNLDS___DRP 24188	18.53 -0.48 0.00	17.37 -0.37 0.00	15.85 -0.29 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.79 -0.33 0.00	19.88 -0.32 0.00	20.62 -0.34 0.00	21.18 -0.43 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.44 0.00	21.07 -0.45 0.00	21.17 -0.50 0.00	21.63 -0.55 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.49 -1.03 0.00	28.24 -0.78 0.00	25.13 -0.64 0.00	22.68 -0.42 0.00	20.58 -0.42 0.00
ALCOA___DSASP 323711	18.53 -0.47 0.00	17.37 -0.37 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.77 -0.34 0.00	19.88 -0.32 0.00	20.62 -0.34 0.00	21.18 -0.43 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.45 0.00	21.07 -0.45 0.00	21.17 -0.50 0.00	21.63 -0.55 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.49 -1.03 0.00	28.24 -0.78 0.00	25.13 -0.64 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
ALLEGHENY___COGEN 23514	19.72 0.72 0.00	18.20 0.46 0.00	16.63 0.48 0.00	16.04 0.45 0.00	16.02 0.48 0.00	17.87 0.75 0.00	21.04 0.83 0.00	21.69 0.73 0.00	22.15 0.54 0.00	20.38 0.44 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.28 0.13 0.00	21.44 -0.09 0.00	21.61 -0.06 0.00	22.19 0.00 0.00	24.92 0.10 0.00	28.21 0.06 0.00	29.85 0.53 0.00	30.53 1.00 0.00	29.98 0.96 0.00	27.01 1.24 0.00	24.22 1.13 0.00	21.86 0.86 0.00
ALTAMONT_115KV_TB 2 55880	19.46 0.46 0.00	18.25 0.51 0.00	16.60 0.45 0.00	16.00 0.41 0.00	15.92 0.39 0.00	17.51 0.39 0.00	20.67 0.46 0.00	21.44 0.48 0.00	22.13 0.52 0.00	20.34 0.40 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.08 0.56 0.00	22.23 0.56 0.00	22.78 0.60 0.00	25.56 0.74 0.00	29.06 0.90 0.00	30.44 1.11 0.00	30.62 1.09 0.00	29.98 0.96 0.00	26.55 0.77 0.00	23.67 0.58 0.00	21.44 0.44 0.00
ALTONA_WT_PWR 323606	18.91 -0.09 0.00	17.76 0.02 0.00	16.27 0.13 0.00	15.75 0.16 0.00	15.71 0.17 0.00	17.25 0.14 0.00	20.53 0.32 0.00	21.35 0.40 0.00	21.98 0.37 0.00	20.42 0.48 0.00	20.81 0.12 0.00	20.67 0.06 0.00	21.23 0.08 0.00	21.63 0.11 0.00	21.76 0.09 0.00	22.27 0.09 0.00	24.79 -0.02 0.00	28.19 0.03 0.00	29.12 -0.20 0.00	29.41 -0.12 0.00	29.57 0.55 0.00	26.24 0.46 0.00	23.65 0.55 0.00	21.36 0.36 0.00
AMERICAN_REF_FUEL 24010	18.68 -0.32 0.00	17.22 -0.51 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.21 -0.33 0.00	16.89 -0.22 0.00	19.70 -0.50 0.00	20.22 -0.73 0.00	21.01 -0.61 0.00	19.60 -0.34 0.00	20.23 -0.46 0.00	20.21 -0.39 0.00	20.62 -0.53 0.00	20.84 -0.69 0.00	20.98 -0.69 0.00	21.50 -0.69 0.00	23.97 -0.84 0.00	26.75 -1.41 0.00	28.03 -1.29 0.00	28.34 -1.18 0.00	27.57 -1.45 0.00	24.95 -0.83 0.00	22.52 -0.58 0.00	20.60 -0.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.44 0.44 0.00	17.95 0.21 0.00	16.47 0.32 0.00	15.90 0.31 0.00	15.86 0.33 0.00	17.68 0.56 0.00	20.71 0.51 0.00	21.42 0.46 0.00	22.22 0.60 0.00	20.74 0.80 0.00	21.43 0.74 0.00	21.39 0.78 0.00	21.89 0.74 0.00	22.13 0.60 0.00	22.28 0.61 0.00	22.76 0.58 0.00	25.41 0.59 0.00	28.30 0.14 0.00	29.70 0.38 0.00	30.06 0.53 0.00	29.23 0.20 0.00	26.37 0.59 0.00	23.72 0.62 0.00	21.63 0.63 0.00
ARTHUR KILL_GT_1 23520	20.32 1.31 -0.01	18.78 1.05 0.00	16.92 0.77 0.00	16.33 0.73 0.00	16.23 0.70 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.15 1.19 0.00	23.00 1.38 0.00	21.14 1.20 0.00	22.09 1.41 0.00	22.07 1.46 0.00	22.86 1.71 0.00	23.38 1.85 0.00	23.63 1.95 -0.01	24.16 1.97 0.00	27.31 2.48 -0.01	31.01 2.84 -0.01	32.41 3.08 -0.01	32.50 2.98 0.00	31.60 2.58 0.00	27.78 2.01 0.00	24.62 1.52 0.00	22.33 1.32 0.00
ARTHUR_KILL_2 23512	20.26 1.25 -0.01	18.73 0.99 0.00	16.89 0.74 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.82 0.70 0.00	21.12 0.91 0.00	22.09 1.13 0.00	22.93 1.32 0.00	21.08 1.14 0.00	22.03 1.34 0.00	22.01 1.40 0.00	22.80 1.65 0.00	23.31 1.79 0.00	23.54 1.86 -0.01	24.09 1.91 0.00	27.23 2.41 -0.01	30.93 2.76 -0.01	32.29 2.96 -0.01	32.39 2.86 0.00	31.49 2.47 0.00	27.71 1.93 0.00	24.55 1.46 0.00	22.26 1.26 0.00
ARTHUR_KILL_3 23513	20.05 1.04 0.00	18.64 0.90 0.00	16.84 0.69 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.17 1.21 0.00	23.02 1.40 0.00	21.18 1.24 0.00	22.09 1.41 0.00	22.03 1.42 0.00	22.80 1.65 0.00	23.29 1.77 0.00	23.51 1.84 0.00	24.03 1.84 0.00	27.10 2.28 0.00	30.72 2.56 0.00	32.08 2.76 0.00	32.18 2.66 0.00	31.34 2.32 0.00	27.63 1.86 0.00	24.43 1.34 0.00	22.05 1.05 0.00

ARTHUR_KILL_COGEN 323718	20.32 1.31 -0.01	18.78 1.05 0.00	16.92 0.77 0.00	16.33 0.73 0.00	16.23 0.70 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.15 1.19 0.00	23.00 1.38 0.00	21.14 1.20 0.00	22.09 1.41 0.00	22.07 1.46 0.00	22.86 1.71 0.00	23.38 1.85 0.00	23.63 1.95 -0.01	24.16 1.97 0.00	27.31 2.48 -0.01	31.01 2.84 -0.01	32.41 3.08 -0.01	32.50 2.98 0.00	31.60 2.58 0.00	27.78 2.01 0.00	24.62 1.52 0.00	22.33 1.32 0.00
ASHOKAN____ 23654	19.86 0.86 0.00	18.63 0.89 0.00	16.87 0.73 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.82 0.70 0.00	21.06 0.85 0.00	21.67 0.71 0.00	22.39 0.78 0.00	20.46 0.52 0.00	21.30 0.62 0.00	21.12 0.52 0.00	21.82 0.68 0.00	22.28 0.75 0.00	22.45 0.78 0.00	23.01 0.82 0.00	25.99 1.17 0.00	29.59 1.44 0.00	31.20 1.88 0.00	31.47 1.95 0.00	30.82 1.80 0.00	27.21 1.44 0.00	24.20 1.11 0.00	21.86 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.32 1.31 -0.01	18.84 1.10 0.00	16.98 0.84 0.00	16.37 0.78 0.00	16.30 0.76 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.17 1.24 0.01	22.12 1.45 0.01	22.04 1.44 0.01	22.81 1.67 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.14 2.33 0.01	30.77 2.62 0.01	32.13 2.82 0.01	32.20 2.69 0.01	31.36 2.35 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.32 1.31 -0.01	18.84 1.10 0.00	16.98 0.84 0.00	16.37 0.78 0.00	16.30 0.76 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.17 1.24 0.01	22.12 1.45 0.01	22.04 1.44 0.01	22.81 1.67 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.14 2.33 0.01	30.77 2.62 0.01	32.13 2.82 0.01	32.20 2.69 0.01	31.36 2.35 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
ASTORIA_GT2_1 24094	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT2_2 24095	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT2_3 24096	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT2_4 24097	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT3_1 24098	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT3_2 24099	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT3_3 24100	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT3_4 24101	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT4_1 24102	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT4_2 24103	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT4_3 24104	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00

ASTORIA_GT4_4 24105	20.32 1.31 -0.01	18.84 1.10 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.30 0.76 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.21 1.26 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.57 1.91 0.01	24.07 1.89 0.00	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.28 1.28 0.00
ASTORIA_GT_1 23523	20.36 1.35 -0.01	18.86 1.12 0.00	17.02 0.87 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.92 0.80 0.00	21.23 1.03 0.01	22.25 1.30 0.01	23.08 1.47 0.01	21.23 1.30 0.01	22.17 1.49 0.01	22.10 1.50 0.01	22.87 1.73 0.01	23.37 1.85 0.01	23.61 1.95 0.01	24.13 1.95 0.01	27.22 2.41 0.01	30.83 2.68 0.01	32.22 2.90 0.01	32.29 2.77 0.01	31.45 2.44 0.01	27.70 1.93 0.01	24.52 1.43 0.01	22.35 1.35 0.00
ASTORIA_GT_10 24110	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
ASTORIA_GT_11 24225	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
ASTORIA_GT_12 24226	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
ASTORIA_GT_13 24227	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
ASTORIA_GT_5 24106	20.36 1.35 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.90 0.79 0.00	21.24 1.03 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.24 1.30 0.00	22.17 1.49 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.61 1.95 0.01	24.14 1.95 0.00	27.22 2.41 0.01	30.82 2.67 0.01	32.22 2.90 0.01	32.30 2.78 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.32 1.32 0.00
ASTORIA_GT_7 24107	20.36 1.35 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.90 0.79 0.00	21.24 1.03 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.24 1.30 0.00	22.17 1.49 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.61 1.95 0.01	24.14 1.95 0.00	27.22 2.41 0.01	30.82 2.67 0.01	32.22 2.90 0.01	32.30 2.78 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.32 1.32 0.00
ASTORIA_GT_8 24108	20.36 1.35 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.90 0.79 0.00	21.24 1.03 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.24 1.30 0.00	22.17 1.49 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.61 1.95 0.01	24.14 1.95 0.00	27.22 2.41 0.01	30.82 2.67 0.01	32.22 2.90 0.01	32.30 2.78 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.32 1.32 0.00
ASTORIA___2 24149	20.32 1.31 -0.01	18.84 1.10 0.00	16.98 0.84 0.00	16.37 0.78 0.00	16.30 0.76 0.00	17.90 0.79 0.00	21.21 1.01 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.19 1.26 0.01	22.12 1.45 0.01	22.06 1.46 0.01	22.83 1.69 0.01	23.32 1.81 0.01	23.57 1.91 0.01	24.09 1.91 0.01	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.23 2.71 0.01	31.39 2.38 0.01	27.64 1.88 0.01	24.47 1.39 0.01	22.30 1.30 0.00
ASTORIA___3 23516	20.23 1.22 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.10 1.49 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.13 1.52 0.00	22.90 1.75 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
ASTORIA___4 23517	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
ASTORIA___5 23518	20.23 1.22 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.10 1.49 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.13 1.52 0.00	22.90 1.75 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
AST_ENERGY_2_CC3 323677	17.70 1.08 2.38	17.70 0.92 0.96	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.70 0.77 0.19	17.70 1.03 3.54	18.83 1.24 3.36	18.83 1.43 4.21	18.70 1.24 2.48	21.17 1.41 0.92	21.17 1.44 0.88	21.17 1.65 1.63	21.17 1.77 2.12	21.17 1.84 2.34	24.03 1.86 0.02	24.90 2.31 2.23	24.90 2.56 5.82	24.90 2.79 7.21	21.30 2.69 10.91	21.30 2.35 10.07	21.30 1.88 6.35	21.30 1.39 3.18	20.17 1.11 1.94
AST_ENERGY_2_CC4 323678	17.70 1.08 2.38	17.70 0.92 0.96	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.70 0.77 0.19	17.70 1.03 3.54	18.83 1.24 3.36	18.83 1.43 4.21	18.70 1.24 2.48	21.17 1.41 0.92	21.17 1.44 0.88	21.17 1.65 1.63	21.17 1.77 2.12	21.17 1.84 2.34	24.03 1.86 0.02	24.90 2.31 2.23	24.90 2.56 5.82	24.90 2.79 7.21	21.30 2.69 10.91	21.30 2.35 10.07	21.30 1.88 6.35	21.30 1.39 3.18	20.17 1.11 1.94

ATHENS_STG_1 23668	19.53 0.53 0.00	18.25 0.51 0.00	16.55 0.40 0.00	16.00 0.40 0.00	15.92 0.39 0.00	17.55 0.43 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.26 0.65 0.00	20.48 0.54 0.00	21.30 0.62 0.00	21.22 0.62 0.00	21.87 0.72 0.00	22.32 0.80 0.00	22.47 0.80 0.00	23.01 0.82 0.00	25.88 1.07 0.00	29.37 1.21 0.00	30.73 1.41 0.00	30.88 1.36 0.00	30.21 1.19 0.00	26.73 0.95 0.00	23.76 0.67 0.00	21.50 0.50 0.00
ATHENS_STG_2 23670	19.53 0.53 0.00	18.25 0.51 0.00	16.55 0.40 0.00	16.00 0.40 0.00	15.92 0.39 0.00	17.55 0.43 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.26 0.65 0.00	20.48 0.54 0.00	21.30 0.62 0.00	21.22 0.62 0.00	21.87 0.72 0.00	22.32 0.80 0.00	22.47 0.80 0.00	23.01 0.82 0.00	25.88 1.07 0.00	29.37 1.21 0.00	30.73 1.41 0.00	30.88 1.36 0.00	30.21 1.19 0.00	26.73 0.95 0.00	23.76 0.67 0.00	21.50 0.50 0.00
ATHENS_STG_3 23677	19.53 0.53 0.00	18.25 0.51 0.00	16.55 0.40 0.00	16.00 0.40 0.00	15.92 0.39 0.00	17.55 0.43 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.26 0.65 0.00	20.48 0.54 0.00	21.30 0.62 0.00	21.22 0.62 0.00	21.87 0.72 0.00	22.32 0.80 0.00	22.47 0.80 0.00	23.01 0.82 0.00	25.88 1.07 0.00	29.37 1.21 0.00	30.73 1.41 0.00	30.88 1.36 0.00	30.21 1.19 0.00	26.73 0.95 0.00	23.76 0.67 0.00	21.50 0.50 0.00
AUBURN___LFGE 323710	19.19 0.19 0.00	17.83 0.09 0.00	16.21 0.06 0.00	15.64 0.05 0.00	15.60 0.06 0.00	17.32 0.21 0.00	20.45 0.24 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.81 0.21 0.00	21.34 0.19 0.00	21.65 0.13 0.00	21.82 0.15 0.00	22.34 0.13 -0.02	25.37 0.20 -0.36	29.13 0.17 -0.80	30.58 0.29 -0.96	30.87 0.35 -0.99	30.20 0.26 -0.91	26.57 0.31 -0.49	23.37 0.28 0.00	21.25 0.25 0.00
BABYLON_RES_REC 323704	20.94 1.69 -0.25	19.54 1.49 -0.31	17.53 1.02 -0.36	16.60 0.92 -0.09	16.54 0.92 -0.09	18.31 1.10 -0.10	21.56 1.35 0.00	22.59 1.64 0.00	23.52 1.90 0.00	21.62 1.68 0.00	22.59 1.90 0.00	28.27 1.94 -5.73	28.13 2.16 -4.83	29.14 2.24 -5.38	32.09 2.27 -8.14	37.62 2.37 -13.06	39.82 2.93 -12.08	47.99 3.29 -16.54	52.16 3.55 -19.29	39.46 3.48 -6.45	45.58 3.07 -13.48	38.23 2.58 -9.88	25.22 2.12 0.00	23.27 1.78 -0.48
BABYLON__69_KV_BK2 356345	21.55 1.94 -0.61	20.27 1.70 -0.83	18.62 1.45 -1.02	16.97 1.12 -0.26	16.88 1.07 -0.27	18.61 1.25 -0.24	21.83 1.62 -0.01	22.84 1.89 0.00	23.83 2.20 -0.01	21.89 1.93 -0.01	22.86 2.17 0.00	28.69 2.35 -5.74	28.44 2.45 -4.84	29.55 2.52 -5.51	32.42 2.60 -8.15	37.97 2.73 -13.06	40.55 3.33 -12.41	48.45 3.74 -16.55	55.51 3.96 -22.23	40.06 3.90 -6.64	46.05 3.54 -13.49	38.65 2.99 -9.89	25.54 2.45 0.00	24.04 2.02 -1.02
BALL_HILL_WT_PWR 323825	19.19 0.19 0.00	17.70 -0.04 0.00	16.23 0.08 0.00	15.67 0.08 0.00	15.63 0.09 0.00	17.39 0.27 0.00	20.37 0.16 0.00	21.00 0.04 0.00	21.79 0.17 0.00	20.32 0.38 0.00	20.99 0.31 0.00	20.98 0.37 0.00	21.44 0.30 0.00	21.68 0.15 0.00	21.84 0.17 0.00	22.34 0.16 0.00	24.97 0.15 0.00	27.85 -0.31 0.00	29.20 -0.12 0.00	29.52 0.00 0.00	28.70 -0.32 0.00	25.93 0.16 0.00	23.32 0.23 0.00	21.30 0.29 0.00
BARON_WINDS___WT_PWR 323822	19.19 0.19 0.00	17.74 0.00 0.00	16.21 0.06 0.00	15.66 0.06 0.00	15.63 0.09 0.00	17.37 0.26 0.00	20.45 0.24 0.00	21.12 0.17 0.00	21.83 0.22 0.00	20.28 0.34 0.00	20.97 0.29 0.00	20.93 0.33 0.00	21.44 0.30 0.00	21.72 0.19 0.00	21.87 0.19 0.00	22.38 0.20 0.00	25.09 0.27 0.00	28.21 0.06 0.00	29.55 0.23 0.00	29.88 0.36 0.00	29.14 0.12 0.00	26.16 0.39 0.00	23.44 0.35 0.00	21.34 0.33 0.00
BARRETT_IC_1 23704	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_10 23701	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_11 23702	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_12 23703	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_2 23705	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_3 23706	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_4 23707	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11

BARRETT_IC_5 23708	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_6 23709	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_7 23710	20.47 1.48 0.01	19.05 1.31 0.01	17.25 1.11 0.01	16.40 0.81 0.00	16.30 0.76 0.00	18.02 0.91 0.00	21.34 1.13 0.00	22.34 1.38 0.00	23.26 1.64 0.00	21.32 1.38 0.00	22.13 1.45 0.00	28.00 1.67 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.70 1.89 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.89 1.80 0.00	22.60 1.49 -0.11
BARRETT_IC_8 23711	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT_IC_9 23700	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT___1 23545	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BARRETT___2 23546	20.48 1.48 0.00	19.05 1.31 0.01	16.99 0.86 0.01	16.37 0.78 0.00	16.30 0.76 0.00	18.04 0.92 0.00	21.32 1.11 0.00	22.34 1.38 0.00	23.21 1.60 0.00	21.32 1.37 0.00	22.19 1.51 0.00	27.86 1.52 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.69 1.88 -8.14	37.17 1.93 -13.06	39.17 2.43 -11.92	47.40 2.70 -16.54	50.23 2.99 -17.92	38.81 2.92 -6.37	45.08 2.58 -13.48	37.79 2.14 -9.88	24.87 1.78 0.00	22.60 1.49 -0.11
BATAVIA__115KV_TB1 55881	19.25 0.25 0.00	17.76 0.02 0.00	16.26 0.11 0.00	15.69 0.09 0.00	15.66 0.12 0.00	17.51 0.39 0.00	20.41 0.20 0.00	21.06 0.10 0.00	21.66 0.04 0.00	20.30 0.36 0.00	20.93 0.25 0.00	20.85 0.25 0.00	21.27 0.13 0.00	21.50 -0.02 0.00	21.70 0.02 0.00	22.23 0.04 0.00	24.84 0.02 0.00	27.79 -0.37 0.00	29.17 -0.15 0.00	29.49 -0.03 0.00	28.76 -0.26 0.00	26.00 0.23 0.00	23.42 0.32 0.00	21.27 0.27 0.00
BAYONEEC___CTG1 323682	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG10 323750	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG2 323683	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG3 323684	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG4 323685	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG5 323686	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG6 323687	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00

BAYONEEC___CTG7 323688	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG8 323689	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BAYONEEC___CTG9 323749	20.12 1.12 0.00	18.70 0.96 0.00	16.89 0.74 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.09 1.48 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.13 1.13 0.00
BEACON___LESR 323632	19.63 0.63 0.00	18.57 0.83 0.00	16.85 0.71 0.00	16.29 0.70 0.00	16.20 0.67 0.00	17.75 0.63 0.00	20.93 0.73 0.00	21.61 0.65 0.00	22.26 0.65 0.00	20.42 0.48 0.00	21.24 0.56 0.00	21.10 0.49 0.00	21.76 0.61 0.00	22.19 0.67 0.00	22.34 0.67 0.00	22.92 0.73 0.00	25.69 0.87 0.00	29.31 1.15 0.00	30.82 1.49 0.00	31.00 1.48 0.00	30.36 1.34 0.00	26.83 1.06 0.00	23.97 0.88 0.00	21.63 0.63 0.00
BEAVER RIVER___HYD 24048	19.23 0.23 0.00	17.95 0.21 0.00	16.42 0.27 0.00	15.86 0.26 0.00	15.81 0.28 0.00	17.44 0.32 0.00	20.69 0.48 0.00	21.44 0.48 0.00	21.98 0.37 0.00	20.30 0.36 0.00	20.95 0.27 0.00	20.89 0.29 0.00	21.40 0.25 0.00	21.72 0.19 0.00	21.76 0.09 0.00	22.24 0.04 -0.01	25.01 -0.02 -0.21	28.69 0.06 -0.48	30.13 0.23 -0.57	30.53 0.41 -0.59	30.03 0.46 -0.54	26.55 0.49 -0.29	23.55 0.46 0.00	21.34 0.33 0.00
BEEBEE_GT_13 23619	19.02 0.02 0.00	17.60 -0.14 0.00	16.08 -0.06 0.00	15.51 -0.08 0.00	15.47 -0.06 0.00	17.24 0.12 0.00	20.19 -0.02 0.00	20.87 -0.08 0.00	21.48 -0.13 0.00	20.08 0.14 0.00	20.73 0.04 0.00	20.67 0.06 0.00	21.11 -0.04 0.00	21.37 -0.15 0.00	21.54 -0.13 0.00	22.10 -0.09 0.00	24.69 -0.12 0.00	27.79 -0.37 0.00	29.03 -0.29 0.00	29.29 -0.24 0.00	28.64 -0.38 0.00	25.72 -0.05 0.00	23.12 0.02 0.00	21.02 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.40 1.39 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.96 0.84 0.00	21.34 1.13 0.00	22.36 1.40 0.00	23.26 1.64 0.00	21.36 1.42 0.00	22.30 1.61 0.00	22.44 1.83 0.00	23.07 1.92 0.00	23.57 2.04 0.00	23.85 2.17 -0.01	24.36 2.17 0.00	27.53 2.71 -0.01	31.23 3.07 -0.01	32.64 3.31 -0.01	32.71 3.19 0.00	31.84 2.82 0.00	27.96 2.19 0.00	24.78 1.69 0.00	22.43 1.43 0.00
BETHLEHEM___GRP 23843	19.34 0.34 0.00	18.36 0.62 0.00	16.73 0.58 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.51 0.39 0.00	20.65 0.44 0.00	21.29 0.34 0.00	21.96 0.35 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.49 0.34 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
BETHLEHEM___GS1 323560	19.34 0.34 0.00	18.36 0.62 0.00	16.68 0.53 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.53 0.41 0.00	20.65 0.44 0.00	21.29 0.33 0.00	21.94 0.32 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.83 0.23 0.00	21.47 0.32 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
BETHLEHEM___GS2 323561	19.34 0.34 0.00	18.36 0.62 0.00	16.68 0.53 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.53 0.41 0.00	20.65 0.44 0.00	21.29 0.33 0.00	21.94 0.32 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.83 0.23 0.00	21.47 0.32 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
BETHLEHEM___GS3 323562	19.34 0.34 0.00	18.36 0.62 0.00	16.68 0.53 0.00	16.12 0.53 0.00	16.03 0.50 0.00	17.53 0.41 0.00	20.65 0.44 0.00	21.29 0.33 0.00	21.94 0.32 0.00	20.14 0.20 0.00	20.95 0.27 0.00	20.83 0.23 0.00	21.47 0.32 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.56 0.38 0.00	25.27 0.45 0.00	28.78 0.62 0.00	30.17 0.85 0.00	30.38 0.86 0.00	29.75 0.73 0.00	26.29 0.52 0.00	23.51 0.42 0.00	21.25 0.25 0.00
BETHLEHEM___STEEL 23779	19.13 0.13 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.58 0.05 0.00	17.43 0.31 0.00	20.27 0.06 0.00	20.85 -0.10 0.00	21.53 -0.09 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.83 0.23 0.00	21.32 0.17 0.00	21.55 0.02 0.00	21.72 0.04 0.00	22.21 0.02 0.00	24.82 0.00 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.53 -0.49 0.00	25.77 0.00 0.00	23.21 0.12 0.00	21.21 0.21 0.00
BETHLHEM_115KV_TB1 79974	19.36 0.36 0.00	18.34 0.60 0.00	16.71 0.57 0.00	16.09 0.50 0.00	16.02 0.48 0.00	17.51 0.39 0.00	20.65 0.44 0.00	21.31 0.36 0.00	21.98 0.37 0.00	20.18 0.24 0.00	20.99 0.31 0.00	20.96 0.35 0.00	21.53 0.38 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.61 0.42 0.00	25.34 0.52 0.00	28.83 0.68 0.00	30.23 0.91 0.00	30.41 0.89 0.00	29.78 0.75 0.00	26.34 0.57 0.00	23.55 0.46 0.00	21.30 0.29 0.00
BETHPAGE_CC_5 323564	20.67 1.60 -0.07	19.19 1.40 -0.05	17.15 0.95 -0.05	16.45 0.86 0.00	16.39 0.85 0.00	18.15 1.01 -0.03	21.44 1.23 0.00	22.47 1.51 0.00	23.41 1.79 0.00	21.52 1.58 0.00	22.50 1.82 0.00	28.17 1.83 -5.73	28.02 2.05 -4.82	28.99 2.15 -5.32	31.96 2.15 -8.14	37.44 2.20 -13.06	39.40 2.66 -11.92	47.68 2.98 -16.54	50.47 3.23 -17.92	39.05 3.16 -6.37	45.29 2.79 -13.48	37.94 2.29 -9.88	25.08 1.99 0.00	22.95 1.72 -0.22
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.19 0.19 0.00	17.69 -0.05 0.00	16.23 0.08 0.00	15.65 0.06 0.00	15.63 0.09 0.00	17.48 0.36 0.00	20.35 0.14 0.00	20.94 -0.02 0.00	21.59 -0.02 0.00	20.28 0.34 0.00	20.97 0.29 0.00	20.89 0.29 0.00	21.38 0.23 0.00	21.63 0.11 0.00	21.80 0.13 0.00	22.30 0.11 0.00	24.92 0.10 0.00	27.79 -0.37 0.00	29.15 -0.18 0.00	29.46 -0.06 0.00	28.64 -0.38 0.00	25.85 0.08 0.00	23.28 0.18 0.00	21.27 0.27 0.00

BINGHAMTON___COGEN 23790	19.27 0.27 0.00	17.92 0.18 0.00	16.32 0.18 0.00	15.73 0.14 0.00	15.69 0.16 0.00	17.39 0.27 0.00	20.51 0.30 0.00	21.27 0.31 0.00	21.92 0.30 0.00	20.28 0.34 0.00	21.04 0.35 0.00	20.98 0.37 0.00	21.51 0.36 0.00	21.85 0.32 0.00	22.00 0.33 0.00	22.53 0.33 -0.01	25.40 0.42 -0.16	28.88 0.37 -0.36	30.25 0.50 -0.43	30.53 0.56 -0.44	29.84 0.41 -0.41	26.43 0.44 -0.22	23.44 0.35 0.00	21.32 0.32 0.00
BIXINCNT_115KV_LOAD 355685	19.21 0.21 0.00	17.72 -0.02 0.00	16.27 0.13 0.00	15.72 0.12 0.00	15.69 0.16 0.00	17.58 0.46 0.00	20.51 0.30 0.00	21.12 0.17 0.00	21.76 0.15 0.00	20.42 0.48 0.00	21.12 0.43 0.00	21.06 0.45 0.00	21.55 0.40 0.00	21.81 0.28 0.00	22.00 0.33 0.00	22.47 0.29 0.00	25.14 0.32 0.00	28.02 -0.14 0.00	29.38 0.06 0.00	29.70 0.18 0.00	28.91 -0.12 0.00	26.03 0.26 0.00	23.42 0.32 0.00	21.40 0.40 0.00
BLACK RIVER___HYD 24047	19.29 0.29 0.00	17.99 0.25 0.00	16.42 0.27 0.00	15.86 0.26 0.00	15.81 0.28 0.00	17.53 0.41 0.00	20.79 0.59 0.00	21.52 0.57 0.00	22.05 0.43 0.00	20.36 0.42 0.00	20.99 0.31 0.00	20.93 0.33 0.00	21.42 0.27 0.00	21.72 0.19 0.00	21.74 0.07 0.00	22.27 0.07 -0.02	25.16 -0.02 -0.36	29.03 0.06 -0.82	30.63 0.32 -0.98	31.13 0.59 -1.01	30.59 0.64 -0.93	26.89 0.62 -0.50	23.65 0.55 0.00	21.42 0.42 0.00
BLACKRVR_115KV_TB2 79977	19.29 0.29 0.00	17.99 0.25 0.00	16.37 0.23 0.00	15.86 0.27 0.00	15.81 0.28 0.00	17.54 0.43 0.00	20.79 0.59 0.00	21.52 0.57 0.00	22.05 0.43 0.00	20.36 0.42 0.00	20.99 0.31 0.00	20.89 0.29 0.00	21.42 0.27 0.00	21.72 0.19 0.00	21.74 0.07 0.00	22.27 0.07 -0.02	25.16 -0.02 -0.36	29.03 0.06 -0.82	30.62 0.32 -0.98	31.13 0.59 -1.01	30.59 0.64 -0.93	26.89 0.62 -0.50	23.65 0.55 0.00	21.42 0.42 0.00
BLISS_WT_PWR 323608	19.19 0.19 0.00	17.69 -0.05 0.00	16.24 0.10 0.00	15.72 0.12 0.00	15.67 0.14 0.00	17.46 0.34 0.00	20.49 0.28 0.00	21.12 0.17 0.00	21.87 0.26 0.00	20.40 0.46 0.00	21.10 0.41 0.00	21.06 0.45 0.00	21.55 0.40 0.00	21.80 0.28 0.00	22.00 0.33 0.00	22.47 0.29 0.00	25.12 0.30 0.00	27.99 -0.17 0.00	29.38 0.06 0.00	29.67 0.15 0.00	28.88 -0.14 0.00	26.03 0.26 0.00	23.39 0.30 0.00	21.38 0.38 0.00
BLUESTONE___WT_PWR 323821	20.10 1.10 0.00	18.71 0.97 0.00	17.00 0.86 0.00	16.42 0.83 0.00	16.34 0.81 0.00	18.21 1.10 0.00	21.58 1.37 0.00	22.40 1.44 0.00	23.00 1.38 0.00	21.24 1.30 0.00	21.97 1.28 0.00	21.92 1.32 0.00	22.48 1.33 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.55 1.35 -0.01	26.52 1.56 -0.14	30.27 1.80 -0.31	31.81 2.11 -0.37	32.09 2.18 -0.38	31.44 2.06 -0.35	27.84 1.88 -0.19	24.64 1.55 0.00	22.30 1.30 0.00
BLUE_CIRC_CHEM_DRP 24182	19.51 0.51 0.00	18.38 0.64 0.00	16.73 0.58 0.00	16.14 0.55 0.00	16.05 0.51 0.00	17.61 0.50 0.00	20.77 0.57 0.00	21.44 0.48 0.00	22.09 0.48 0.00	20.26 0.32 0.00	21.04 0.35 0.00	20.98 0.37 0.00	21.53 0.38 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.63 0.44 0.00	25.41 0.60 0.00	28.95 0.79 0.00	30.38 1.06 0.00	30.59 1.06 0.00	30.01 0.99 0.00	26.55 0.77 0.00	23.74 0.65 0.00	21.48 0.48 0.00
BOC_GAS_DRP 24189	19.38 0.38 0.00	18.18 0.44 0.00	16.55 0.40 0.00	15.95 0.36 0.00	15.88 0.34 0.00	17.44 0.33 0.00	20.59 0.38 0.00	21.35 0.40 0.00	22.05 0.43 0.00	20.28 0.34 0.00	21.08 0.39 0.00	21.06 0.45 0.00	21.61 0.47 0.00	22.04 0.52 0.00	22.19 0.52 0.00	22.72 0.53 0.00	25.49 0.67 0.00	28.95 0.79 0.00	30.29 0.97 0.00	30.47 0.94 0.00	29.83 0.81 0.00	26.42 0.64 0.00	23.58 0.48 0.00	21.34 0.34 0.00
BOONVILLE_115KV_TB1 79983	19.48 0.48 0.00	18.16 0.43 0.00	16.53 0.39 0.00	15.98 0.39 0.00	15.92 0.39 0.00	17.63 0.51 0.00	20.85 0.65 0.00	21.63 0.67 0.00	22.22 0.61 0.00	20.52 0.58 0.00	21.22 0.54 0.00	21.18 0.58 0.00	21.72 0.57 0.00	22.06 0.54 0.00	22.17 0.50 0.00	22.70 0.51 -0.01	25.48 0.57 -0.09	29.08 0.70 -0.21	30.49 0.91 -0.26	30.76 0.97 -0.26	30.19 0.93 -0.24	26.75 0.85 -0.13	23.81 0.72 0.00	21.59 0.59 0.00
BORALEX_4TH_BRANCH 23824	19.99 0.99 0.00	18.73 0.99 0.00	17.08 0.94 0.00	16.45 0.86 0.00	16.40 0.87 0.00	17.96 0.84 0.00	21.20 0.99 0.00	22.11 1.15 0.00	22.74 1.12 0.00	20.82 0.88 0.00	21.66 0.97 0.00	21.59 0.99 0.00	22.18 1.04 0.00	22.66 1.14 0.00	22.71 1.04 0.00	23.27 1.09 0.00	26.21 1.39 0.00	29.90 1.75 0.00	31.46 2.14 0.00	31.68 2.16 0.00	31.00 1.97 0.00	27.40 1.62 0.00	24.39 1.29 0.00	21.99 0.99 0.00
BOWLINE___1 23526	19.91 0.91 0.00	18.54 0.80 0.00	16.76 0.61 0.00	16.17 0.58 0.00	16.09 0.56 0.00	17.78 0.67 0.00	21.06 0.85 0.00	21.98 1.03 0.00	22.76 1.14 0.00	20.94 1.00 0.00	21.82 1.14 0.00	21.76 1.15 0.00	22.48 1.33 0.00	22.97 1.44 0.00	23.17 1.49 0.00	23.69 1.51 0.00	26.73 1.91 0.00	30.30 2.14 0.00	31.67 2.35 0.00	31.80 2.27 0.00	31.02 2.00 0.00	27.40 1.62 0.00	24.27 1.18 0.00	21.92 0.92 0.00
BOWLINE___2 23595	19.91 0.91 0.00	18.54 0.80 0.00	16.76 0.61 0.00	16.17 0.58 0.00	16.09 0.56 0.00	17.78 0.67 0.00	21.06 0.85 0.00	21.98 1.03 0.00	22.76 1.14 0.00	20.94 1.00 0.00	21.82 1.14 0.00	21.76 1.15 0.00	22.48 1.33 0.00	22.97 1.44 0.00	23.17 1.49 0.00	23.69 1.51 0.00	26.73 1.91 0.00	30.30 2.14 0.00	31.67 2.35 0.00	31.80 2.27 0.00	31.02 2.00 0.00	27.40 1.62 0.00	24.27 1.18 0.00	21.92 0.92 0.00
BRADY___115KV_TB2 356060	18.62 -0.38 0.00	17.44 -0.30 0.00	15.93 -0.21 0.00	15.64 0.05 0.00	15.60 0.06 0.00	16.93 -0.19 0.00	20.04 -0.16 0.00	20.79 -0.17 0.00	21.33 -0.28 0.00	19.70 -0.24 0.00	20.35 -0.33 0.00	20.25 -0.35 0.00	20.81 -0.34 0.00	21.16 -0.37 0.00	21.22 -0.46 0.00	21.68 -0.51 0.00	24.05 -0.77 0.00	27.34 -0.82 0.00	28.29 -1.03 0.00	28.58 -0.94 0.00	28.38 -0.64 0.00	25.31 -0.46 0.00	22.84 -0.25 0.00	20.71 -0.29 0.00
BRANSCOMB___SOLAR 323811	20.03 1.03 0.00	18.75 1.01 0.00	16.98 0.84 0.00	16.43 0.84 0.00	16.36 0.82 0.00	18.02 0.91 0.00	21.26 1.05 0.00	22.00 1.05 0.00	22.69 1.08 0.00	20.80 0.86 0.00	21.66 0.97 0.00	21.49 0.89 0.00	22.12 0.97 0.00	22.58 1.05 0.00	22.69 1.02 0.00	23.27 1.09 0.00	26.18 1.36 0.00	29.79 1.63 0.00	31.37 2.05 0.00	31.50 1.98 0.00	31.00 1.97 0.00	27.42 1.65 0.00	24.48 1.39 0.00	22.09 1.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.25 1.82 -0.42	19.90 1.60 -0.56	18.21 1.36 -0.71	16.79 1.03 -0.17	16.71 0.99 -0.19	18.45 1.16 -0.17	21.77 1.56 -0.01	22.78 1.82 0.00	23.74 2.12 -0.01	21.79 1.83 -0.01	22.75 2.07 0.00	28.57 2.23 -5.74	28.28 2.31 -4.83	29.33 2.37 -5.44	32.25 2.43 -8.15	37.84 2.60 -13.06	40.21 3.15 -12.24	48.23 3.52 -16.55	53.70 3.64 -20.74	39.64 3.57 -6.55	45.82 3.31 -13.49	38.47 2.81 -9.88	25.42 2.33 0.00	23.66 1.91 -0.75

BRISTLHL_115KV_TB1 79998	18.91 -0.10 0.00	17.60 -0.14 0.00	16.00 -0.15 0.00	15.44 -0.16 0.00	15.40 -0.14 0.00	17.05 -0.07 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.40 -0.22 0.00	19.82 -0.12 0.00	20.52 -0.17 0.00	20.38 -0.23 0.00	20.89 -0.25 0.00	21.22 -0.30 0.00	21.37 -0.30 0.00	21.92 -0.31 -0.05	25.30 -0.32 -0.81	29.58 -0.39 -1.82	31.18 -0.32 -2.18	31.51 -0.27 -2.25	30.78 -0.32 -2.07	26.62 -0.26 -1.11	22.88 -0.21 0.00	20.92 -0.08 0.00
BROOKHAVEN___DRP 24191	25.24 1.73 -4.51	25.78 1.53 -6.52	25.42 1.31 -7.97	18.69 0.98 -2.12	18.65 0.95 -2.17	20.04 1.10 -1.83	21.79 1.50 -0.09	22.67 1.72 0.00	23.75 2.03 -0.11	21.80 1.75 -0.11	22.65 1.96 0.00	28.57 2.12 -5.84	28.30 2.22 -4.94	30.65 2.24 -6.88	32.22 2.30 -8.25	37.71 2.46 -13.06	43.73 3.00 -15.91	48.18 3.38 -16.65	86.30 3.58 -53.40	41.65 3.51 -8.61	45.77 3.16 -13.58	38.44 2.68 -9.98	25.31 2.22 0.00	29.60 1.79 -6.81
BROOKLYN_NAVY_YARD 23515	20.08 1.08 0.00	18.66 0.92 0.00	16.84 0.69 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.89 0.77 0.00	21.24 1.03 0.00	22.21 1.26 0.00	23.06 1.45 0.00	21.20 1.26 0.00	22.09 1.41 0.00	22.05 1.44 0.00	22.82 1.67 0.00	23.29 1.77 0.00	23.51 1.84 0.00	24.05 1.86 0.00	27.15 2.33 0.00	30.75 2.59 0.00	32.14 2.82 0.00	32.24 2.71 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.11 1.11 0.00
BROOKLYN___ARMY_DRP 323595	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
BROOKVLE_69_KV_TB1 55790	20.53 1.50 -0.03	19.09 1.33 -0.02	17.29 1.13 -0.02	16.48 0.89 0.00	16.39 0.85 0.00	18.12 0.99 -0.01	21.46 1.25 0.00	22.44 1.49 0.00	23.39 1.77 0.00	21.48 1.54 0.00	22.44 1.76 0.00	28.29 1.96 -5.73	28.00 2.03 -4.82	28.98 2.15 -5.30	32.02 2.21 -8.14	37.51 2.26 -13.06	39.42 2.68 -11.92	47.71 3.01 -16.54	50.50 3.25 -17.92	39.08 3.19 -6.37	45.40 2.90 -13.48	38.05 2.40 -9.88	24.96 1.87 0.00	22.72 1.55 -0.16
BROOME_2_LFGE 323671	19.27 0.27 0.00	17.92 0.18 0.00	16.29 0.14 0.00	15.73 0.14 0.00	15.69 0.16 0.00	17.37 0.26 0.00	20.51 0.30 0.00	21.27 0.31 0.00	21.94 0.32 0.00	20.28 0.34 0.00	21.01 0.33 0.00	20.95 0.35 0.00	21.51 0.36 0.00	21.85 0.32 0.00	22.00 0.33 0.00	22.53 0.33 -0.01	25.40 0.42 -0.16	28.88 0.37 -0.36	30.25 0.50 -0.43	30.53 0.56 -0.44	29.84 0.41 -0.41	26.43 0.44 -0.22	23.44 0.35 0.00	21.32 0.32 0.00
BROOME___LFGE 323600	19.27 0.27 0.00	17.92 0.18 0.00	16.29 0.14 0.00	15.73 0.14 0.00	15.69 0.16 0.00	17.37 0.26 0.00	20.51 0.30 0.00	21.27 0.31 0.00	21.94 0.32 0.00	20.28 0.34 0.00	21.01 0.33 0.00	20.95 0.35 0.00	21.51 0.36 0.00	21.85 0.32 0.00	22.00 0.33 0.00	22.53 0.33 -0.01	25.40 0.42 -0.16	28.88 0.37 -0.36	30.25 0.50 -0.43	30.53 0.56 -0.44	29.84 0.41 -0.41	26.43 0.44 -0.22	23.44 0.35 0.00	21.32 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	18.89 -0.11 0.00	17.65 -0.09 0.00	16.10 -0.05 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.15 0.03 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.35 -0.01	24.42 -0.55 -0.14	27.95 -0.53 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.14 0.05 0.00	20.98 -0.02 0.00
BROWNSV1_27_KV_LOAD 356125	20.27 1.27 0.00	18.84 1.10 0.00	17.05 0.90 0.00	16.40 0.81 0.00	16.33 0.79 0.00	18.02 0.91 0.00	21.42 1.21 0.00	22.42 1.47 0.00	23.30 1.69 0.00	21.40 1.46 0.00	22.32 1.63 0.00	22.42 1.81 0.00	23.03 1.88 0.00	23.53 2.00 0.00	23.75 2.08 0.00	24.29 2.11 0.00	27.40 2.58 0.00	31.06 2.90 0.00	32.46 3.14 0.00	32.56 3.04 0.00	31.72 2.70 0.00	27.94 2.16 0.00	24.73 1.64 0.00	22.32 1.32 0.00
BURROWS___LYONSDAL 23803	19.42 0.42 0.00	18.13 0.39 0.00	16.50 0.36 0.00	15.95 0.36 0.00	15.89 0.36 0.00	17.60 0.48 0.00	20.83 0.63 0.00	21.61 0.65 0.00	22.18 0.56 0.00	20.48 0.54 0.00	21.18 0.50 0.00	21.12 0.52 0.00	21.66 0.51 0.00	22.00 0.47 0.00	22.08 0.41 0.00	22.61 0.42 -0.01	25.38 0.45 -0.12	29.01 0.59 -0.27	30.40 0.76 -0.32	30.71 0.86 -0.33	30.17 0.84 -0.30	26.73 0.80 -0.16	23.76 0.67 0.00	21.53 0.53 0.00
CAITHNESS_CC_1 323624	25.24 1.71 -4.52	25.79 1.51 -6.54	25.16 1.03 -7.98	18.66 0.94 -2.13	18.64 0.93 -2.17	20.06 1.11 -1.83	21.75 1.46 -0.09	22.67 1.72 0.00	23.71 1.99 -0.11	21.80 1.76 -0.11	22.59 1.90 0.00	28.42 1.98 -5.84	28.28 2.20 -4.94	30.65 2.24 -6.88	32.22 2.30 -8.25	37.68 2.44 -13.06	43.71 2.98 -15.91	48.12 3.32 -16.65	86.29 3.52 -53.45	41.62 3.48 -8.61	45.74 3.14 -13.58	38.39 2.63 -9.98	25.29 2.19 0.00	29.61 1.78 -6.82
CALPINE BETH_PAGE_GT4 24209	20.72 1.65 -0.07	19.24 1.45 -0.04	17.43 1.24 -0.04	16.53 0.94 0.00	16.40 0.87 0.00	18.17 1.03 -0.03	21.48 1.27 0.00	22.49 1.53 0.00	23.45 1.84 0.00	21.54 1.60 0.00	22.46 1.78 0.00	28.33 2.00 -5.73	28.04 2.07 -4.82	29.01 2.17 -5.32	31.98 2.17 -8.14	37.44 2.20 -13.06	39.37 2.63 -11.92	47.68 2.98 -16.54	50.44 3.20 -17.92	39.02 3.13 -6.37	45.29 2.79 -13.48	37.94 2.29 -9.88	25.10 2.01 0.00	22.92 1.70 -0.22
CALPINE_BETH_PAGE_GT_4 323586	20.69 1.61 -0.07	19.20 1.42 -0.04	17.16 0.97 -0.04	16.47 0.87 0.00	16.40 0.87 0.00	18.19 1.04 -0.03	21.46 1.25 0.00	22.49 1.53 0.00	23.43 1.82 0.00	21.54 1.60 0.00	22.52 1.84 0.00	28.19 1.86 -5.73	28.04 2.07 -4.82	29.01 2.17 -5.32	31.98 2.17 -8.14	37.44 2.20 -13.06	39.37 2.63 -11.92	47.68 2.98 -16.54	50.44 3.20 -17.92	39.02 3.13 -6.37	45.29 2.79 -13.48	37.94 2.29 -9.88	25.08 1.99 0.00	22.92 1.70 -0.22
CALPINE_BP_GT1 23823	20.69 1.61 -0.07	19.20 1.42 -0.04	17.16 0.97 -0.04	16.47 0.87 0.00	16.40 0.87 0.00	18.19 1.04 -0.03	21.46 1.25 0.00	22.49 1.53 0.00	23.43 1.82 0.00	21.54 1.60 0.00	22.52 1.84 0.00	28.19 1.86 -5.73	28.04 2.07 -4.82	29.01 2.17 -5.32	31.98 2.17 -8.14	37.44 2.20 -13.06	39.37 2.63 -11.92	47.68 2.98 -16.54	50.44 3.20 -17.92	39.02 3.13 -6.37	45.29 2.79 -13.48	37.94 2.29 -9.88	25.08 1.99 0.00	22.92 1.70 -0.22
CALSPAN___DRP 24200	19.13 0.13 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.58 0.05 0.00	17.43 0.31 0.00	20.27 0.06 0.00	20.85 -0.10 0.00	21.53 -0.09 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.83 0.23 0.00	21.32 0.17 0.00	21.55 0.02 0.00	21.72 0.04 0.00	22.21 0.02 0.00	24.82 0.00 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.53 -0.49 0.00	25.77 0.00 0.00	23.21 0.12 0.00	21.21 0.21 0.00

CALVERTON___SOLAR 323806	25.27 1.75 -4.52	25.82 1.54 -6.54	25.20 1.08 -7.97	18.69 0.97 -2.13	18.67 0.96 -2.17	20.09 1.15 -1.83	21.81 1.52 -0.09	22.69 1.74 0.00	23.75 2.03 -0.11	21.85 1.80 -0.11	22.63 1.94 0.00	28.49 2.04 -5.84	28.35 2.26 -4.94	30.71 2.30 -6.88	32.29 2.36 -8.25	37.77 2.53 -13.06	43.83 3.10 -15.91	48.27 3.46 -16.65	86.42 3.69 -53.41	41.79 3.66 -8.61	45.86 3.25 -13.58	38.51 2.76 -9.98	25.36 2.26 0.00	29.64 1.83 -6.82
CANDIGU_WT_PWR 323617	19.19 0.19 0.00	17.74 0.00 0.00	16.21 0.06 0.00	15.66 0.06 0.00	15.63 0.09 0.00	17.37 0.26 0.00	20.45 0.24 0.00	21.12 0.17 0.00	21.83 0.22 0.00	20.28 0.34 0.00	20.97 0.29 0.00	20.93 0.33 0.00	21.44 0.30 0.00	21.72 0.19 0.00	21.87 0.19 0.00	22.38 0.20 0.00	25.09 0.27 0.00	28.21 0.06 0.00	29.55 0.23 0.00	29.88 0.36 0.00	29.14 0.12 0.00	26.16 0.39 0.00	23.44 0.35 0.00	21.34 0.33 0.00
CARR STREET_E_SYR 24060	18.96 -0.04 0.00	17.65 -0.09 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.44 -0.09 0.00	17.08 -0.03 0.00	20.17 -0.04 0.00	20.87 -0.08 0.00	21.53 -0.09 0.00	19.92 -0.02 0.00	20.64 -0.04 0.00	20.58 -0.02 0.00	21.04 -0.11 0.00	21.35 -0.17 0.00	21.50 -0.17 0.00	22.02 -0.18 -0.01	24.87 -0.17 -0.22	28.40 -0.25 -0.50	29.75 -0.17 -0.60	30.03 -0.12 -0.62	29.39 -0.20 -0.57	25.95 -0.13 -0.30	22.98 -0.11 0.00	20.98 -0.02 0.00
CARTHAGE___PAPER 23857	19.23 0.23 0.00	17.95 0.21 0.00	16.40 0.26 0.00	15.84 0.25 0.00	15.80 0.26 0.00	17.46 0.34 0.00	20.71 0.51 0.00	21.46 0.50 0.00	21.98 0.37 0.00	20.28 0.34 0.00	20.93 0.25 0.00	20.87 0.27 0.00	21.38 0.23 0.00	21.70 0.17 0.00	21.67 0.00 0.00	22.20 0.00 -0.02	25.02 -0.10 -0.30	28.84 0.00 -0.69	30.38 0.23 -0.82	30.82 0.44 -0.85	30.30 0.49 -0.78	26.70 0.52 -0.42	23.55 0.46 0.00	21.32 0.32 0.00
CASSADAGA_WT_PWR 323784	19.55 0.55 0.00	18.06 0.32 0.00	16.56 0.42 0.00	16.00 0.40 0.00	15.95 0.42 0.00	17.80 0.69 0.00	20.85 0.65 0.00	21.61 0.65 0.00	22.39 0.78 0.00	20.90 0.96 0.00	21.62 0.93 0.00	21.57 0.97 0.00	22.08 0.93 0.00	22.30 0.77 0.00	22.47 0.80 0.00	22.94 0.75 0.00	25.59 0.77 0.00	28.50 0.34 0.00	29.94 0.62 0.00	30.29 0.77 0.00	29.43 0.41 0.00	26.57 0.80 0.00	23.90 0.81 0.00	21.78 0.78 0.00
CE_DUNWOOD___DRP 24194	20.05 1.05 0.00	18.66 0.92 0.00	16.90 0.76 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.13 1.17 0.00	22.95 1.34 0.00	21.08 1.14 0.00	21.99 1.30 0.00	22.05 1.44 0.00	22.67 1.52 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.93 2.11 0.00	30.55 2.39 0.00	31.90 2.58 0.00	32.03 2.51 0.00	31.26 2.23 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.05 1.05 0.00
CE_MILLWOOD___DRP 24193	20.01 1.01 0.00	18.63 0.89 0.00	16.89 0.74 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.84 0.72 0.00	21.14 0.93 0.00	22.07 1.11 0.00	22.91 1.30 0.00	21.02 1.08 0.00	21.93 1.24 0.00	21.99 1.38 0.00	22.59 1.44 0.00	23.07 1.55 0.00	23.27 1.60 0.00	23.80 1.62 0.00	26.85 2.04 0.00	30.44 2.28 0.00	31.81 2.49 0.00	31.94 2.42 0.00	31.17 2.15 0.00	27.50 1.73 0.00	24.39 1.29 0.00	22.01 1.01 0.00
CE_NYC2_DRP 24202	20.22 1.22 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.19 1.51 0.00	22.29 1.69 0.00	22.92 1.78 0.00	23.42 1.89 0.00	23.65 1.97 -0.01	24.16 1.97 0.00	27.28 2.46 -0.01	30.92 2.76 -0.01	32.29 2.96 -0.01	32.36 2.83 0.00	31.52 2.50 0.00	27.73 1.96 0.00	24.57 1.48 0.00	22.24 1.24 0.00
CE_NYC_DRP 24195	19.95 1.14 0.19	18.66 0.99 0.08	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.91 0.80 0.01	21.02 1.09 0.28	22.01 1.32 0.27	22.81 1.53 0.33	21.06 1.32 0.20	22.08 1.47 0.07	22.18 1.65 0.07	22.75 1.73 0.13	23.21 1.85 0.17	23.41 1.93 0.19	24.12 1.93 0.00	27.02 2.38 0.18	30.37 2.67 0.46	31.62 2.87 0.57	31.43 2.78 0.87	30.66 2.44 0.80	27.23 1.96 0.51	24.32 1.48 0.25	22.02 1.18 0.15
CHAFFEE___LFGE 323603	19.15 0.15 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.34 0.22 0.00	20.29 0.08 0.00	20.91 -0.04 0.00	21.70 0.09 0.00	20.24 0.30 0.00	20.91 0.23 0.00	20.91 0.31 0.00	21.38 0.23 0.00	21.61 0.09 0.00	21.80 0.13 0.00	22.27 0.09 0.00	24.89 0.07 0.00	27.76 -0.39 0.00	29.12 -0.20 0.00	29.44 -0.09 0.00	28.62 -0.41 0.00	25.82 0.05 0.00	23.26 0.16 0.00	21.25 0.25 0.00
CHATEAUG_35_KV_LOAD 355732	18.73 -0.27 0.00	17.60 -0.14 0.00	16.03 -0.11 0.00	15.59 0.00 0.00	15.57 0.03 0.00	17.10 -0.02 0.00	20.29 0.08 0.00	21.08 0.13 0.00	21.70 0.09 0.00	20.12 0.18 0.00	20.64 -0.04 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.46 -0.06 0.00	21.58 -0.09 0.00	22.10 -0.09 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.17 0.15 0.00	25.88 0.10 0.00	23.28 0.18 0.00	21.09 0.08 0.00
CHATEAUG_WT_PWR 323614	18.98 -0.02 0.00	17.86 0.13 0.00	16.34 0.19 0.00	15.83 0.23 0.00	15.78 0.25 0.00	17.36 0.24 0.00	20.67 0.47 0.00	21.48 0.52 0.00	22.13 0.52 0.00	20.60 0.66 0.00	20.89 0.21 0.00	20.73 0.12 0.00	21.32 0.17 0.00	21.72 0.19 0.00	21.84 0.17 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.55 0.03 0.00	29.86 0.84 0.00	26.44 0.67 0.00	23.83 0.74 0.00	21.48 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	18.73 -0.27 0.00	17.60 -0.14 0.00	16.03 -0.11 0.00	15.59 0.00 0.00	15.57 0.03 0.00	17.10 -0.02 0.00	20.29 0.08 0.00	21.08 0.13 0.00	21.70 0.09 0.00	20.12 0.18 0.00	20.64 -0.04 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.46 -0.06 0.00	21.58 -0.09 0.00	22.10 -0.09 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.17 0.15 0.00	25.88 0.10 0.00	23.28 0.18 0.00	21.09 0.08 0.00
CHAUTAUQUA___LFGE 323629	19.38 0.38 0.00	17.88 0.14 0.00	16.40 0.26 0.00	15.84 0.25 0.00	15.80 0.26 0.00	17.60 0.48 0.00	20.61 0.40 0.00	21.29 0.33 0.00	22.09 0.47 0.00	20.62 0.68 0.00	21.30 0.62 0.00	21.28 0.68 0.00	21.76 0.61 0.00	22.00 0.47 0.00	22.17 0.50 0.00	22.65 0.47 0.00	25.29 0.47 0.00	28.21 0.06 0.00	29.58 0.26 0.00	29.94 0.41 0.00	29.11 0.09 0.00	26.26 0.49 0.00	23.62 0.53 0.00	21.55 0.55 0.00
CHERRYST_13_KV_LD 356241	20.01 1.20 0.19	18.69 1.03 0.08	16.98 0.84 0.00	16.36 0.76 0.00	16.28 0.75 0.00	17.96 0.86 0.01	21.08 1.15 0.28	22.07 1.38 0.27	22.90 1.62 0.33	21.14 1.40 0.20	22.18 1.57 0.07	22.29 1.75 0.07	22.84 1.82 0.13	23.29 1.94 0.17	23.50 2.02 0.19	24.20 2.02 0.00	27.12 2.48 0.18	30.48 2.79 0.46	31.74 2.99 0.57	31.52 2.86 0.87	30.74 2.52 0.80	27.30 2.04 0.51	24.36 1.52 0.25	22.06 1.22 0.15

CHESTROR_138KV_BK263 355645	19.78 0.78 0.00	18.41 0.67 0.00	16.73 0.58 0.00	16.09 0.50 0.00	16.03 0.50 0.00	17.66 0.55 0.00	20.93 0.73 0.00	21.82 0.86 0.00	22.61 0.99 0.00	20.76 0.82 0.00	21.64 0.95 0.00	21.68 1.07 0.00	22.27 1.12 0.00	22.73 1.21 0.00	22.93 1.26 0.00	23.45 1.26 0.00	26.43 1.61 0.00	29.99 1.83 0.00	31.34 2.02 0.00	31.50 1.98 0.00	30.76 1.74 0.00	27.19 1.42 0.00	24.11 1.02 0.00	21.80 0.80 0.00
CH_MIDHUDSON___DRP 24192	19.93 0.93 0.00	18.57 0.83 0.00	16.87 0.73 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.80 0.68 0.00	21.08 0.87 0.00	21.96 1.01 0.00	22.78 1.17 0.00	20.90 0.96 0.00	21.78 1.10 0.00	21.82 1.22 0.00	22.42 1.27 0.00	22.90 1.38 0.00	23.08 1.41 0.00	23.61 1.42 0.00	26.63 1.81 0.00	30.21 2.06 0.00	31.64 2.32 0.00	31.80 2.27 0.00	31.05 2.03 0.00	27.40 1.62 0.00	24.29 1.20 0.00	21.95 0.95 0.00
CH_MISC_IPPS 23765	20.05 1.04 0.00	18.64 0.90 0.00	16.87 0.73 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.78 1.17 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.20 0.00	27.55 1.78 0.00	24.41 1.32 0.00	22.05 1.05 0.00
CH_RES_BVR_FALLS 23983	18.73 -0.27 0.00	17.51 -0.23 0.00	16.01 -0.13 0.00	15.47 -0.13 0.00	15.41 -0.12 0.00	16.91 -0.20 0.00	20.00 -0.20 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	19.60 -0.34 0.00	20.31 -0.37 0.00	20.13 -0.47 0.00	20.66 -0.49 0.00	21.05 -0.47 0.00	21.17 -0.50 0.00	21.72 -0.47 0.00	24.42 -0.40 0.00	27.71 -0.45 0.00	28.73 -0.59 0.00	28.96 -0.56 0.00	28.59 -0.43 0.00	25.41 -0.36 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
CH_RES_NIAGARA 23895	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.79 -0.33 0.00	19.50 -0.71 0.00	19.99 -0.96 0.00	20.62 -0.97 0.02	19.38 -0.54 0.02	20.04 -0.62 0.02	19.95 -0.64 0.02	20.39 -0.74 0.02	20.60 -0.90 0.02	20.74 -0.91 0.02	21.26 -0.91 0.02	23.70 -1.12 0.00	26.44 -1.72 0.00	27.68 -1.64 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.66 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
CH_RES_SYRACUSE 23985	19.08 0.08 0.00	17.74 0.00 0.00	16.13 -0.02 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.19 0.07 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.64 0.02 0.00	20.04 0.10 0.00	20.73 0.04 0.00	20.69 0.08 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
CLINTON_WT_PWR 323605	18.98 -0.02 0.00	17.86 0.13 0.00	16.34 0.19 0.00	15.83 0.23 0.00	15.78 0.25 0.00	17.36 0.24 0.00	20.67 0.47 0.00	21.48 0.52 0.00	22.13 0.52 0.00	20.60 0.66 0.00	20.89 0.21 0.00	20.73 0.12 0.00	21.32 0.17 0.00	21.72 0.19 0.00	21.84 0.17 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.55 0.03 0.00	29.86 0.84 0.00	26.44 0.67 0.00	23.83 0.74 0.00	21.48 0.48 0.00
CLINTON___LFGE 323618	19.04 0.04 0.00	17.90 0.16 0.00	16.39 0.24 0.00	15.84 0.25 0.00	15.81 0.28 0.00	17.39 0.27 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.60 0.66 0.00	20.93 0.25 0.00	20.79 0.19 0.00	21.38 0.23 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.43 0.24 0.00	24.97 0.15 0.00	28.38 0.22 0.00	29.35 0.03 0.00	29.67 0.15 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.88 0.79 0.00	21.53 0.53 0.00
COBBLENY_34_KV_TB1 80064	19.15 0.15 0.00	17.65 -0.09 0.00	16.21 0.06 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.44 0.33 0.00	20.31 0.10 0.00	20.91 -0.04 0.00	21.57 -0.04 0.00	20.24 0.30 0.00	20.95 0.27 0.00	20.89 0.29 0.00	21.38 0.23 0.00	21.61 0.09 0.00	21.80 0.13 0.00	22.27 0.09 0.00	24.89 0.07 0.00	27.76 -0.39 0.00	29.12 -0.21 0.00	29.44 -0.09 0.00	28.62 -0.41 0.00	25.82 0.05 0.00	23.25 0.16 0.00	21.25 0.25 0.00
COFFEEN___115KV_TB3 355620	19.42 0.42 0.00	18.11 0.37 0.00	16.48 0.34 0.00	15.95 0.36 0.00	15.91 0.37 0.00	17.66 0.55 0.00	20.93 0.73 0.00	21.67 0.71 0.00	22.18 0.56 0.00	20.48 0.54 0.00	21.10 0.41 0.00	21.02 0.41 0.00	21.55 0.40 0.00	21.83 0.30 0.00	21.82 0.15 0.00	22.36 0.16 -0.02	25.29 0.10 -0.37	29.20 0.20 -0.84	30.89 0.56 -1.01	31.42 0.86 -1.04	30.88 0.90 -0.96	27.13 0.85 -0.51	23.83 0.74 0.00	21.57 0.57 0.00
COLDSPRG_115KV_BK1 355956	19.67 0.67 0.00	18.15 0.41 0.00	16.66 0.52 0.00	16.08 0.48 0.00	16.05 0.51 0.00	18.01 0.89 0.00	21.01 0.81 0.00	21.75 0.80 0.00	22.43 0.82 0.00	21.04 1.10 0.00	21.78 1.10 0.00	21.72 1.11 0.00	22.23 1.08 0.00	22.45 0.93 0.00	22.63 0.95 0.00	23.07 0.89 0.00	25.76 0.94 0.00	28.66 0.51 0.00	30.11 0.79 0.00	30.50 0.97 0.00	29.60 0.58 0.00	26.73 0.95 0.00	24.02 0.92 0.00	21.88 0.88 0.00
COLONIE_LFGE___ 323577	19.78 0.78 0.00	18.56 0.82 0.00	16.82 0.68 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.80 0.69 0.00	20.99 0.79 0.00	21.82 0.86 0.00	22.48 0.87 0.00	20.60 0.66 0.00	21.43 0.74 0.00	21.28 0.68 0.00	21.95 0.80 0.00	22.41 0.88 0.00	22.52 0.84 0.00	23.07 0.89 0.00	25.91 1.09 0.00	29.54 1.38 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.59 1.57 0.00	27.04 1.26 0.00	24.11 1.01 0.00	21.78 0.78 0.00
COOPERNY_115KV_TB1 80082	19.57 0.57 0.00	18.22 0.48 0.00	16.55 0.40 0.00	15.95 0.36 0.00	15.88 0.34 0.00	17.53 0.41 0.00	20.73 0.53 0.00	21.61 0.65 0.00	22.35 0.73 0.00	20.56 0.62 0.00	21.39 0.70 0.00	21.41 0.80 0.00	21.99 0.85 0.00	22.43 0.90 0.00	22.60 0.93 0.00	23.14 0.95 0.00	26.03 1.22 0.00	29.51 1.35 0.00	30.82 1.50 0.00	30.97 1.45 0.00	30.30 1.28 0.00	26.83 1.06 0.00	23.85 0.76 0.00	21.59 0.59 0.00
COPENHAGEN_WT_PWR 323753	19.25 0.25 0.00	17.95 0.21 0.00	16.37 0.23 0.00	15.81 0.22 0.00	15.77 0.23 0.00	17.48 0.36 0.00	20.71 0.51 0.00	21.46 0.50 0.00	21.98 0.37 0.00	20.30 0.36 0.00	20.93 0.25 0.00	20.89 0.29 0.00	21.38 0.23 0.00	21.68 0.15 0.00	21.69 0.02 0.00	22.23 0.02 -0.02	25.14 -0.07 -0.39	29.04 0.00 -0.88	30.64 0.26 -1.06	31.12 0.50 -1.09	30.55 0.52 -1.01	26.82 0.52 -0.54	23.55 0.46 0.00	21.36 0.36 0.00
CORNELL_____ 23752	19.49 0.49 0.00	18.11 0.37 0.00	16.48 0.34 0.00	15.89 0.30 0.00	15.86 0.33 0.00	17.61 0.50 0.00	20.81 0.61 0.00	21.54 0.59 0.00	22.13 0.52 0.00	20.50 0.56 0.00	21.22 0.54 0.00	21.12 0.52 0.00	21.66 0.51 0.00	21.98 0.45 0.00	22.10 0.43 0.00	22.64 0.44 -0.01	25.61 0.57 -0.22	29.30 0.65 -0.49	30.73 0.82 -0.59	31.08 0.94 -0.61	30.42 0.84 -0.56	26.90 0.82 -0.30	23.79 0.69 0.00	21.59 0.59 0.00

CORONA__69_KV_TB1 355595	20.56 1.56 0.00	19.12 1.38 0.00	17.32 1.18 0.00	16.47 0.87 0.00	16.37 0.84 0.00	18.09 0.98 0.00	21.42 1.21 0.00	22.42 1.47 0.00	23.36 1.75 0.00	21.44 1.50 0.00	22.34 1.65 0.00	28.21 1.88 -5.73	27.91 1.95 -4.82	28.88 2.07 -5.29	31.93 2.12 -8.14	37.42 2.17 -13.06	39.45 2.71 -11.92	47.71 3.01 -16.54	50.50 3.25 -17.92	39.11 3.22 -6.37	45.37 2.87 -13.48	38.05 2.40 -9.88	25.01 1.92 0.00	22.72 1.60 -0.12
CORTLAND__115KV_TB3 80093	19.40 0.40 0.00	18.04 0.30 0.00	16.42 0.27 0.00	15.83 0.23 0.00	15.78 0.25 0.00	17.51 0.39 0.00	20.69 0.48 0.00	21.44 0.48 0.00	22.05 0.43 0.00	20.40 0.46 0.00	21.12 0.43 0.00	21.04 0.43 0.00	21.57 0.42 0.00	21.91 0.39 0.00	22.04 0.37 0.00	22.60 0.40 -0.01	25.53 0.50 -0.22	29.18 0.53 -0.49	30.61 0.70 -0.59	30.90 0.77 -0.61	30.25 0.67 -0.56	26.72 0.64 -0.30	23.62 0.53 0.00	21.46 0.46 0.00
COXSACKIE__GT 23611	20.12 1.12 0.00	18.98 1.24 0.00	17.23 1.08 0.00	16.65 1.06 0.00	16.58 1.04 0.00	18.14 1.03 0.00	21.44 1.23 0.00	21.94 0.99 0.00	22.61 0.99 0.00	20.60 0.66 0.00	21.41 0.72 0.00	21.18 0.58 0.00	21.82 0.68 0.00	22.28 0.75 0.00	22.41 0.74 0.00	22.98 0.80 0.00	25.86 1.04 0.00	29.56 1.41 0.00	31.26 1.93 0.00	31.59 2.07 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.48 1.39 0.00	22.09 1.09 0.00
CPV_VALLEY__CC1 323721	19.65 0.65 0.00	18.31 0.57 0.00	16.56 0.42 0.00	16.00 0.40 0.00	15.92 0.39 0.00	17.58 0.46 0.00	20.79 0.59 0.00	21.69 0.73 0.00	22.44 0.82 0.00	20.64 0.70 0.00	21.49 0.81 0.00	21.43 0.83 0.00	22.12 0.97 0.00	22.58 1.05 0.00	22.75 1.08 0.00	23.29 1.11 0.00	26.23 1.41 0.00	29.73 1.58 0.00	31.08 1.76 0.00	31.21 1.68 0.00	30.50 1.48 0.00	26.98 1.21 0.00	23.95 0.85 0.00	21.65 0.65 0.00
CPV_VALLEY__CC2 323722	19.65 0.65 0.00	18.31 0.57 0.00	16.56 0.42 0.00	16.00 0.40 0.00	15.92 0.39 0.00	17.58 0.46 0.00	20.79 0.59 0.00	21.69 0.73 0.00	22.44 0.82 0.00	20.64 0.70 0.00	21.49 0.81 0.00	21.43 0.83 0.00	22.12 0.97 0.00	22.58 1.05 0.00	22.75 1.08 0.00	23.29 1.11 0.00	26.23 1.41 0.00	29.73 1.58 0.00	31.08 1.76 0.00	31.21 1.68 0.00	30.50 1.48 0.00	26.98 1.21 0.00	23.95 0.85 0.00	21.65 0.65 0.00
CRESCENT__HYD 24018	19.78 0.78 0.00	18.56 0.82 0.00	16.82 0.68 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.80 0.69 0.00	20.99 0.79 0.00	21.82 0.86 0.00	22.48 0.87 0.00	20.60 0.66 0.00	21.43 0.74 0.00	21.28 0.68 0.00	21.95 0.80 0.00	22.41 0.88 0.00	22.52 0.84 0.00	23.07 0.89 0.00	25.91 1.09 0.00	29.54 1.38 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.59 1.57 0.00	27.04 1.26 0.00	24.11 1.01 0.00	21.78 0.78 0.00
CRICKET__VALLEY_CC1 323756	19.80 0.80 0.00	18.52 0.78 0.00	16.77 0.63 0.00	16.22 0.62 0.00	16.16 0.62 0.00	17.77 0.65 0.00	20.93 0.73 0.00	21.84 0.88 0.00	22.54 0.93 0.00	20.70 0.76 0.00	21.57 0.89 0.00	21.45 0.85 0.00	22.16 1.02 0.00	22.64 1.12 0.00	22.78 1.10 0.00	23.32 1.13 0.00	26.28 1.46 0.00	29.88 1.72 0.00	31.29 1.96 0.00	31.44 1.92 0.00	30.73 1.71 0.00	27.11 1.34 0.00	24.06 0.97 0.00	21.74 0.73 0.00
CRICKET__VALLEY_CC2 323757	19.80 0.80 0.00	18.52 0.78 0.00	16.77 0.63 0.00	16.22 0.62 0.00	16.16 0.62 0.00	17.77 0.65 0.00	20.93 0.73 0.00	21.84 0.88 0.00	22.54 0.93 0.00	20.70 0.76 0.00	21.57 0.89 0.00	21.45 0.85 0.00	22.16 1.02 0.00	22.64 1.12 0.00	22.78 1.10 0.00	23.32 1.13 0.00	26.28 1.46 0.00	29.88 1.72 0.00	31.29 1.96 0.00	31.44 1.92 0.00	30.73 1.71 0.00	27.11 1.34 0.00	24.06 0.97 0.00	21.74 0.73 0.00
CRICKET__VALLEY_CC3 323758	19.80 0.80 0.00	18.52 0.78 0.00	16.77 0.63 0.00	16.22 0.62 0.00	16.16 0.62 0.00	17.77 0.65 0.00	20.93 0.73 0.00	21.84 0.88 0.00	22.54 0.93 0.00	20.70 0.76 0.00	21.57 0.89 0.00	21.45 0.85 0.00	22.16 1.02 0.00	22.64 1.12 0.00	22.78 1.10 0.00	23.32 1.13 0.00	26.28 1.46 0.00	29.88 1.72 0.00	31.29 1.96 0.00	31.44 1.92 0.00	30.73 1.71 0.00	27.11 1.34 0.00	24.06 0.97 0.00	21.74 0.73 0.00
CRUCIBLE_METL_DRP 24180	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
DAHOWA__HYDRO 323763	20.12 1.12 0.00	18.82 1.08 0.00	17.06 0.92 0.00	16.50 0.90 0.00	16.42 0.89 0.00	18.11 0.99 0.00	21.36 1.15 0.00	22.11 1.15 0.00	22.80 1.19 0.00	20.88 0.94 0.00	21.74 1.05 0.00	21.57 0.97 0.00	22.23 1.08 0.00	22.64 1.12 0.00	22.78 1.10 0.00	23.36 1.18 0.00	26.31 1.49 0.00	29.90 1.75 0.00	31.52 2.20 0.00	31.65 2.13 0.00	31.14 2.12 0.00	27.55 1.78 0.00	24.59 1.50 0.00	22.20 1.20 0.00
DANC__LFGE 323619	19.12 0.11 0.00	17.79 0.05 0.00	16.21 0.06 0.00	15.66 0.06 0.00	15.61 0.08 0.00	17.29 0.17 0.00	20.47 0.26 0.00	21.19 0.23 0.00	21.77 0.15 0.00	20.10 0.16 0.00	20.77 0.08 0.00	20.71 0.10 0.00	21.17 0.02 0.00	21.48 -0.04 0.00	21.54 -0.13 0.00	22.08 -0.13 -0.03	25.09 -0.22 -0.49	29.04 -0.23 -1.11	30.62 -0.03 -1.33	31.05 0.15 -1.37	30.43 0.15 -1.26	26.63 0.18 -0.67	23.28 0.18 0.00	21.17 0.17 0.00
DANSKAMMER__1 23586	20.05 1.04 0.00	18.64 0.90 0.00	16.87 0.73 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.78 1.17 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.20 0.00	27.55 1.78 0.00	24.41 1.32 0.00	22.05 1.05 0.00
DANSKAMMER__2 23589	20.05 1.04 0.00	18.64 0.90 0.00	16.87 0.73 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.78 1.17 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.20 0.00	27.55 1.78 0.00	24.41 1.32 0.00	22.05 1.05 0.00
DANSKAMMER__3 23590	20.05 1.04 0.00	18.64 0.90 0.00	16.87 0.73 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.78 1.17 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.20 0.00	27.55 1.78 0.00	24.41 1.32 0.00	22.05 1.05 0.00

DANSKAMMER___4 23591	20.05 1.04 0.00	18.64 0.90 0.00	16.87 0.73 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.78 1.17 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.20 0.00	27.55 1.78 0.00	24.41 1.32 0.00	22.05 1.05 0.00
DANSKAMMER___DIESEL 23592	20.03 1.03 0.00	18.64 0.90 0.00	16.92 0.77 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.87 0.75 0.00	21.16 0.95 0.00	22.02 1.07 0.00	22.87 1.25 0.00	20.98 1.04 0.00	21.86 1.18 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.21 0.00	27.55 1.78 0.00	24.43 1.34 0.00	22.05 1.05 0.00
DARBY___SOLAR 323810	20.05 1.04 0.00	18.77 1.03 0.00	17.00 0.86 0.00	16.43 0.84 0.00	16.36 0.82 0.00	18.04 0.92 0.00	21.28 1.07 0.00	22.05 1.09 0.00	22.74 1.12 0.00	20.84 0.90 0.00	21.70 1.01 0.00	21.53 0.93 0.00	22.16 1.02 0.00	22.60 1.08 0.00	22.73 1.06 0.00	23.32 1.13 0.00	26.23 1.41 0.00	29.85 1.69 0.00	31.40 2.08 0.00	31.53 2.01 0.00	31.02 2.00 0.00	27.42 1.65 0.00	24.48 1.39 0.00	22.11 1.11 0.00
DASHVILLE___HYD 23610	19.80 0.80 0.00	18.38 0.64 0.00	16.68 0.53 0.00	16.04 0.45 0.00	15.99 0.45 0.00	17.63 0.51 0.00	20.87 0.67 0.00	21.77 0.82 0.00	22.61 0.99 0.00	20.76 0.82 0.00	21.66 0.97 0.00	21.70 1.09 0.00	22.31 1.16 0.00	22.79 1.27 0.00	22.99 1.32 0.00	23.52 1.33 0.00	26.58 1.76 0.00	30.10 1.94 0.00	31.46 2.14 0.00	31.62 2.10 0.00	30.85 1.83 0.00	27.24 1.47 0.00	24.13 1.04 0.00	21.80 0.80 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.56 2.05 -4.51	26.06 1.81 -6.51	25.67 1.57 -7.96	18.96 1.25 -2.12	18.93 1.23 -2.17	20.38 1.44 -1.83	22.18 1.88 -0.09	23.11 2.16 0.00	24.27 2.55 -0.11	22.32 2.27 -0.11	23.25 2.56 0.00	29.21 2.76 -5.84	28.92 2.83 -4.94	31.29 2.88 -6.88	32.87 2.95 -8.25	38.37 3.13 -13.06	44.49 3.77 -15.90	49.06 4.25 -16.65	87.16 4.49 -53.36	42.59 4.46 -8.61	46.55 3.95 -13.58	39.13 3.38 -9.98	25.77 2.68 0.00	29.99 2.18 -6.81
DELAWARE___LFGE 323621	19.55 0.55 0.00	18.24 0.50 0.00	16.58 0.44 0.00	15.98 0.39 0.00	15.92 0.39 0.00	17.61 0.50 0.00	20.81 0.61 0.00	21.63 0.67 0.00	22.33 0.71 0.00	20.58 0.64 0.00	21.37 0.68 0.00	21.35 0.74 0.00	21.93 0.78 0.00	22.32 0.80 0.00	22.47 0.80 0.00	23.01 0.82 0.00	25.84 1.02 0.00	29.31 1.15 0.00	30.64 1.32 0.00	30.82 1.30 0.00	30.18 1.16 0.00	26.75 0.98 0.00	23.85 0.76 0.00	21.61 0.61 0.00
DERFIELD_115KV_TB7 355931	19.13 0.13 0.00	17.86 0.12 0.00	16.26 0.11 0.00	15.69 0.09 0.00	15.61 0.08 0.00	17.22 0.10 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.74 0.13 0.00	20.06 0.12 0.00	20.81 0.12 0.00	20.75 0.14 0.00	21.30 0.15 0.00	21.67 0.15 0.00	21.82 0.15 0.00	22.34 0.16 0.00	25.02 0.20 0.00	28.41 0.25 0.00	29.64 0.32 0.00	29.85 0.32 0.00	29.28 0.26 0.00	25.98 0.21 0.00	23.23 0.14 0.00	21.13 0.13 0.00
DOGLEVILLE___HYD 23807	19.36 0.36 0.00	18.09 0.35 0.00	16.44 0.29 0.00	15.87 0.28 0.00	15.81 0.28 0.00	17.48 0.36 0.00	20.65 0.44 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.34 0.40 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.61 0.46 0.00	21.98 0.45 0.00	22.10 0.43 0.00	22.63 0.44 0.00	25.29 0.47 0.00	28.75 0.59 0.00	30.00 0.67 0.00	30.20 0.68 0.00	29.63 0.61 0.00	26.31 0.54 0.00	23.60 0.51 0.00	21.44 0.44 0.00
DUNKIRK___115KV_TB_200 55889	19.34 0.34 0.00	17.86 0.12 0.00	16.39 0.24 0.00	15.81 0.22 0.00	15.77 0.23 0.00	17.66 0.55 0.00	20.59 0.38 0.00	21.25 0.29 0.00	21.92 0.30 0.00	20.56 0.62 0.00	21.26 0.58 0.00	21.20 0.60 0.00	21.70 0.55 0.00	21.93 0.41 0.00	22.11 0.43 0.00	22.58 0.40 0.00	25.24 0.42 0.00	28.16 0.00 0.00	29.53 0.21 0.00	29.85 0.32 0.00	29.02 0.00 0.00	26.21 0.44 0.00	23.58 0.48 0.00	21.48 0.48 0.00
DUNKIRK___1 23563	19.34 0.34 0.00	17.86 0.12 0.00	16.39 0.24 0.00	15.81 0.22 0.00	15.77 0.23 0.00	17.66 0.55 0.00	20.59 0.38 0.00	21.25 0.29 0.00	21.92 0.30 0.00	20.56 0.62 0.00	21.26 0.58 0.00	21.20 0.60 0.00	21.70 0.55 0.00	21.93 0.41 0.00	22.11 0.43 0.00	22.58 0.40 0.00	25.24 0.42 0.00	28.16 0.00 0.00	29.53 0.21 0.00	29.85 0.32 0.00	29.02 0.00 0.00	26.21 0.44 0.00	23.58 0.48 0.00	21.48 0.48 0.00
DUNKIRK___2 23564	19.34 0.34 0.00	17.86 0.12 0.00	16.39 0.24 0.00	15.81 0.22 0.00	15.77 0.23 0.00	17.66 0.55 0.00	20.59 0.38 0.00	21.25 0.29 0.00	21.92 0.30 0.00	20.56 0.62 0.00	21.26 0.58 0.00	21.20 0.60 0.00	21.70 0.55 0.00	21.93 0.41 0.00	22.11 0.43 0.00	22.58 0.40 0.00	25.24 0.42 0.00	28.16 0.00 0.00	29.53 0.21 0.00	29.85 0.32 0.00	29.02 0.00 0.00	26.21 0.44 0.00	23.58 0.48 0.00	21.48 0.48 0.00
DUNKIRK___3 23565	19.23 0.23 0.00	17.74 0.00 0.00	16.29 0.15 0.00	15.70 0.11 0.00	15.67 0.14 0.00	17.54 0.43 0.00	20.43 0.22 0.00	21.06 0.10 0.00	21.72 0.11 0.00	20.38 0.44 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.51 0.36 0.00	21.76 0.24 0.00	21.93 0.26 0.00	22.41 0.22 0.00	25.04 0.22 0.00	27.96 -0.20 0.00	29.29 -0.03 0.00	29.64 0.12 0.00	28.82 -0.20 0.00	26.00 0.23 0.00	23.39 0.30 0.00	21.34 0.34 0.00
DUNKIRK___4 23566	19.23 0.23 0.00	17.74 0.00 0.00	16.29 0.15 0.00	15.70 0.11 0.00	15.67 0.14 0.00	17.54 0.43 0.00	20.43 0.22 0.00	21.06 0.10 0.00	21.72 0.11 0.00	20.38 0.44 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.51 0.36 0.00	21.76 0.24 0.00	21.93 0.26 0.00	22.41 0.22 0.00	25.04 0.22 0.00	27.96 -0.20 0.00	29.29 -0.03 0.00	29.64 0.12 0.00	28.82 -0.20 0.00	26.00 0.23 0.00	23.39 0.30 0.00	21.34 0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.12 1.12 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.24 1.03 0.00	22.19 1.24 0.00	23.02 1.40 0.00	21.14 1.20 0.00	22.05 1.37 0.00	22.13 1.52 0.00	22.73 1.59 0.00	23.22 1.70 0.00	23.43 1.76 0.00	23.96 1.77 0.00	27.03 2.21 0.00	30.64 2.48 0.00	32.02 2.70 0.00	32.15 2.63 0.00	31.34 2.32 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.11 1.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.89 0.89 0.00	18.50 0.76 0.00	16.81 0.66 0.00	16.17 0.58 0.00	16.09 0.56 0.00	17.75 0.63 0.00	21.03 0.83 0.00	21.90 0.94 0.00	22.72 1.10 0.00	20.86 0.92 0.00	21.74 1.05 0.00	21.78 1.17 0.00	22.40 1.25 0.00	22.86 1.33 0.00	23.06 1.39 0.00	23.58 1.40 0.00	26.61 1.79 0.00	30.18 2.03 0.00	31.55 2.23 0.00	31.71 2.18 0.00	30.97 1.94 0.00	27.34 1.57 0.00	24.25 1.15 0.00	21.90 0.90 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.26 1.25 -0.01	18.79 1.05 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.84 0.72 0.00	21.18 0.97 0.00	22.17 1.22 0.00	23.06 1.45 0.00	21.18 1.24 0.00	22.09 1.41 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.55 1.89 0.01	24.07 1.89 0.00	27.14 2.33 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.24 2.72 0.00	31.40 2.38 0.00	27.63 1.86 0.00	24.48 1.39 0.00	22.24 1.24 0.00
E179THST_13_KV_LOAD 356214	20.36 1.35 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.28 1.32 0.00	23.19 1.58 0.00	21.28 1.34 0.00	22.21 1.53 0.00	22.32 1.71 0.00	22.95 1.80 0.00	23.44 1.92 0.00	23.66 1.99 0.01	24.18 2.00 0.00	27.29 2.48 0.01	30.94 2.79 0.01	32.33 3.02 0.01	32.42 2.89 0.00	31.55 2.52 0.00	27.76 1.98 0.00	24.59 1.50 0.00	22.35 1.34 0.00
EAST HAMPTON___GT 23717	25.66 2.15 -4.51	26.14 1.88 -6.53	25.48 1.37 -7.96	19.03 1.31 -2.13	19.04 1.34 -2.17	20.55 1.61 -1.83	22.36 2.06 -0.09	23.32 2.37 0.00	24.53 2.81 -0.11	22.60 2.55 -0.11	23.50 2.81 0.00	29.41 2.97 -5.84	29.23 3.15 -4.94	31.61 3.21 -6.88	33.20 3.27 -8.25	38.68 3.44 -13.06	44.84 4.12 -15.90	49.45 4.64 -16.65	87.60 4.92 -53.35	43.06 4.93 -8.61	46.93 4.33 -13.58	39.47 3.71 -9.98	26.00 2.91 0.00	30.20 2.39 -6.81
EAST RIVER___6 23660	19.93 1.12 0.19	18.62 0.96 0.08	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.91 0.80 0.01	21.00 1.07 0.28	21.97 1.28 0.27	22.75 1.47 0.33	21.02 1.28 0.20	22.08 1.47 0.07	22.02 1.48 0.07	22.73 1.71 0.13	23.18 1.83 0.17	23.41 1.93 0.19	24.11 1.93 0.00	27.02 2.38 0.18	30.34 2.65 0.46	31.59 2.84 0.57	31.37 2.71 0.87	30.63 2.41 0.80	27.20 1.93 0.51	24.27 1.43 0.25	22.02 1.18 0.15
EAST RIVER___7 23524	19.93 1.12 0.19	18.62 0.96 0.08	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.91 0.80 0.01	21.00 1.07 0.28	21.97 1.28 0.27	22.75 1.47 0.33	21.02 1.28 0.20	22.08 1.47 0.07	22.02 1.48 0.07	22.73 1.71 0.13	23.18 1.83 0.17	23.41 1.93 0.19	24.11 1.93 0.00	27.02 2.38 0.18	30.34 2.65 0.46	31.59 2.84 0.57	31.37 2.71 0.87	30.63 2.41 0.80	27.20 1.93 0.51	24.27 1.43 0.25	22.02 1.18 0.15
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.05 1.05 0.00	18.66 0.92 0.00	16.90 0.76 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.13 1.17 0.00	22.95 1.34 0.00	21.08 1.14 0.00	21.99 1.30 0.00	22.05 1.44 0.00	22.67 1.52 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.93 2.11 0.00	30.55 2.39 0.00	31.90 2.58 0.00	32.03 2.51 0.00	31.26 2.23 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.05 1.05 0.00
EAST_HAMPTON___DIESEL 23722	25.64 2.13 -4.51	26.13 1.86 -6.53	25.48 1.37 -7.96	19.01 1.29 -2.13	19.04 1.34 -2.17	20.55 1.61 -1.83	22.36 2.06 -0.09	23.32 2.37 0.00	24.53 2.81 -0.11	22.60 2.55 -0.11	23.50 2.81 0.00	29.41 2.97 -5.84	29.23 3.15 -4.94	31.61 3.21 -6.88	33.17 3.25 -8.25	38.66 3.42 -13.06	44.81 4.09 -15.90	49.45 4.64 -16.65	87.57 4.90 -53.35	43.03 4.90 -8.61	46.90 4.29 -13.58	39.44 3.69 -9.98	25.98 2.89 0.00	30.18 2.37 -6.81
EAST_POINT___SOLAR 323840	20.35 1.35 0.00	18.98 1.24 0.00	17.16 1.02 0.00	16.58 0.98 0.00	16.50 0.96 0.00	18.31 1.20 0.00	21.46 1.25 0.00	22.02 1.07 0.00	22.44 0.82 0.00	20.06 0.12 0.00	20.91 0.23 0.00	20.60 0.00 0.00	21.21 0.06 0.00	21.83 0.30 0.00	21.95 0.28 0.00	22.38 0.20 0.00	25.12 0.30 0.00	29.20 1.04 0.00	31.81 2.49 0.00	32.24 2.71 0.00	31.63 2.61 0.00	27.91 2.14 0.00	25.01 1.92 0.00	22.51 1.51 0.00
EAST_PULASKI___ESR 323781	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	17.13 0.02 0.00	20.25 0.04 0.00	20.96 0.00 0.00	21.55 -0.06 0.00	19.94 0.00 0.00	20.62 -0.06 0.00	20.56 -0.04 0.00	21.02 -0.13 0.00	21.33 -0.19 0.00	21.43 -0.24 0.00	21.98 -0.24 -0.04	25.20 -0.32 -0.71	29.39 -0.37 -1.60	31.00 -0.24 -1.92	31.39 -0.12 -1.98	30.67 -0.17 -1.82	26.64 -0.10 -0.97	23.05 -0.05 0.00	21.02 0.02 0.00
EAST_RIVER___1 323558	19.95 1.14 0.19	18.66 0.99 0.08	16.90 0.76 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.82 0.01	21.02 1.09 0.28	22.01 1.32 0.27	22.77 1.49 0.33	21.06 1.32 0.20	22.10 1.49 0.07	22.04 1.50 0.07	22.75 1.73 0.13	23.21 1.85 0.17	23.41 1.93 0.19	24.11 1.93 0.00	27.02 2.38 0.18	30.37 2.68 0.46	31.62 2.88 0.57	31.43 2.77 0.87	30.66 2.44 0.80	27.22 1.96 0.51	24.30 1.46 0.25	22.02 1.18 0.15
EAST_RIVER___2 323559	19.93 1.12 0.19	18.62 0.96 0.08	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.91 0.80 0.01	21.00 1.07 0.28	21.97 1.28 0.27	22.75 1.47 0.33	21.02 1.28 0.20	22.08 1.47 0.07	22.02 1.48 0.07	22.73 1.71 0.13	23.18 1.83 0.17	23.41 1.93 0.19	24.11 1.93 0.00	27.02 2.38 0.18	30.34 2.65 0.46	31.59 2.84 0.57	31.37 2.71 0.87	30.63 2.41 0.80	27.20 1.93 0.51	24.27 1.43 0.25	22.02 1.18 0.15
EAST___DELAWARE_HYD 23607	19.57 0.57 0.00	18.16 0.43 0.00	16.44 0.29 0.00	15.86 0.26 0.00	15.80 0.26 0.00	17.46 0.34 0.00	20.67 0.47 0.00	21.52 0.57 0.00	22.31 0.69 0.00	20.48 0.54 0.00	21.35 0.66 0.00	21.26 0.66 0.00	21.97 0.82 0.00	22.41 0.88 0.00	22.60 0.93 0.00	23.14 0.95 0.00	26.13 1.31 0.00	29.65 1.49 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.50 1.48 0.00	26.93 1.16 0.00	23.88 0.79 0.00	21.57 0.57 0.00
EIGHT_POINT___WT_PWR 323820	19.44 0.44 0.00	17.93 0.20 0.00	16.40 0.26 0.00	15.84 0.25 0.00	15.83 0.29 0.00	17.63 0.51 0.00	20.77 0.56 0.00	21.46 0.50 0.00	22.13 0.52 0.00	20.58 0.64 0.00	21.26 0.58 0.00	21.22 0.62 0.00	21.74 0.59 0.00	22.00 0.47 0.00	22.13 0.46 0.00	22.65 0.47 0.00	25.39 0.57 0.00	28.55 0.39 0.00	29.94 0.62 0.00	30.32 0.80 0.00	29.57 0.55 0.00	26.57 0.80 0.00	23.83 0.74 0.00	21.65 0.65 0.00
ELBRIDGE_115KV_TB2 80188	19.00 0.00 0.00	17.69 -0.05 0.00	16.10 -0.05 0.00	15.51 -0.08 0.00	15.47 -0.06 0.00	17.13 0.02 0.00	20.21 0.00 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	19.94 0.00 0.00	20.64 -0.04 0.00	20.52 -0.08 0.00	21.04 -0.11 0.00	21.37 -0.15 0.00	21.52 -0.15 0.00	22.06 -0.16 -0.03	25.15 -0.12 -0.46	28.99 -0.20 -1.03	30.44 -0.12 -1.24	30.71 -0.09 -1.28	30.05 -0.15 -1.17	26.32 -0.08 -0.63	23.05 -0.05 0.00	21.02 0.02 0.00
ELEC_TRO_TEK 24086	20.43 1.43 -0.01	19.02 1.28 0.00	17.23 1.08 0.00	16.39 0.80 0.00	16.28 0.75 0.00	17.99 0.87 0.00	21.32 1.11 0.00	22.32 1.36 0.00	23.26 1.64 0.00	21.34 1.40 0.00	22.26 1.57 0.00	28.10 1.77 -5.73	27.81 1.84 -4.82	28.76 1.94 -5.30	31.80 1.99 -8.14	37.26 2.02 -13.06	39.25 2.51 -11.92	47.54 2.84 -16.54	50.32 3.08 -17.92	38.90 3.01 -6.37	45.17 2.67 -13.48	37.84 2.19 -9.88	24.85 1.76 0.00	22.58 1.45 -0.13

ELLENBURG_WT_PWR 323604	18.98 -0.02 0.00	17.86 0.13 0.00	16.34 0.19 0.00	15.83 0.23 0.00	15.78 0.25 0.00	17.36 0.24 0.00	20.67 0.47 0.00	21.48 0.52 0.00	22.13 0.52 0.00	20.60 0.66 0.00	20.89 0.21 0.00	20.73 0.12 0.00	21.32 0.17 0.00	21.72 0.19 0.00	21.84 0.17 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.55 0.03 0.00	29.86 0.84 0.00	26.44 0.67 0.00	23.83 0.74 0.00	21.48 0.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.02 0.02 0.00	17.54 -0.20 0.00	16.10 -0.05 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	17.32 0.21 0.00	20.15 -0.06 0.00	20.73 -0.23 0.00	21.38 -0.24 0.00	20.08 0.14 0.00	20.77 0.08 0.00	20.69 0.08 0.00	21.17 0.02 0.00	21.40 -0.13 0.00	21.56 -0.11 0.00	22.05 -0.13 0.00	24.62 -0.20 0.00	27.48 -0.68 0.00	28.79 -0.53 0.00	29.11 -0.41 0.00	28.33 -0.70 0.00	25.57 -0.21 0.00	23.05 -0.05 0.00	21.06 0.06 0.00
EMPIRE_CC_1 323656	19.63 0.63 0.00	18.48 0.74 0.00	16.76 0.61 0.00	16.22 0.62 0.00	16.14 0.61 0.00	17.70 0.58 0.00	20.83 0.63 0.00	21.69 0.73 0.00	22.33 0.71 0.00	20.46 0.52 0.00	21.30 0.62 0.00	21.16 0.56 0.00	21.84 0.70 0.00	22.32 0.80 0.00	22.41 0.74 0.00	22.94 0.75 0.00	25.74 0.92 0.00	29.28 1.13 0.00	30.76 1.44 0.00	30.94 1.42 0.00	30.27 1.25 0.00	26.73 0.95 0.00	23.92 0.83 0.00	21.59 0.59 0.00
EMPIRE_CC_2 323658	19.63 0.63 0.00	18.48 0.74 0.00	16.76 0.61 0.00	16.22 0.62 0.00	16.14 0.61 0.00	17.70 0.58 0.00	20.83 0.63 0.00	21.69 0.73 0.00	22.33 0.71 0.00	20.46 0.52 0.00	21.30 0.62 0.00	21.16 0.56 0.00	21.84 0.70 0.00	22.32 0.80 0.00	22.41 0.74 0.00	22.94 0.75 0.00	25.74 0.92 0.00	29.28 1.13 0.00	30.76 1.44 0.00	30.94 1.42 0.00	30.27 1.25 0.00	26.73 0.95 0.00	23.92 0.83 0.00	21.59 0.59 0.00
ENORWICH_115KV_TB1 80156	20.39 1.39 0.00	18.98 1.24 0.00	17.26 1.11 0.00	16.64 1.04 0.00	16.58 1.04 0.00	18.55 1.44 0.00	21.96 1.76 0.00	22.76 1.80 0.00	23.26 1.64 0.00	21.48 1.54 0.00	22.19 1.51 0.00	22.13 1.52 0.00	22.67 1.52 0.00	22.97 1.44 0.00	23.08 1.41 0.00	23.68 1.49 -0.01	26.75 1.76 -0.17	30.61 2.08 -0.37	32.29 2.52 -0.45	32.67 2.69 -0.46	32.00 2.55 -0.42	28.34 2.35 -0.23	25.08 1.99 0.00	22.66 1.66 0.00
ERIE_ST__34_KV_TB1-2 80199	19.25 0.25 0.00	17.74 0.00 0.00	16.27 0.13 0.00	15.70 0.11 0.00	15.67 0.14 0.00	17.53 0.41 0.00	20.43 0.22 0.00	21.02 0.06 0.00	21.68 0.06 0.00	20.36 0.42 0.00	21.08 0.39 0.00	21.02 0.41 0.00	21.51 0.36 0.00	21.76 0.24 0.00	21.93 0.26 0.00	22.43 0.24 0.00	25.07 0.25 0.00	27.99 -0.17 0.00	29.32 0.00 0.00	29.64 0.12 0.00	28.79 -0.23 0.00	25.95 0.18 0.00	23.37 0.28 0.00	21.36 0.36 0.00
ERIE_WT_PWR 323693	19.15 0.15 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.34 0.22 0.00	20.29 0.08 0.00	20.87 -0.08 0.00	21.68 0.07 0.00	20.22 0.28 0.00	20.89 0.21 0.00	20.87 0.27 0.00	21.31 0.17 0.00	21.57 0.04 0.00	21.74 0.07 0.00	22.23 0.04 0.00	24.82 0.00 0.00	27.71 -0.45 0.00	29.03 -0.29 0.00	29.38 -0.15 0.00	28.56 -0.47 0.00	25.77 0.00 0.00	23.23 0.14 0.00	21.23 0.23 0.00
ESPRGFLD_115KV_TB1 80157	19.76 0.76 0.00	18.41 0.67 0.00	16.74 0.60 0.00	16.14 0.55 0.00	16.06 0.53 0.00	17.82 0.70 0.00	21.12 0.91 0.00	21.96 1.01 0.00	22.65 1.04 0.00	20.90 0.96 0.00	21.70 1.01 0.00	21.72 1.11 0.00	22.29 1.14 0.00	22.66 1.14 0.00	22.82 1.15 0.00	23.38 1.20 0.00	26.23 1.41 0.00	29.76 1.60 0.00	31.17 1.85 0.00	31.32 1.80 0.00	30.68 1.65 0.00	27.19 1.42 0.00	24.20 1.11 0.00	21.88 0.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.48 0.48 0.00	18.09 0.35 0.00	16.47 0.32 0.00	15.87 0.28 0.00	15.85 0.31 0.00	17.58 0.46 0.00	20.77 0.57 0.00	21.52 0.57 0.00	22.11 0.50 0.00	20.46 0.52 0.00	21.18 0.50 0.00	21.08 0.47 0.00	21.61 0.47 0.00	21.93 0.41 0.00	22.06 0.39 0.00	22.62 0.42 -0.01	25.59 0.55 -0.23	29.26 0.59 -0.51	30.73 0.79 -0.61	31.04 0.89 -0.63	30.39 0.78 -0.58	26.86 0.77 -0.31	23.74 0.65 0.00	21.57 0.57 0.00
ETNA____115KV_TB2 80207	19.48 0.48 0.00	18.09 0.35 0.00	16.47 0.32 0.00	15.87 0.28 0.00	15.85 0.31 0.00	17.58 0.46 0.00	20.77 0.57 0.00	21.52 0.57 0.00	22.11 0.50 0.00	20.46 0.52 0.00	21.18 0.50 0.00	21.08 0.47 0.00	21.61 0.47 0.00	21.93 0.41 0.00	22.06 0.39 0.00	22.62 0.42 -0.01	25.59 0.55 -0.23	29.26 0.59 -0.51	30.73 0.79 -0.61	31.04 0.89 -0.63	30.39 0.78 -0.58	26.86 0.77 -0.31	23.74 0.65 0.00	21.57 0.57 0.00
EUCLID__115KV_TB2 356179	18.89 -0.11 0.00	17.58 -0.16 0.00	16.00 -0.15 0.00	15.44 -0.16 0.00	15.38 -0.16 0.00	17.03 -0.09 0.00	20.07 -0.14 0.00	20.77 -0.19 0.00	21.40 -0.22 0.00	19.82 -0.12 0.00	20.52 -0.17 0.00	20.40 -0.21 0.00	20.91 -0.23 0.00	21.24 -0.28 0.00	21.39 -0.28 0.00	21.91 -0.29 -0.01	24.71 -0.30 -0.19	28.18 -0.39 -0.42	29.50 -0.32 -0.50	29.75 -0.30 -0.52	29.15 -0.35 -0.48	25.77 -0.26 -0.25	22.86 -0.23 0.00	20.90 -0.11 0.00
E_CANADA_CAP_HY 24051	20.33 1.33 0.00	18.96 1.22 0.00	17.13 0.98 0.00	16.54 0.95 0.00	16.48 0.95 0.00	18.30 1.18 0.00	21.42 1.21 0.00	22.00 1.05 0.00	22.44 0.82 0.00	20.06 0.12 0.00	20.91 0.23 0.00	20.60 0.00 0.00	21.23 0.08 0.00	21.83 0.30 0.00	21.95 0.28 0.00	22.38 0.20 0.00	25.09 0.27 0.00	29.17 1.01 0.00	31.73 2.40 0.00	32.15 2.63 0.00	31.58 2.55 0.00	27.84 2.06 0.00	24.96 1.87 0.00	22.47 1.47 0.00
E_CANADA_MHWK_HY 24050	19.36 0.36 0.00	18.09 0.35 0.00	16.44 0.29 0.00	15.87 0.28 0.00	15.81 0.28 0.00	17.48 0.36 0.00	20.65 0.44 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.34 0.40 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.61 0.46 0.00	21.98 0.45 0.00	22.10 0.43 0.00	22.63 0.44 0.00	25.29 0.47 0.00	28.75 0.59 0.00	30.00 0.67 0.00	30.20 0.68 0.00	29.63 0.61 0.00	26.31 0.54 0.00	23.60 0.51 0.00	21.44 0.44 0.00
E_FISHKILL__LBMP 23776	19.86 0.86 0.00	18.52 0.78 0.00	16.82 0.68 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.77 0.65 0.00	21.03 0.83 0.00	21.94 0.98 0.00	22.74 1.12 0.00	20.88 0.94 0.00	21.76 1.08 0.00	21.80 1.20 0.00	22.40 1.25 0.00	22.86 1.33 0.00	23.04 1.37 0.00	23.58 1.40 0.00	26.58 1.76 0.00	30.16 2.00 0.00	31.52 2.20 0.00	31.68 2.16 0.00	30.94 1.92 0.00	27.29 1.52 0.00	24.22 1.13 0.00	21.88 0.88 0.00
FALCON___SEABRD_CC1 323796	19.08 0.08 0.00	17.93 0.20 0.00	16.42 0.27 0.00	15.89 0.30 0.00	15.85 0.31 0.00	17.43 0.31 0.00	20.75 0.55 0.00	21.58 0.63 0.00	22.22 0.60 0.00	20.66 0.72 0.00	20.91 0.23 0.00	20.77 0.16 0.00	21.34 0.19 0.00	21.74 0.22 0.00	21.87 0.19 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.58 0.06 0.00	29.95 0.93 0.00	26.52 0.75 0.00	23.92 0.83 0.00	21.57 0.57 0.00

FALCON___SEABRD_CC2 323797	19.08 0.08 0.00	17.93 0.20 0.00	16.42 0.27 0.00	15.89 0.30 0.00	15.85 0.31 0.00	17.43 0.31 0.00	20.75 0.55 0.00	21.58 0.63 0.00	22.22 0.60 0.00	20.66 0.72 0.00	20.91 0.23 0.00	20.77 0.16 0.00	21.34 0.19 0.00	21.74 0.22 0.00	21.87 0.19 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.58 0.06 0.00	29.95 0.93 0.00	26.52 0.75 0.00	23.92 0.83 0.00	21.57 0.57 0.00
FAR ROCKAWAY___4 23548	20.73 1.73 0.00	19.28 1.54 0.00	17.45 1.31 0.00	16.59 1.00 0.00	16.48 0.95 0.00	18.23 1.11 0.00	21.58 1.37 0.00	22.59 1.63 0.00	23.54 1.92 0.00	21.62 1.68 0.00	22.52 1.84 0.00	28.41 2.08 -5.73	28.13 2.16 -4.82	29.10 2.28 -5.29	32.17 2.36 -8.14	37.66 2.42 -13.06	39.74 3.00 -11.92	47.85 3.15 -16.54	50.67 3.43 -17.92	39.26 3.37 -6.37	45.69 3.19 -13.48	38.33 2.68 -9.88	25.24 2.15 0.00	22.91 1.79 -0.12
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.14 1.14 0.00	18.73 0.99 0.00	16.97 0.82 0.00	16.33 0.73 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.60 1.93 0.00	24.14 1.95 0.00	27.23 2.41 0.00	30.83 2.67 0.00	32.22 2.90 0.00	32.33 2.80 0.00	31.49 2.47 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.18 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.16 1.16 0.00	18.73 0.99 0.00	16.97 0.82 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.94 0.82 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.60 1.93 0.00	24.14 1.95 0.00	27.23 2.41 0.00	30.83 2.67 0.00	32.22 2.90 0.00	32.33 2.80 0.00	31.49 2.47 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.18 1.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.14 1.14 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.15 1.47 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.20 2.38 0.00	30.83 2.67 0.00	32.19 2.87 0.00	32.30 2.78 0.00	31.46 2.44 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.16 1.16 0.00
FARRAGUT___LBMP 323566	20.12 1.12 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.22 0.68 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.24 1.30 0.00	22.13 1.45 0.00	22.23 1.63 0.00	22.86 1.71 0.00	23.33 1.81 0.00	23.56 1.89 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
FENNER___WINDPWR 24204	19.48 0.48 0.00	18.13 0.39 0.00	16.48 0.34 0.00	15.92 0.33 0.00	15.86 0.33 0.00	17.58 0.46 0.00	20.79 0.59 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.48 0.54 0.00	21.20 0.52 0.00	21.16 0.56 0.00	21.68 0.53 0.00	22.02 0.50 0.00	22.15 0.48 0.00	22.71 0.51 -0.01	25.58 0.59 -0.17	29.24 0.70 -0.38	30.66 0.88 -0.46	30.91 0.92 -0.47	30.30 0.84 -0.43	26.80 0.80 -0.23	23.74 0.65 0.00	21.57 0.57 0.00
FIBERTEK___ENERGY 23856	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
FITZPATRICK____ 23598	18.62 -0.38 0.00	17.35 -0.39 0.00	15.77 -0.37 0.00	15.23 -0.36 0.00	15.19 -0.34 0.00	16.77 -0.34 0.00	19.76 -0.44 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.48 -0.46 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.56 -0.59 0.00	20.88 -0.65 0.00	21.02 -0.65 0.00	21.35 -0.66 0.17	21.31 -0.72 2.79	21.00 -0.87 6.29	20.93 -0.85 7.54	20.92 -0.83 7.78	20.99 -0.87 7.16	21.23 -0.72 3.82	22.47 -0.62 0.00	20.58 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	26.04 1.84 -5.20	26.84 1.61 -7.49	26.70 1.39 -9.17	19.07 1.04 -2.43	19.04 1.01 -2.49	20.40 1.18 -2.10	21.85 1.54 -0.10	22.76 1.80 0.00	23.88 2.14 -0.12	21.92 1.85 -0.12	22.75 2.07 0.00	28.73 2.27 -5.86	28.47 2.37 -4.95	31.04 2.39 -7.12	32.37 2.43 -8.27	37.75 2.51 -13.06	44.34 3.03 -16.49	48.17 3.35 -16.66	91.48 3.55 -58.61	41.94 3.48 -8.94	45.84 3.22 -13.60	38.48 2.71 -10.00	25.40 2.31 0.00	30.74 1.91 -7.83
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.06 1.06 0.00	18.68 0.94 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.20 0.99 0.00	22.07 1.11 0.00	22.91 1.30 0.00	21.00 1.06 0.00	21.90 1.22 0.00	21.92 1.32 0.00	22.56 1.42 0.00	23.03 1.51 0.00	23.23 1.56 0.00	23.76 1.58 0.00	26.85 2.04 0.00	30.44 2.28 0.00	31.87 2.55 0.00	32.03 2.51 0.00	31.29 2.26 0.00	27.60 1.83 0.00	24.48 1.39 0.00	22.09 1.09 0.00
FORT ORANGE____ 23900	19.51 0.51 0.00	18.48 0.74 0.00	16.77 0.63 0.00	16.22 0.62 0.00	16.14 0.61 0.00	17.66 0.55 0.00	20.81 0.61 0.00	21.48 0.52 0.00	22.13 0.52 0.00	20.30 0.36 0.00	21.10 0.41 0.00	20.95 0.35 0.00	21.61 0.46 0.00	22.06 0.54 0.00	22.19 0.52 0.00	22.74 0.55 0.00	25.49 0.67 0.00	29.03 0.87 0.00	30.52 1.20 0.00	30.71 1.18 0.00	30.10 1.07 0.00	26.60 0.82 0.00	23.76 0.67 0.00	21.48 0.48 0.00
FORT_DRUM_COGEN 23780	19.27 0.27 0.00	17.95 0.21 0.00	16.35 0.21 0.00	15.84 0.25 0.00	15.80 0.26 0.00	17.51 0.39 0.00	20.75 0.55 0.00	21.50 0.54 0.00	22.02 0.41 0.00	20.34 0.40 0.00	20.97 0.29 0.00	20.87 0.27 0.00	21.40 0.25 0.00	21.70 0.17 0.00	21.71 0.04 0.00	22.25 0.04 -0.02	25.12 -0.05 -0.35	28.95 0.00 -0.79	30.57 0.29 -0.95	31.04 0.53 -0.98	30.51 0.58 -0.90	26.82 0.57 -0.48	23.60 0.51 0.00	21.38 0.38 0.00
FOX_HILLS___ESR 323835	20.32 1.31 -0.01	18.79 1.05 0.00	16.98 0.84 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.87 0.75 0.00	21.22 1.01 0.00	22.19 1.24 0.00	23.08 1.47 0.00	21.18 1.24 0.00	22.13 1.45 0.00	22.25 1.65 0.00	22.90 1.76 0.00	23.42 1.89 0.00	23.65 1.97 -0.01	24.18 2.00 0.00	27.33 2.51 -0.01	31.04 2.87 -0.01	32.41 3.08 -0.01	32.51 2.98 0.00	31.60 2.58 0.00	27.81 2.04 0.00	24.62 1.52 0.00	22.30 1.30 0.00
FPL FAR_ROCK_GT1 24212	20.73 1.73 0.00	19.26 1.53 0.00	17.21 1.07 0.00	16.56 0.97 0.00	16.48 0.95 0.00	18.25 1.13 0.00	21.56 1.35 0.00	22.59 1.64 0.00	23.52 1.90 0.00	21.62 1.68 0.00	22.59 1.90 0.00	28.27 1.94 -5.73	28.10 2.14 -4.82	29.10 2.28 -5.29	32.17 2.36 -8.14	37.66 2.42 -13.06	39.74 3.00 -11.92	47.85 3.15 -16.54	50.67 3.43 -17.92	39.23 3.34 -6.37	45.69 3.19 -13.48	38.33 2.68 -9.88	25.22 2.12 0.00	22.91 1.78 -0.12

FPL FAR_ROCK_GT2 23815	20.73 1.73 0.00	19.26 1.53 0.00	17.21 1.07 0.00	16.56 0.97 0.00	16.48 0.95 0.00	18.25 1.13 0.00	21.56 1.35 0.00	22.59 1.64 0.00	23.52 1.90 0.00	21.62 1.68 0.00	22.59 1.90 0.00	28.27 1.94 -5.73	28.10 2.14 -4.82	29.10 2.28 -5.29	32.17 2.36 -8.14	37.66 2.42 -13.06	39.74 3.00 -11.92	47.85 3.15 -16.54	50.67 3.43 -17.92	39.23 3.34 -6.37	45.69 3.19 -13.48	38.33 2.68 -9.88	25.22 2.12 0.00	22.91 1.78 -0.12
FRANKLIN_FALL_HYD 24054	18.77 -0.23 0.00	17.63 -0.11 0.00	16.06 -0.08 0.00	15.67 0.08 0.00	15.64 0.11 0.00	17.13 0.02 0.00	20.37 0.16 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.75 0.06 0.00	20.63 0.02 0.00	21.19 0.04 0.00	21.57 0.04 0.00	21.65 -0.02 0.00	22.12 -0.07 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.14 0.12 0.00	25.90 0.13 0.00	23.32 0.23 0.00	21.11 0.11 0.00
FREEPORT_EQUS_GT1 23764	20.65 1.61 -0.03	19.18 1.42 -0.02	17.13 0.97 -0.02	16.47 0.87 0.00	16.40 0.87 0.00	18.17 1.04 -0.01	21.48 1.27 0.00	22.49 1.53 0.00	23.43 1.82 0.00	21.52 1.58 0.00	22.50 1.82 0.00	28.17 1.83 -5.73	28.02 2.05 -4.82	29.00 2.17 -5.30	32.04 2.23 -8.14	37.53 2.29 -13.06	39.54 2.80 -11.92	47.77 3.07 -16.54	50.55 3.31 -17.92	39.14 3.25 -6.37	45.49 2.99 -13.48	38.12 2.47 -9.88	25.10 2.01 0.00	22.87 1.70 -0.16
FREEPORT___CT2 23818	20.65 1.61 -0.03	19.18 1.42 -0.02	17.13 0.97 -0.02	16.47 0.87 0.00	16.40 0.87 0.00	18.17 1.04 -0.01	21.48 1.27 0.00	22.49 1.53 0.00	23.43 1.82 0.00	21.52 1.58 0.00	22.50 1.82 0.00	28.17 1.83 -5.73	28.02 2.05 -4.82	29.00 2.17 -5.30	32.04 2.23 -8.14	37.53 2.29 -13.06	39.54 2.80 -11.92	47.77 3.07 -16.54	50.55 3.31 -17.92	39.14 3.25 -6.37	45.49 2.99 -13.48	38.12 2.47 -9.88	25.10 2.01 0.00	22.87 1.70 -0.16
FRESHKLS_33_KV_LOAD 356253	20.32 1.31 -0.01	18.79 1.05 0.00	16.98 0.84 0.00	16.33 0.73 0.00	16.23 0.70 0.00	17.85 0.74 0.00	21.18 0.97 0.00	22.15 1.19 0.00	23.02 1.40 0.00	21.14 1.20 0.00	22.09 1.41 0.00	22.21 1.61 0.00	22.86 1.71 0.00	23.38 1.85 0.00	23.63 1.95 -0.01	24.16 1.97 0.00	27.31 2.48 -0.01	31.01 2.84 -0.01	32.41 3.08 -0.01	32.51 2.98 0.00	31.60 2.58 0.00	27.78 2.01 0.00	24.62 1.52 0.00	22.30 1.30 0.00
FULTON COGEN____ 23766	18.91 -0.10 0.00	17.60 -0.14 0.00	16.00 -0.15 0.00	15.44 -0.16 0.00	15.40 -0.14 0.00	17.05 -0.07 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.40 -0.22 0.00	19.82 -0.12 0.00	20.52 -0.17 0.00	20.38 -0.23 0.00	20.89 -0.25 0.00	21.22 -0.30 0.00	21.37 -0.30 0.00	21.92 -0.31 -0.05	25.30 -0.32 -0.81	29.58 -0.39 -1.82	31.18 -0.32 -2.18	31.51 -0.27 -2.25	30.78 -0.32 -2.07	26.62 -0.26 -1.11	22.88 -0.21 0.00	20.92 -0.08 0.00
FULTON___LFGE 323630	20.96 1.96 0.00	19.55 1.81 0.00	17.65 1.50 0.00	17.04 1.45 0.00	16.96 1.43 0.00	18.88 1.76 0.00	22.23 2.02 0.00	22.86 1.91 0.00	23.45 1.84 0.00	21.10 1.16 0.00	22.03 1.34 0.00	21.72 1.11 0.00	22.35 1.20 0.00	22.79 1.27 0.00	22.91 1.23 0.00	23.45 1.26 0.00	26.43 1.61 0.00	30.69 2.54 0.00	33.16 3.84 0.00	33.48 3.96 0.00	32.85 3.83 0.00	28.99 3.22 0.00	25.82 2.72 0.00	23.21 2.20 0.00
G.F.CEMENT___DRP 24184	20.29 1.29 0.00	18.96 1.22 0.00	17.23 1.08 0.00	16.61 1.01 0.00	16.53 0.99 0.00	18.25 1.13 0.00	21.56 1.35 0.00	22.30 1.34 0.00	23.02 1.40 0.00	21.08 1.14 0.00	21.95 1.26 0.00	21.84 1.24 0.00	22.42 1.27 0.00	22.84 1.31 0.00	22.97 1.30 0.00	23.58 1.40 0.00	26.56 1.74 0.00	30.16 2.00 0.00	31.81 2.49 0.00	31.83 2.30 0.00	31.40 2.38 0.00	27.76 1.98 0.00	24.85 1.76 0.00	22.41 1.41 0.00
GARDENVILLE___LBMP 24039	19.08 0.08 0.00	17.60 -0.14 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.37 0.26 0.00	20.23 0.02 0.00	20.81 -0.15 0.00	21.46 -0.15 0.00	20.16 0.22 0.00	20.85 0.17 0.00	20.77 0.16 0.00	21.25 0.11 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.14 -0.04 0.00	24.74 -0.07 0.00	27.59 -0.56 0.00	28.94 -0.38 0.00	29.26 -0.27 0.00	28.44 -0.58 0.00	25.70 -0.08 0.00	23.16 0.07 0.00	21.15 0.15 0.00
GARDNVLA_35_KV_LD 355827	19.17 0.17 0.00	17.69 -0.05 0.00	16.21 0.06 0.00	15.64 0.05 0.00	15.61 0.08 0.00	17.46 0.34 0.00	20.31 0.10 0.00	20.89 -0.06 0.00	21.55 -0.06 0.00	20.24 0.30 0.00	20.95 0.27 0.00	20.89 0.29 0.00	21.36 0.21 0.00	21.59 0.06 0.00	21.78 0.11 0.00	22.27 0.09 0.00	24.89 0.07 0.00	27.76 -0.39 0.00	29.09 -0.23 0.00	29.41 -0.12 0.00	28.59 -0.44 0.00	25.82 0.05 0.00	23.28 0.18 0.00	21.27 0.27 0.00
GELCKHM___115KV_LOAD 80723	18.94 -0.06 0.00	17.63 -0.11 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.43 -0.11 0.00	17.08 -0.03 0.00	20.15 -0.06 0.00	20.85 -0.10 0.00	21.46 -0.15 0.00	19.88 -0.06 0.00	20.60 -0.08 0.00	20.46 -0.14 0.00	21.00 -0.15 0.00	21.33 -0.19 0.00	21.48 -0.20 0.00	22.00 -0.20 -0.02	24.89 -0.20 -0.27	28.50 -0.28 -0.62	29.86 -0.21 -0.74	30.11 -0.18 -0.77	29.50 -0.23 -0.71	25.99 -0.15 -0.38	22.95 -0.14 0.00	20.96 -0.04 0.00
GENERAL___MILLS 23808	19.13 0.13 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.58 0.05 0.00	17.43 0.31 0.00	20.27 0.06 0.00	20.85 -0.10 0.00	21.53 -0.09 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.83 0.23 0.00	21.32 0.17 0.00	21.55 0.02 0.00	21.72 0.04 0.00	22.21 0.02 0.00	24.82 0.00 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.53 -0.49 0.00	25.77 0.00 0.00	23.21 0.12 0.00	21.21 0.21 0.00
GE_PLASTICS___DRP 24183	19.44 0.44 0.00	18.29 0.55 0.00	16.66 0.52 0.00	16.06 0.47 0.00	15.99 0.45 0.00	17.51 0.39 0.00	20.67 0.46 0.00	21.40 0.44 0.00	22.09 0.48 0.00	20.30 0.36 0.00	21.10 0.41 0.00	21.06 0.45 0.00	21.61 0.47 0.00	22.04 0.52 0.00	22.17 0.50 0.00	22.72 0.53 0.00	25.46 0.65 0.00	28.97 0.82 0.00	30.35 1.03 0.00	30.53 1.00 0.00	29.92 0.90 0.00	26.47 0.70 0.00	23.62 0.53 0.00	21.38 0.38 0.00
GILBOA___1 23756	19.46 0.46 0.00	18.16 0.43 0.00	16.48 0.34 0.00	15.94 0.34 0.00	15.86 0.33 0.00	17.49 0.38 0.00	20.65 0.44 0.00	21.44 0.48 0.00	22.15 0.54 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.12 0.52 0.00	21.74 0.59 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.85 0.66 0.00	25.69 0.87 0.00	29.14 0.99 0.00	30.46 1.14 0.00	30.65 1.12 0.00	30.01 0.99 0.00	26.57 0.80 0.00	23.67 0.58 0.00	21.44 0.44 0.00
GILBOA___2 23757	19.46 0.46 0.00	18.16 0.43 0.00	16.48 0.34 0.00	15.94 0.34 0.00	15.86 0.33 0.00	17.49 0.38 0.00	20.65 0.44 0.00	21.44 0.48 0.00	22.15 0.54 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.12 0.52 0.00	21.74 0.59 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.85 0.66 0.00	25.69 0.87 0.00	29.14 0.99 0.00	30.46 1.14 0.00	30.65 1.12 0.00	30.01 0.99 0.00	26.57 0.80 0.00	23.67 0.58 0.00	21.44 0.44 0.00

GILBOA___3 23758	19.46 0.46 0.00	18.16 0.43 0.00	16.48 0.34 0.00	15.94 0.34 0.00	15.86 0.33 0.00	17.49 0.38 0.00	20.65 0.44 0.00	21.44 0.48 0.00	22.15 0.54 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.12 0.52 0.00	21.74 0.59 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.85 0.66 0.00	25.69 0.87 0.00	29.14 0.99 0.00	30.46 1.14 0.00	30.65 1.12 0.00	30.01 0.99 0.00	26.57 0.80 0.00	23.67 0.58 0.00	21.44 0.44 0.00
GILBOA___4 23759	19.46 0.46 0.00	18.16 0.43 0.00	16.48 0.34 0.00	15.94 0.34 0.00	15.86 0.33 0.00	17.49 0.38 0.00	20.65 0.44 0.00	21.44 0.48 0.00	22.15 0.54 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.12 0.52 0.00	21.74 0.59 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.85 0.66 0.00	25.69 0.87 0.00	29.14 0.99 0.00	30.46 1.14 0.00	30.65 1.12 0.00	30.01 0.99 0.00	26.57 0.80 0.00	23.67 0.58 0.00	21.44 0.44 0.00
GILBOA___ 23599	19.46 0.46 0.00	18.16 0.43 0.00	16.53 0.39 0.00	15.94 0.34 0.00	15.86 0.33 0.00	17.48 0.36 0.00	20.65 0.44 0.00	21.44 0.48 0.00	22.15 0.54 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.18 0.58 0.00	21.74 0.59 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.85 0.67 0.00	25.69 0.87 0.00	29.14 0.99 0.00	30.46 1.14 0.00	30.65 1.12 0.00	30.01 0.99 0.00	26.57 0.80 0.00	23.67 0.58 0.00	21.44 0.44 0.00
GINNA___ 23603	18.09 -0.91 0.00	16.76 -0.98 0.00	15.29 -0.86 0.00	14.77 -0.83 0.00	14.73 -0.81 0.00	16.33 -0.79 0.00	19.22 -0.99 0.00	19.93 -1.03 0.00	20.56 -1.06 0.00	19.12 -0.82 0.00	19.71 -0.97 0.00	19.72 -0.89 0.00	20.07 -1.08 0.00	20.34 -1.18 0.00	20.50 -1.17 0.00	21.03 -1.15 0.00	23.53 -1.29 0.00	26.52 -1.63 0.00	27.68 -1.64 0.00	27.93 -1.59 0.00	27.34 -1.68 0.00	24.51 -1.26 0.00	22.01 -1.08 0.00	19.99 -1.01 0.00
GLEN PARK___ 23778	19.38 0.38 0.00	18.07 0.34 0.00	16.48 0.34 0.00	15.92 0.33 0.00	15.88 0.34 0.00	17.60 0.48 0.00	20.89 0.69 0.00	21.63 0.67 0.00	22.13 0.52 0.00	20.44 0.50 0.00	21.06 0.37 0.00	21.02 0.41 0.00	21.51 0.36 0.00	21.78 0.26 0.00	21.78 0.11 0.00	22.34 0.13 -0.02	25.24 0.05 -0.37	29.13 0.14 -0.84	30.79 0.47 -1.00	31.32 0.77 -1.03	30.78 0.81 -0.95	27.05 0.77 -0.51	23.76 0.67 0.00	21.53 0.53 0.00
GLENDALE_27_KV_LOAD 356172	20.32 1.31 -0.01	18.82 1.08 0.00	17.05 0.90 0.00	16.39 0.80 0.00	16.31 0.78 0.00	17.97 0.86 0.00	21.36 1.15 0.00	22.36 1.40 0.00	23.28 1.66 0.00	21.36 1.42 0.00	22.30 1.61 0.00	22.40 1.79 0.00	23.03 1.88 0.00	23.53 2.00 0.00	23.76 2.08 -0.01	24.27 2.09 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.69 2.67 0.00	27.89 2.11 0.00	24.69 1.59 0.00	22.32 1.32 0.00
GLENWOOD_IC_1_G5 23712	20.43 1.41 -0.03	19.00 1.24 -0.02	17.20 1.03 -0.02	16.42 0.83 0.00	16.34 0.81 0.00	18.05 0.92 -0.01	21.38 1.17 0.00	22.36 1.40 0.00	23.28 1.66 0.00	21.38 1.44 0.00	22.32 1.63 0.00	28.17 1.83 -5.73	27.87 1.90 -4.82	28.85 2.02 -5.30	31.89 2.08 -8.14	37.35 2.11 -13.06	39.17 2.43 -11.92	47.43 2.73 -16.54	50.20 2.96 -17.92	38.78 2.89 -6.37	45.26 2.76 -13.48	37.89 2.24 -9.88	24.82 1.73 0.00	22.59 1.43 -0.16
GLENWOOD_IC_2_G1 23688	20.26 1.25 0.00	18.86 1.12 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.99 0.87 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	27.88 1.55 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.72 1.91 -8.14	37.17 1.93 -13.06	39.12 2.38 -11.92	47.37 2.68 -16.54	50.14 2.90 -17.92	38.73 2.83 -6.37	45.02 2.52 -13.48	37.71 2.06 -9.88	24.66 1.57 0.00	22.40 1.28 -0.12
GLENWOOD_IC_3_G1 23689	20.26 1.25 0.00	18.86 1.12 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.99 0.87 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	27.88 1.55 -5.73	27.70 1.73 -4.82	28.67 1.85 -5.29	31.72 1.91 -8.14	37.17 1.93 -13.06	39.12 2.38 -11.92	47.37 2.68 -16.54	50.14 2.90 -17.92	38.73 2.83 -6.37	45.02 2.52 -13.48	37.71 2.06 -9.88	24.66 1.57 0.00	22.40 1.28 -0.12
GLENWOOD___4 23550	20.43 1.41 -0.03	19.00 1.24 -0.02	17.20 1.03 -0.02	16.42 0.83 0.00	16.34 0.81 0.00	18.05 0.92 -0.01	21.38 1.17 0.00	22.36 1.40 0.00	23.28 1.66 0.00	21.38 1.44 0.00	22.32 1.63 0.00	28.17 1.83 -5.73	27.87 1.90 -4.82	28.85 2.02 -5.30	31.89 2.08 -8.14	37.35 2.11 -13.06	39.22 2.48 -11.92	47.51 2.82 -16.54	50.29 3.05 -17.92	38.84 2.95 -6.37	45.26 2.76 -13.48	37.89 2.24 -9.88	24.82 1.73 0.00	22.59 1.43 -0.16
GLENWOOD___5 23614	20.43 1.41 -0.03	19.00 1.24 -0.02	17.20 1.03 -0.02	16.42 0.83 0.00	16.34 0.81 0.00	18.05 0.92 -0.01	21.38 1.17 0.00	22.36 1.40 0.00	23.28 1.66 0.00	21.38 1.44 0.00	22.32 1.63 0.00	28.17 1.83 -5.73	27.87 1.90 -4.82	28.85 2.02 -5.30	31.89 2.08 -8.14	37.35 2.11 -13.06	39.22 2.48 -11.92	47.51 2.82 -16.54	50.29 3.05 -17.92	38.84 2.95 -6.37	45.26 2.76 -13.48	37.89 2.24 -9.88	24.82 1.73 0.00	22.59 1.43 -0.16
GLOBAL GREEN_PORT_GT1 23814	25.68 2.17 -4.51	26.16 1.90 -6.52	25.51 1.40 -7.96	19.03 1.31 -2.13	19.04 1.34 -2.17	20.53 1.59 -1.83	22.34 2.04 -0.09	23.30 2.35 0.00	24.49 2.77 -0.11	22.54 2.49 -0.11	23.44 2.75 0.00	29.35 2.91 -5.84	29.17 3.09 -4.94	31.57 3.17 -6.88	33.15 3.23 -8.25	38.66 3.42 -13.06	44.81 4.09 -15.90	49.45 4.64 -16.65	87.56 4.90 -53.34	43.03 4.90 -8.60	46.90 4.29 -13.58	39.44 3.69 -9.98	26.00 2.91 0.00	30.20 2.39 -6.80
GLOBE___DSASP 323697	18.39 -0.61 0.00	16.98 -0.76 0.00	15.56 -0.58 0.00	15.02 -0.58 0.00	14.99 -0.54 0.00	16.74 -0.38 0.00	19.44 -0.77 0.00	19.95 -1.01 0.00	20.56 -1.04 0.02	19.32 -0.60 0.02	20.00 -0.66 0.02	19.88 -0.70 0.02	20.35 -0.78 0.02	20.53 -0.97 0.02	20.70 -0.95 0.02	21.19 -0.98 0.02	23.63 -1.19 0.00	26.36 -1.80 0.00	27.62 -1.70 0.00	27.93 -1.59 0.00	27.19 -1.83 0.00	24.59 -1.19 0.00	22.21 -0.88 0.00	20.33 -0.67 0.00
GOETHSLN___LBMP 323567	20.05 1.05 0.00	18.64 0.90 0.00	16.89 0.74 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.85 0.74 0.00	21.22 1.01 0.00	22.17 1.22 0.00	23.04 1.43 0.00	21.16 1.22 0.00	22.07 1.39 0.00	22.17 1.57 0.00	22.80 1.65 0.00	23.27 1.74 0.00	23.49 1.82 0.00	24.03 1.84 0.00	27.10 2.28 0.00	30.72 2.56 0.00	32.08 2.76 0.00	32.18 2.66 0.00	31.34 2.32 0.00	27.60 1.83 0.00	24.43 1.34 0.00	22.05 1.05 0.00
GOLAH___69_KV_TB 1_2 80279	19.06 0.06 0.00	17.63 -0.11 0.00	16.11 -0.03 0.00	15.55 -0.05 0.00	15.49 -0.05 0.00	17.29 0.17 0.00	20.25 0.04 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	20.12 0.18 0.00	20.75 0.06 0.00	20.69 0.08 0.00	21.11 -0.04 0.00	21.37 -0.15 0.00	21.56 -0.11 0.00	22.12 -0.07 0.00	24.69 -0.12 0.00	27.74 -0.42 0.00	29.03 -0.29 0.00	29.32 -0.21 0.00	28.67 -0.35 0.00	25.80 0.03 0.00	23.18 0.09 0.00	21.15 0.15 0.00

GOODYEAR_LAKE_HYD 323669	19.68 0.68 0.00	18.36 0.62 0.00	16.69 0.55 0.00	16.09 0.50 0.00	16.02 0.48 0.00	17.75 0.63 0.00	20.99 0.79 0.00	21.84 0.88 0.00	22.52 0.91 0.00	20.78 0.84 0.00	21.57 0.89 0.00	21.57 0.97 0.00	22.14 0.99 0.00	22.54 1.01 0.00	22.69 1.02 0.00	23.23 1.04 0.00	26.08 1.27 0.00	29.59 1.44 0.00	30.96 1.64 0.00	31.15 1.62 0.00	30.47 1.45 0.00	27.01 1.24 0.00	24.06 0.97 0.00	21.78 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.29 0.29 0.00	17.93 0.20 0.00	16.34 0.19 0.00	15.75 0.16 0.00	15.71 0.17 0.00	17.41 0.29 0.00	20.53 0.32 0.00	21.27 0.31 0.00	21.92 0.30 0.00	20.30 0.36 0.00	21.04 0.35 0.00	20.98 0.37 0.00	21.53 0.38 0.00	21.87 0.34 0.00	22.02 0.35 0.00	22.55 0.35 -0.01	25.40 0.42 -0.16	28.91 0.39 -0.35	30.27 0.53 -0.43	30.52 0.56 -0.44	29.86 0.44 -0.40	26.45 0.46 -0.22	23.46 0.37 0.00	21.34 0.34 0.00
GOUDEY___7 23579	19.30 0.30 0.00	17.95 0.21 0.00	16.35 0.21 0.00	15.76 0.17 0.00	15.72 0.19 0.00	17.43 0.31 0.00	20.55 0.34 0.00	21.29 0.34 0.00	21.94 0.32 0.00	20.32 0.38 0.00	21.06 0.37 0.00	21.02 0.41 0.00	21.55 0.40 0.00	21.89 0.37 0.00	22.04 0.37 0.00	22.57 0.38 -0.01	25.42 0.45 -0.16	28.93 0.42 -0.35	30.30 0.56 -0.43	30.55 0.59 -0.44	29.89 0.46 -0.40	26.48 0.49 -0.22	23.48 0.39 0.00	21.36 0.36 0.00
GOUDEY___8 23580	19.29 0.29 0.00	17.93 0.20 0.00	16.34 0.19 0.00	15.75 0.16 0.00	15.71 0.17 0.00	17.41 0.29 0.00	20.53 0.32 0.00	21.27 0.31 0.00	21.92 0.30 0.00	20.30 0.36 0.00	21.04 0.35 0.00	20.98 0.37 0.00	21.53 0.38 0.00	21.87 0.34 0.00	22.02 0.35 0.00	22.55 0.35 -0.01	25.40 0.42 -0.16	28.91 0.39 -0.35	30.27 0.53 -0.43	30.52 0.56 -0.44	29.86 0.44 -0.40	26.45 0.46 -0.22	23.46 0.37 0.00	21.34 0.34 0.00
GOWANUS_GT1_1 24077	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_2 24078	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_3 24079	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_4 24080	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_5 24084	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_6 24111	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_7 24112	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT1_8 24113	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT2_1 24114	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_2 24115	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_3 24116	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00

GOWANUS_GT2_4 24117	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_5 24118	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_6 24119	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_7 24120	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT2_8 24121	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_1 24122	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_2 24123	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_3 24124	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_4 24125	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_5 24126	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_6 24127	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_7 24128	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT3_8 24129	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
GOWANUS_GT4_1 24130	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_2 24131	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00

GOWANUS_GT4_3 24132	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_4 24133	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_5 24134	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_6 24135	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_7 24136	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GOWANUS_GT4_8 24137	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GREENBSH_115KV_TB3 55895	19.44 0.44 0.00	18.39 0.66 0.00	16.77 0.63 0.00	16.15 0.56 0.00	16.08 0.54 0.00	17.56 0.45 0.00	20.71 0.51 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.24 0.30 0.00	21.06 0.37 0.00	21.02 0.41 0.00	21.59 0.44 0.00	22.02 0.50 0.00	22.15 0.48 0.00	22.67 0.49 0.00	25.41 0.60 0.00	28.95 0.79 0.00	30.38 1.06 0.00	30.56 1.03 0.00	29.92 0.90 0.00	26.44 0.67 0.00	23.65 0.55 0.00	21.38 0.38 0.00
GREENEDGE_115KV_TB5 80291	19.30 0.30 0.00	17.86 0.12 0.00	16.29 0.15 0.00	15.70 0.11 0.00	15.69 0.16 0.00	17.49 0.38 0.00	20.63 0.42 0.00	21.35 0.40 0.00	21.92 0.30 0.00	20.42 0.48 0.00	21.10 0.41 0.00	21.00 0.39 0.00	21.53 0.38 0.00	21.78 0.26 0.00	21.93 0.26 0.00	22.46 0.27 -0.01	25.30 0.37 -0.11	28.70 0.28 -0.26	30.10 0.47 -0.31	30.40 0.56 -0.32	29.72 0.41 -0.29	26.50 0.57 -0.16	23.60 0.51 0.00	21.40 0.40 0.00
GREENIDGE___3 23582	19.30 0.30 0.00	17.86 0.12 0.00	16.29 0.15 0.00	15.70 0.11 0.00	15.69 0.16 0.00	17.49 0.38 0.00	20.63 0.42 0.00	21.35 0.40 0.00	21.92 0.30 0.00	20.42 0.48 0.00	21.10 0.41 0.00	21.00 0.39 0.00	21.53 0.38 0.00	21.78 0.26 0.00	21.93 0.26 0.00	22.46 0.27 -0.01	25.30 0.37 -0.11	28.70 0.28 -0.26	30.10 0.47 -0.31	30.40 0.56 -0.32	29.72 0.41 -0.29	26.50 0.57 -0.16	23.60 0.51 0.00	21.40 0.40 0.00
GREENIDGE___4 23583	19.30 0.30 0.00	17.86 0.13 0.00	16.27 0.13 0.00	15.70 0.11 0.00	15.69 0.16 0.00	17.46 0.34 0.00	20.61 0.40 0.00	21.35 0.40 0.00	21.98 0.37 0.00	20.42 0.48 0.00	21.08 0.39 0.00	21.04 0.43 0.00	21.53 0.38 0.00	21.78 0.26 0.00	21.93 0.26 0.00	22.46 0.27 -0.01	25.31 0.37 -0.11	28.70 0.28 -0.26	30.10 0.47 -0.31	30.40 0.56 -0.32	29.72 0.41 -0.29	26.50 0.57 -0.16	23.60 0.51 0.00	21.40 0.40 0.00
GREENLWN_69_KV_BK 3 55738	20.32 1.69 0.37	18.56 1.53 0.71	16.62 1.31 0.83	16.28 0.97 0.28	16.21 0.93 0.26	18.06 1.10 0.15	21.41 1.21 0.01	22.42 1.47 0.00	23.46 1.86 0.01	21.52 1.60 0.01	22.42 1.74 0.00	28.34 2.02 -5.71	28.07 2.11 -4.81	28.90 2.22 -5.16	32.01 2.21 -8.12	37.31 2.06 -13.06	38.93 2.71 -11.40	47.81 3.13 -16.53	46.03 3.43 -13.28	38.93 3.34 -6.07	45.33 2.84 -13.46	37.90 2.27 -9.86	25.01 1.92 0.00	22.29 1.72 0.43
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00
GRISSOM___SOLAR 323813	20.96 1.96 0.00	19.55 1.81 0.00	17.65 1.50 0.00	17.04 1.45 0.00	16.96 1.43 0.00	18.88 1.76 0.00	22.23 2.02 0.00	22.86 1.91 0.00	23.45 1.84 0.00	21.10 1.16 0.00	22.03 1.34 0.00	21.72 1.11 0.00	22.35 1.20 0.00	22.79 1.27 0.00	22.91 1.23 0.00	23.45 1.26 0.00	26.43 1.61 0.00	30.69 2.54 0.00	33.16 3.84 0.00	33.48 3.96 0.00	32.85 3.83 0.00	28.99 3.22 0.00	25.82 2.72 0.00	23.21 2.20 0.00
GROVEVILLE___HYD 323602	20.06 1.06 0.00	18.68 0.94 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.20 0.99 0.00	22.07 1.11 0.00	22.91 1.30 0.00	21.00 1.06 0.00	21.90 1.22 0.00	21.92 1.32 0.00	22.56 1.42 0.00	23.03 1.51 0.00	23.23 1.56 0.00	23.76 1.58 0.00	26.85 2.04 0.00	30.44 2.28 0.00	31.87 2.55 0.00	32.03 2.51 0.00	31.29 2.26 0.00	27.60 1.83 0.00	24.48 1.39 0.00	22.09 1.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00

HAMLTNNY_34_KV_TB 80303	19.10 0.10 0.00	17.77 0.04 0.00	16.16 0.02 0.00	15.59 0.00 0.00	15.55 0.02 0.00	17.24 0.12 0.00	20.33 0.12 0.00	21.04 0.08 0.00	21.66 0.04 0.00	20.08 0.14 0.00	20.79 0.10 0.00	20.67 0.06 0.00	21.19 0.04 0.00	21.50 -0.02 0.00	21.67 0.00 0.00	22.19 -0.02 -0.03	25.28 0.02 -0.44	29.12 -0.03 -0.99	30.57 0.06 -1.19	30.87 0.12 -1.23	30.18 0.03 -1.13	26.48 0.10 -0.60	23.18 0.09 0.00	21.13 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	18.89 -0.11 0.00	17.65 -0.09 0.00	16.26 0.11 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.13 0.02 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.36 -0.01	24.42 -0.55 -0.14	27.95 -0.54 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.16 0.07 0.00	20.98 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	19.32 0.32 0.00	18.06 0.32 0.00	16.40 0.26 0.00	15.84 0.25 0.00	15.80 0.26 0.00	17.44 0.32 0.00	20.61 0.40 0.00	21.40 0.44 0.00	22.05 0.43 0.00	20.32 0.38 0.00	21.08 0.39 0.00	21.02 0.41 0.00	21.57 0.42 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.61 0.42 0.00	25.27 0.45 0.00	28.72 0.56 0.00	30.00 0.67 0.00	30.17 0.65 0.00	29.60 0.58 0.00	26.29 0.52 0.00	23.55 0.46 0.00	21.40 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.95 0.95 0.00	18.55 0.82 0.00	16.82 0.68 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.78 0.67 0.00	21.08 0.87 0.00	21.96 1.01 0.00	22.80 1.19 0.00	20.94 1.00 0.00	21.82 1.14 0.00	21.86 1.26 0.00	22.50 1.35 0.00	22.97 1.44 0.00	23.17 1.50 0.00	23.72 1.53 0.00	26.75 1.94 0.00	30.33 2.17 0.00	31.70 2.38 0.00	31.86 2.33 0.00	31.11 2.09 0.00	27.47 1.70 0.00	24.34 1.25 0.00	21.97 0.97 0.00
HARSNRAD_115KV_TB1 81005	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.19 0.07 0.00	19.94 -0.26 0.00	20.52 -0.44 0.00	21.14 -0.48 0.00	19.86 -0.08 0.00	20.54 -0.14 0.00	20.44 -0.16 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.26 -0.41 0.00	21.78 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.44 -0.88 0.00	28.76 -0.77 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
HARZA MOOSE___RIVER 24016	19.42 0.42 0.00	18.13 0.39 0.00	16.50 0.36 0.00	15.95 0.36 0.00	15.89 0.36 0.00	17.60 0.48 0.00	20.83 0.63 0.00	21.61 0.65 0.00	22.18 0.56 0.00	20.48 0.54 0.00	21.18 0.50 0.00	21.12 0.52 0.00	21.66 0.51 0.00	22.00 0.47 0.00	22.08 0.41 0.00	22.61 0.42 -0.01	25.38 0.45 -0.12	29.01 0.59 -0.27	30.40 0.76 -0.32	30.71 0.86 -0.33	30.17 0.84 -0.30	26.73 0.80 -0.16	23.76 0.67 0.00	21.53 0.53 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.96 -0.04 0.00	17.63 -0.11 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.44 -0.09 0.00	17.08 -0.03 0.00	20.15 -0.06 0.00	20.87 -0.08 0.00	21.48 -0.13 0.00	19.92 -0.02 0.00	20.62 -0.06 0.00	20.50 -0.10 0.00	21.02 -0.13 0.00	21.35 -0.17 0.00	21.50 -0.17 0.00	22.02 -0.18 -0.01	24.87 -0.17 -0.22	28.41 -0.25 -0.50	29.75 -0.18 -0.60	30.00 -0.15 -0.62	29.36 -0.23 -0.57	25.92 -0.15 -0.30	22.95 -0.14 0.00	20.96 -0.04 0.00
HELLGATE_13_KV_LD 55870	20.24 1.24 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.29 1.69 0.00	22.92 1.78 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.24 1.24 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.29 1.69 0.00	22.92 1.78 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.24 1.24 0.00
HEMPSTEAD____ 23647	20.46 1.43 -0.03	19.02 1.26 -0.02	17.00 0.84 -0.02	16.36 0.76 0.00	16.30 0.76 0.00	18.03 0.91 -0.01	21.32 1.11 0.00	22.32 1.36 0.00	23.24 1.62 0.00	21.36 1.42 0.00	22.34 1.66 0.00	28.00 1.67 -5.73	27.85 1.88 -4.82	28.81 1.98 -5.30	31.85 2.04 -8.14	37.33 2.08 -13.06	39.27 2.53 -11.92	47.54 2.84 -16.54	50.29 3.05 -17.92	38.87 2.98 -6.37	45.20 2.70 -13.48	37.87 2.22 -9.88	24.85 1.75 0.00	22.63 1.47 -0.16
HEWLETT_69_KV_BK3 55828	20.63 1.63 0.00	19.19 1.45 0.00	17.39 1.24 0.00	16.51 0.92 0.00	16.42 0.89 0.00	18.16 1.04 0.00	21.48 1.27 0.00	22.49 1.53 0.00	23.45 1.84 0.00	21.52 1.58 0.00	22.42 1.74 0.00	28.29 1.96 -5.73	28.00 2.03 -4.82	28.97 2.15 -5.29	32.04 2.23 -8.14	37.53 2.29 -13.06	39.57 2.83 -11.92	47.77 3.07 -16.54	50.58 3.34 -17.92	39.17 3.28 -6.37	45.52 3.02 -13.48	38.17 2.53 -9.88	25.10 2.01 0.00	22.80 1.68 -0.12
HICKLING___1 23621	19.30 0.30 0.00	17.86 0.12 0.00	16.32 0.18 0.00	15.72 0.12 0.00	15.71 0.17 0.00	17.53 0.41 0.00	20.61 0.40 0.00	21.31 0.36 0.00	21.92 0.30 0.00	20.42 0.48 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.61 0.47 0.00	21.89 0.37 0.00	22.02 0.35 0.00	22.55 0.35 -0.01	25.46 0.52 -0.12	28.81 0.39 -0.26	30.19 0.56 -0.31	30.50 0.65 -0.32	29.76 0.44 -0.30	26.55 0.62 -0.16	23.65 0.55 0.00	21.46 0.46 0.00
HICKLING___2 23622	19.30 0.30 0.00	17.86 0.12 0.00	16.32 0.18 0.00	15.72 0.12 0.00	15.71 0.17 0.00	17.53 0.41 0.00	20.61 0.40 0.00	21.31 0.36 0.00	21.92 0.30 0.00	20.42 0.48 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.61 0.47 0.00	21.89 0.37 0.00	22.02 0.35 0.00	22.55 0.35 -0.01	25.46 0.52 -0.12	28.81 0.39 -0.26	30.19 0.56 -0.31	30.50 0.65 -0.32	29.76 0.44 -0.30	26.55 0.62 -0.16	23.65 0.55 0.00	21.46 0.46 0.00
HIGH FALLS___HY 23754	19.95 0.95 0.00	18.45 0.71 0.00	16.73 0.58 0.00	16.09 0.50 0.00	16.03 0.50 0.00	17.73 0.62 0.00	21.01 0.81 0.00	21.92 0.96 0.00	22.80 1.19 0.00	20.92 0.98 0.00	21.82 1.14 0.00	21.86 1.26 0.00	22.48 1.33 0.00	22.94 1.42 0.00	23.19 1.52 0.00	23.72 1.53 0.00	26.83 2.01 0.00	30.38 2.22 0.00	31.75 2.43 0.00	31.92 2.39 0.00	31.14 2.12 0.00	27.50 1.73 0.00	24.32 1.22 0.00	21.99 0.99 0.00
HIGH_RIVER___SOLAR 323847	19.74 0.74 0.00	18.43 0.69 0.00	16.74 0.60 0.00	16.14 0.55 0.00	16.08 0.54 0.00	17.73 0.62 0.00	20.93 0.73 0.00	21.69 0.73 0.00	22.35 0.73 0.00	20.48 0.54 0.00	21.30 0.62 0.00	21.22 0.62 0.00	21.80 0.66 0.00	22.23 0.71 0.00	22.36 0.69 0.00	22.92 0.73 0.00	25.74 0.92 0.00	29.34 1.18 0.00	30.88 1.55 0.00	31.09 1.56 0.00	30.50 1.48 0.00	26.98 1.21 0.00	24.09 0.99 0.00	21.80 0.80 0.00

HILLBURN___GT 23639	19.95 0.95 0.00	18.56 0.82 0.00	16.77 0.63 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.82 0.70 0.00	21.09 0.89 0.00	22.02 1.07 0.00	22.82 1.21 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.82 1.22 0.00	22.54 1.40 0.00	23.03 1.51 0.00	23.23 1.56 0.00	23.78 1.60 0.00	26.83 2.01 0.00	30.41 2.25 0.00	31.75 2.43 0.00	31.89 2.36 0.00	31.11 2.09 0.00	27.47 1.70 0.00	24.32 1.22 0.00	21.97 0.97 0.00
HILLSIDE_115KV_TB1 80332	19.02 0.02 0.00	17.61 -0.12 0.00	16.10 -0.05 0.00	15.51 -0.08 0.00	15.49 -0.05 0.00	17.25 0.14 0.00	20.29 0.08 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.10 0.16 0.00	20.81 0.12 0.00	20.77 0.16 0.00	21.27 0.13 0.00	21.57 0.04 0.00	21.71 0.04 0.00	22.24 0.04 -0.01	25.11 0.17 -0.12	28.46 0.03 -0.27	29.80 0.15 -0.33	30.07 0.21 -0.34	29.36 0.03 -0.31	26.14 0.21 -0.17	23.25 0.16 0.00	21.15 0.15 0.00
HISHELDN_WT_PWR 323625	19.08 0.08 0.00	17.60 -0.14 0.00	16.11 -0.03 0.00	15.56 -0.03 0.00	15.53 0.00 0.00	17.27 0.15 0.00	20.23 0.02 0.00	20.85 -0.10 0.00	21.59 -0.02 0.00	20.14 0.20 0.00	20.81 0.12 0.00	20.79 0.19 0.00	21.23 0.08 0.00	21.48 -0.04 0.00	21.63 -0.04 0.00	22.14 -0.04 0.00	24.74 -0.07 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.56 -0.47 0.00	25.75 -0.03 0.00	23.16 0.07 0.00	21.15 0.15 0.00
HOLTSVILLE_IC_1 23690	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.26 2.18 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
HOLTSVILLE_IC_10 23699	25.16 1.81 -4.35	25.61 1.58 -6.29	24.91 1.10 -7.67	18.62 0.98 -2.05	18.60 0.98 -2.09	20.06 1.18 -1.76	21.83 1.53 -0.09	22.76 1.80 0.00	23.81 2.10 -0.10	21.90 1.85 -0.10	22.69 2.01 0.00	28.52 2.08 -5.84	28.40 2.33 -4.93	30.69 2.35 -6.82	32.33 2.41 -8.25	37.79 2.55 -13.06	43.67 3.10 -15.75	48.23 3.43 -16.64	84.95 3.64 -51.99	41.64 3.60 -8.52	45.85 3.25 -13.58	38.51 2.76 -9.98	25.40 2.31 0.00	29.46 1.89 -6.57
HOLTSVILLE_IC_2 23691	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.26 2.18 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
HOLTSVILLE_IC_3 23692	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.26 2.18 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
HOLTSVILLE_IC_4 23693	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.26 2.18 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
HOLTSVILLE_IC_5 23694	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.26 2.18 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
HOLTSVILLE_IC_6 23695	25.16 1.81 -4.35	25.61 1.58 -6.29	24.91 1.10 -7.67	18.62 0.98 -2.05	18.60 0.98 -2.09	20.06 1.18 -1.76	21.83 1.53 -0.09	22.76 1.80 0.00	23.81 2.10 -0.10	21.90 1.85 -0.10	22.69 2.01 0.00	28.52 2.08 -5.84	28.40 2.33 -4.93	30.69 2.35 -6.82	32.33 2.41 -8.25	37.79 2.55 -13.06	43.67 3.10 -15.75	48.23 3.43 -16.64	84.95 3.64 -51.99	41.64 3.60 -8.52	45.85 3.25 -13.58	38.51 2.76 -9.98	25.40 2.31 0.00	29.46 1.89 -6.57
HOLTSVILLE_IC_7 23696	25.16 1.81 -4.35	25.61 1.58 -6.29	24.91 1.10 -7.67	18.62 0.98 -2.05	18.60 0.98 -2.09	20.06 1.18 -1.76	21.83 1.53 -0.09	22.76 1.80 0.00	23.81 2.10 -0.10	21.90 1.85 -0.10	22.69 2.01 0.00	28.52 2.08 -5.84	28.40 2.33 -4.93	30.69 2.35 -6.82	32.33 2.41 -8.25	37.79 2.55 -13.06	43.67 3.10 -15.75	48.23 3.43 -16.64	84.95 3.64 -51.99	41.64 3.60 -8.52	45.85 3.25 -13.58	38.51 2.76 -9.98	25.40 2.31 0.00	29.46 1.89 -6.57
HOLTSVILLE_IC_8 23697	25.16 1.81 -4.35	25.61 1.58 -6.29	24.91 1.10 -7.67	18.62 0.98 -2.05	18.60 0.98 -2.09	20.06 1.18 -1.76	21.83 1.53 -0.09	22.76 1.80 0.00	23.81 2.10 -0.10	21.90 1.85 -0.10	22.69 2.01 0.00	28.52 2.08 -5.84	28.40 2.33 -4.93	30.69 2.35 -6.82	32.33 2.41 -8.25	37.79 2.55 -13.06	43.67 3.10 -15.75	48.23 3.43 -16.64	84.95 3.64 -51.99	41.64 3.60 -8.52	45.85 3.25 -13.58	38.51 2.76 -9.98	25.40 2.31 0.00	29.46 1.89 -6.57
HOLTSVILLE_IC_9 23698	25.16 1.81 -4.35	25.61 1.58 -6.29	24.91 1.10 -7.67	18.62 0.98 -2.05	18.60 0.98 -2.09	20.06 1.18 -1.76	21.83 1.53 -0.09	22.76 1.80 0.00	23.81 2.10 -0.10	21.90 1.85 -0.10	22.69 2.01 0.00	28.52 2.08 -5.84	28.40 2.33 -4.93	30.69 2.35 -6.82	32.33 2.41 -8.25	37.79 2.55 -13.06	43.67 3.10 -15.75	48.23 3.43 -16.64	84.95 3.64 -51.99	41.64 3.60 -8.52	45.85 3.25 -13.58	38.51 2.76 -9.98	25.40 2.31 0.00	29.46 1.89 -6.57
HOMER_HL_115KV_TB2 355744	19.15 0.15 0.00	17.70 -0.04 0.00	16.23 0.08 0.00	15.65 0.06 0.00	15.63 0.09 0.00	17.48 0.36 0.00	20.45 0.24 0.00	21.02 0.06 0.00	21.68 0.06 0.00	20.26 0.32 0.00	20.97 0.29 0.00	20.95 0.35 0.00	21.42 0.27 0.00	21.68 0.15 0.00	21.87 0.20 0.00	22.34 0.16 0.00	25.04 0.22 0.00	28.02 -0.14 0.00	29.32 0.00 0.00	29.64 0.12 0.00	28.85 -0.17 0.00	25.98 0.21 0.00	23.28 0.18 0.00	21.30 0.29 0.00
HOWARD_WT_PWR 323690	19.46 0.46 0.00	17.95 0.21 0.00	16.42 0.27 0.00	15.86 0.26 0.00	15.83 0.29 0.00	17.65 0.53 0.00	20.79 0.59 0.00	21.48 0.52 0.00	22.15 0.54 0.00	20.62 0.68 0.00	21.28 0.60 0.00	21.26 0.66 0.00	21.76 0.61 0.00	22.02 0.50 0.00	22.17 0.50 0.00	22.68 0.49 0.00	25.49 0.59 -0.08	28.76 0.42 -0.18	30.18 0.64 -0.21	30.57 0.83 -0.22	29.83 0.61 -0.20	26.70 0.82 -0.11	23.85 0.76 0.00	21.67 0.67 0.00

HQ_GEN_CEDARS 23644	18.39 -0.61 0.00	17.24 -0.50 0.00	15.77 -0.37 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.69 -0.43 0.00	19.76 -0.44 0.00	20.50 -0.46 0.00	21.05 -0.56 0.00	19.46 -0.48 0.00	20.13 -0.56 0.00	20.03 -0.58 0.00	20.58 -0.57 0.00	20.92 -0.60 0.00	21.02 -0.65 0.00	21.48 -0.71 0.00	23.85 -0.97 0.00	27.09 -1.07 0.00	28.00 -1.32 0.00	28.25 -1.27 0.00	28.01 -1.02 0.00	24.97 -0.80 0.00	22.54 -0.55 0.00	20.46 -0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	18.39 -0.61 0.00	17.24 -0.50 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.67 -0.45 0.00	19.76 -0.44 0.00	20.49 -0.46 0.00	21.05 -0.56 0.00	19.46 -0.48 0.00	20.13 -0.56 0.00	20.03 -0.58 0.00	20.58 -0.57 0.00	20.92 -0.60 0.00	21.02 -0.65 0.00	21.47 -0.71 0.00	23.85 -0.97 0.00	27.09 -1.07 0.00	28.00 -1.32 0.00	28.26 -1.27 0.00	28.01 -1.02 0.00	24.97 -0.80 0.00	22.56 -0.53 0.00	20.46 -0.55 0.00
HQ_GEN_IMPORT 323601	18.72 -0.28 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.45 -0.14 0.00	15.39 -0.14 0.00	16.89 -0.22 0.00	19.96 -0.24 0.00	20.73 -0.23 0.00	21.36 -0.26 0.00	19.70 -0.24 0.00	20.41 -0.27 0.00	20.32 -0.29 0.00	20.85 -0.30 0.00	21.24 -0.28 0.00	21.37 -0.30 0.00	21.87 -0.31 0.00	24.35 -0.47 0.00	27.65 -0.51 0.00	28.62 -0.70 0.00	28.81 -0.71 0.00	28.50 -0.52 0.00	25.33 -0.44 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
HQ_GEN_WHEEL 23651	18.72 -0.28 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.45 -0.14 0.00	15.39 -0.14 0.00	16.89 -0.22 0.00	19.96 -0.24 0.00	20.73 -0.23 0.00	21.36 -0.26 0.00	19.70 -0.24 0.00	20.41 -0.27 0.00	20.32 -0.29 0.00	20.85 -0.30 0.00	21.24 -0.28 0.00	21.37 -0.30 0.00	21.87 -0.31 0.00	24.35 -0.47 0.00	27.65 -0.51 0.00	28.62 -0.70 0.00	28.81 -0.71 0.00	28.50 -0.52 0.00	25.33 -0.44 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
HUDSON_AVE_GT_3 23810	20.16 1.16 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.60 1.93 0.00	24.14 1.95 0.00	27.23 2.41 0.00	30.83 2.67 0.00	32.22 2.90 0.00	32.33 2.80 0.00	31.49 2.47 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.18 1.18 0.00
HUDSON_AVE_GT_4 23540	20.16 1.16 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.60 1.93 0.00	24.14 1.95 0.00	27.23 2.41 0.00	30.83 2.67 0.00	32.22 2.90 0.00	32.33 2.80 0.00	31.49 2.47 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.18 1.18 0.00
HUDSON_AVE_GT_5 23657	20.16 1.16 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.27 1.67 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.60 1.93 0.00	24.14 1.95 0.00	27.23 2.41 0.00	30.83 2.67 0.00	32.22 2.90 0.00	32.33 2.80 0.00	31.49 2.47 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.18 1.18 0.00
HUDSON_AVE_10 24168	20.08 1.08 0.00	18.66 0.92 0.00	16.90 0.76 0.00	16.26 0.67 0.00	16.17 0.64 0.00	17.87 0.75 0.00	21.24 1.03 0.00	22.21 1.26 0.00	23.11 1.49 0.00	21.20 1.26 0.00	22.09 1.41 0.00	22.19 1.59 0.00	22.82 1.67 0.00	23.29 1.76 0.00	23.51 1.84 0.00	24.05 1.86 0.00	27.15 2.33 0.00	30.75 2.59 0.00	32.14 2.81 0.00	32.24 2.72 0.00	31.40 2.38 0.00	27.65 1.88 0.00	24.50 1.41 0.00	22.11 1.11 0.00
HUDSON___115KV_TB 4 355613	19.74 0.74 0.00	18.64 0.90 0.00	16.98 0.84 0.00	16.37 0.78 0.00	16.28 0.75 0.00	17.82 0.70 0.00	21.03 0.83 0.00	21.67 0.71 0.00	22.33 0.71 0.00	20.42 0.48 0.00	21.22 0.54 0.00	21.14 0.54 0.00	21.72 0.57 0.00	22.15 0.62 0.00	22.28 0.61 0.00	22.83 0.64 0.00	25.64 0.82 0.00	29.28 1.13 0.00	30.85 1.52 0.00	31.09 1.56 0.00	30.47 1.45 0.00	26.93 1.16 0.00	24.06 0.97 0.00	21.72 0.71 0.00
HUNTER MOUNT___DRP 323613	19.82 0.82 0.00	18.75 1.01 0.00	17.06 0.92 0.00	16.45 0.86 0.00	16.37 0.84 0.00	17.90 0.79 0.00	21.14 0.93 0.00	21.69 0.73 0.00	22.35 0.73 0.00	20.42 0.48 0.00	21.20 0.52 0.00	21.08 0.47 0.00	21.66 0.51 0.00	22.11 0.58 0.00	22.21 0.54 0.00	22.78 0.60 0.00	25.59 0.77 0.00	29.23 1.07 0.00	30.85 1.52 0.00	31.12 1.59 0.00	30.56 1.54 0.00	27.01 1.24 0.00	24.13 1.04 0.00	21.80 0.80 0.00
HUNTINGTON_RES_REC 323705	28.97 1.82 -8.14	31.11 1.61 -11.76	31.61 1.13 -14.34	15.73 1.00 0.86	15.65 1.00 0.88	17.59 1.18 0.71	21.50 1.33 0.04	22.55 1.59 0.00	23.56 1.99 0.05	21.63 1.73 0.05	22.75 2.07 0.00	28.30 2.02 -5.68	28.19 2.26 -4.77	28.55 2.35 -4.68	32.36 2.34 -8.34	37.48 2.24 -13.06	46.74 2.88 -19.04	48.21 3.32 -16.73	114.25 3.58 -81.35	43.38 3.48 -10.37	45.74 3.05 -13.67	38.08 2.47 -9.83	25.19 2.10 0.00	20.39 1.85 2.46
HUNTLEY___63 23557	18.96 -0.04 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.44 -0.09 0.00	17.27 0.15 0.00	20.04 -0.16 0.00	20.62 -0.34 0.00	21.28 -0.32 0.01	20.00 0.06 0.01	20.70 0.02 0.01	20.60 0.00 0.01	21.06 -0.08 0.01	21.30 -0.24 -0.01	21.47 -0.22 -0.01	21.94 -0.24 0.01	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.46 -0.31 0.00	22.98 -0.12 0.00	20.98 -0.02 0.00
HUNTLEY___64 23558	18.96 -0.04 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.44 -0.09 0.00	17.27 0.15 0.00	20.04 -0.16 0.00	20.62 -0.34 0.00	21.28 -0.32 0.01	20.00 0.06 0.01	20.70 0.02 0.01	20.60 0.00 0.01	21.06 -0.08 0.01	21.30 -0.24 -0.01	21.47 -0.22 -0.01	21.94 -0.24 0.01	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.46 -0.31 0.00	22.98 -0.12 0.00	20.98 -0.02 0.00
HUNTLEY___65 23559	18.96 -0.04 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.44 -0.09 0.00	17.27 0.15 0.00	20.04 -0.16 0.00	20.62 -0.34 0.00	21.28 -0.32 0.01	20.00 0.06 0.01	20.70 0.02 0.01	20.60 0.00 0.01	21.06 -0.08 0.01	21.30 -0.24 -0.01	21.47 -0.22 -0.01	21.94 -0.24 0.01	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.46 -0.31 0.00	22.98 -0.12 0.00	20.98 -0.02 0.00
HUNTLEY___66 23560	18.96 -0.04 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.44 -0.09 0.00	17.27 0.15 0.00	20.04 -0.16 0.00	20.62 -0.34 0.00	21.28 -0.32 0.01	20.00 0.06 0.01	20.70 0.02 0.01	20.60 0.00 0.01	21.06 -0.08 0.01	21.30 -0.24 -0.01	21.47 -0.22 -0.01	21.94 -0.24 0.01	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.46 -0.31 0.00	22.98 -0.12 0.00	20.98 -0.02 0.00

HUNTLEY___67 23561	18.89 -0.11 0.00	17.44 -0.30 0.00	15.98 -0.16 0.00	15.42 -0.17 0.00	15.38 -0.16 0.00	17.20 0.09 0.00	20.00 -0.20 0.00	20.56 -0.40 0.00	21.18 -0.43 0.00	19.90 -0.04 0.00	20.58 -0.10 0.00	20.50 -0.10 0.00	20.96 -0.19 0.00	21.18 -0.34 0.00	21.35 -0.33 0.00	21.85 -0.33 0.00	24.40 -0.42 0.00	27.23 -0.93 0.00	28.53 -0.79 0.00	28.84 -0.68 0.00	28.06 -0.96 0.00	25.36 -0.41 0.00	22.86 -0.23 0.00	20.90 -0.11 0.00
HUNTLEY___68 23562	18.89 -0.11 0.00	17.44 -0.30 0.00	15.98 -0.16 0.00	15.42 -0.17 0.00	15.38 -0.16 0.00	17.20 0.09 0.00	20.00 -0.20 0.00	20.56 -0.40 0.00	21.18 -0.43 0.00	19.90 -0.04 0.00	20.58 -0.10 0.00	20.50 -0.10 0.00	20.96 -0.19 0.00	21.18 -0.34 0.00	21.35 -0.33 0.00	21.85 -0.33 0.00	24.40 -0.42 0.00	27.23 -0.93 0.00	28.53 -0.79 0.00	28.84 -0.68 0.00	28.06 -0.96 0.00	25.36 -0.41 0.00	22.86 -0.23 0.00	20.90 -0.11 0.00
HYLAND___LFGE 323620	19.78 0.78 0.00	18.23 0.50 0.00	16.66 0.52 0.00	16.09 0.50 0.00	16.06 0.53 0.00	17.92 0.80 0.00	21.09 0.89 0.00	21.75 0.80 0.00	22.15 0.54 0.00	20.32 0.38 0.00	20.89 0.21 0.00	20.85 0.25 0.00	21.19 0.04 0.00	21.33 -0.19 0.00	21.48 -0.20 0.00	22.07 -0.11 0.00	24.84 0.02 0.00	28.16 0.00 0.00	29.85 0.53 0.00	30.59 1.06 0.00	30.06 1.04 0.00	27.11 1.34 0.00	24.29 1.20 0.00	21.92 0.92 0.00
INDECK___CORINTH 23802	20.25 1.25 0.00	18.93 1.19 0.00	17.13 0.98 0.00	16.58 0.98 0.00	16.48 0.95 0.00	18.23 1.11 0.00	21.52 1.31 0.00	22.26 1.30 0.00	22.98 1.36 0.00	21.04 1.10 0.00	21.90 1.22 0.00	21.74 1.13 0.00	22.39 1.25 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.56 1.38 0.00	26.51 1.69 0.00	30.07 1.92 0.00	31.69 2.37 0.00	31.65 2.13 0.00	31.29 2.27 0.00	27.65 1.88 0.00	24.78 1.68 0.00	22.37 1.36 0.00
INDECK___ILION 23567	19.27 0.27 0.00	17.99 0.25 0.00	16.37 0.23 0.00	15.78 0.19 0.00	15.72 0.19 0.00	17.36 0.24 0.00	20.51 0.30 0.00	21.27 0.31 0.00	21.92 0.30 0.00	20.20 0.26 0.00	20.97 0.29 0.00	20.89 0.29 0.00	21.46 0.32 0.00	21.83 0.30 0.00	21.97 0.30 0.00	22.52 0.33 0.00	25.19 0.37 0.00	28.61 0.45 0.00	29.88 0.56 0.00	30.06 0.53 0.00	29.49 0.46 0.00	26.18 0.41 0.00	23.44 0.35 0.00	21.30 0.29 0.00
INDECK___OLEAN 23982	19.15 0.15 0.00	17.70 -0.04 0.00	16.19 0.05 0.00	15.66 0.06 0.00	15.61 0.08 0.00	17.39 0.27 0.00	20.43 0.22 0.00	21.02 0.06 0.00	21.77 0.15 0.00	20.26 0.32 0.00	20.95 0.27 0.00	20.91 0.31 0.00	21.42 0.27 0.00	21.70 0.17 0.00	21.87 0.19 0.00	22.36 0.18 0.00	25.04 0.22 0.00	28.02 -0.14 0.00	29.32 0.00 0.00	29.64 0.12 0.00	28.85 -0.17 0.00	25.98 0.21 0.00	23.26 0.16 0.00	21.30 0.29 0.00
INDECK___OSWEGO 23783	18.81 -0.19 0.00	17.51 -0.23 0.00	15.92 -0.23 0.00	15.37 -0.22 0.00	15.33 -0.20 0.00	16.95 -0.17 0.00	19.98 -0.22 0.00	20.68 -0.27 0.00	21.31 -0.30 0.00	19.70 -0.24 0.00	20.39 -0.29 0.00	20.34 -0.27 0.00	20.79 -0.36 0.00	21.11 -0.41 0.00	21.24 -0.43 0.00	21.81 -0.44 -0.06	25.42 -0.47 -1.07	30.02 -0.56 -2.42	31.73 -0.50 -2.90	32.08 -0.44 -3.00	31.26 -0.52 -2.76	26.83 -0.41 -1.47	22.75 -0.35 0.00	20.81 -0.19 0.00
INDECK___YERKES 23781	18.98 -0.02 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.46 -0.08 0.00	17.19 0.07 0.00	20.04 -0.16 0.00	20.64 -0.31 0.00	21.46 -0.15 0.01	20.02 0.08 0.01	20.68 0.00 0.01	20.66 0.06 0.01	21.08 -0.06 0.01	21.32 -0.22 -0.01	21.49 -0.20 -0.01	21.96 -0.22 0.01	24.50 -0.32 0.00	27.31 -0.84 0.00	28.65 -0.67 0.00	28.96 -0.56 0.00	28.18 -0.84 0.00	25.49 -0.28 0.00	23.00 -0.09 0.00	21.00 0.00 0.00
INDIAN POINT_GT_1 24139	19.99 0.99 0.00	18.61 0.87 0.00	16.87 0.73 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.82 0.70 0.00	21.12 0.91 0.00	22.05 1.09 0.00	22.87 1.25 0.00	21.00 1.06 0.00	21.88 1.20 0.00	21.96 1.36 0.00	22.56 1.42 0.00	23.05 1.53 0.00	23.25 1.58 0.00	23.78 1.60 0.00	26.83 2.01 0.00	30.41 2.25 0.00	31.78 2.46 0.00	31.92 2.39 0.00	31.14 2.12 0.00	27.50 1.73 0.00	24.36 1.27 0.00	21.99 0.99 0.00
INDIAN POINT_GT_2 23659	19.99 0.99 0.00	18.61 0.87 0.00	16.87 0.73 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.82 0.70 0.00	21.12 0.91 0.00	22.05 1.09 0.00	22.87 1.25 0.00	21.00 1.06 0.00	21.88 1.20 0.00	21.96 1.36 0.00	22.56 1.42 0.00	23.05 1.53 0.00	23.25 1.58 0.00	23.78 1.60 0.00	26.83 2.01 0.00	30.41 2.25 0.00	31.78 2.46 0.00	31.92 2.39 0.00	31.14 2.12 0.00	27.50 1.73 0.00	24.36 1.27 0.00	21.99 0.99 0.00
INDIAN POINT_GT_3 24019	19.99 0.99 0.00	18.61 0.87 0.00	16.87 0.73 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.82 0.70 0.00	21.12 0.91 0.00	22.05 1.09 0.00	22.87 1.25 0.00	21.00 1.06 0.00	21.88 1.20 0.00	21.96 1.36 0.00	22.56 1.42 0.00	23.05 1.53 0.00	23.25 1.58 0.00	23.78 1.60 0.00	26.83 2.01 0.00	30.41 2.25 0.00	31.78 2.46 0.00	31.92 2.39 0.00	31.14 2.12 0.00	27.50 1.73 0.00	24.36 1.27 0.00	21.99 0.99 0.00
INDIAN POINT___2 23530	19.95 0.95 0.00	18.57 0.83 0.00	16.77 0.63 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.82 0.70 0.00	21.09 0.89 0.00	22.02 1.07 0.00	22.82 1.21 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.80 1.19 0.00	22.54 1.40 0.00	23.01 1.48 0.00	23.23 1.56 0.00	23.76 1.58 0.00	26.80 1.99 0.00	30.38 2.22 0.00	31.75 2.43 0.00	31.89 2.36 0.00	31.11 2.09 0.00	27.45 1.67 0.00	24.32 1.22 0.00	21.97 0.97 0.00
INDIAN POINT___3 23531	19.95 0.95 0.00	18.57 0.83 0.00	16.84 0.69 0.00	16.22 0.62 0.00	16.14 0.61 0.00	17.80 0.68 0.00	21.10 0.89 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.86 1.18 0.00	21.92 1.32 0.00	22.54 1.40 0.00	23.01 1.49 0.00	23.21 1.54 0.00	23.76 1.58 0.00	26.78 1.96 0.00	30.38 2.22 0.00	31.73 2.40 0.00	31.86 2.33 0.00	31.08 2.06 0.00	27.45 1.68 0.00	24.32 1.22 0.00	21.97 0.97 0.00
INGHAM_C_115KV_TB7 356103	19.36 0.36 0.00	18.09 0.35 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.81 0.28 0.00	17.48 0.36 0.00	20.65 0.44 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.34 0.40 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.61 0.47 0.00	21.98 0.45 0.00	22.10 0.43 0.00	22.63 0.44 0.00	25.29 0.47 0.00	28.75 0.59 0.00	30.00 0.67 0.00	30.20 0.68 0.00	29.63 0.61 0.00	26.31 0.54 0.00	23.60 0.51 0.00	21.44 0.44 0.00
IP CORINTH___1 23988	20.25 1.25 0.00	18.93 1.19 0.00	17.18 1.03 0.00	16.56 0.97 0.00	16.48 0.95 0.00	18.21 1.10 0.00	21.52 1.31 0.00	22.26 1.30 0.00	22.98 1.36 0.00	21.04 1.10 0.00	21.90 1.22 0.00	21.82 1.22 0.00	22.40 1.25 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.54 1.35 0.00	26.51 1.69 0.00	30.07 1.91 0.00	31.70 2.38 0.00	31.65 2.13 0.00	31.29 2.26 0.00	27.65 1.88 0.00	24.78 1.69 0.00	22.37 1.37 0.00

IP___TICONDEROGA 23804	21.03 2.03 0.00	19.65 1.92 0.00	17.79 1.65 0.00	17.17 1.57 0.00	17.07 1.54 0.00	18.93 1.81 0.00	22.35 2.14 0.00	23.03 2.07 0.00	23.80 2.18 0.00	21.70 1.75 0.00	22.61 1.92 0.00	22.46 1.85 0.00	23.07 1.92 0.00	23.46 1.94 0.00	23.60 1.93 0.00	24.25 2.06 0.00	27.35 2.53 0.00	31.28 3.13 0.00	33.16 3.84 0.00	33.21 3.69 0.00	32.79 3.77 0.00	28.97 3.20 0.00	25.84 2.75 0.00	23.27 2.27 0.00
ISLIP_RES_REC 323679	24.75 1.88 -3.86	24.97 1.65 -5.58	24.11 1.16 -6.80	18.45 1.04 -1.82	18.43 1.04 -1.85	19.93 1.25 -1.56	21.92 1.64 -0.08	22.86 1.91 0.00	23.91 2.21 -0.09	21.99 1.96 -0.09	22.81 2.13 0.00	28.65 2.23 -5.82	28.52 2.45 -4.92	30.67 2.50 -6.65	32.48 2.58 -8.24	37.97 2.73 -13.06	43.43 3.30 -15.31	48.48 3.69 -16.63	81.30 3.87 -48.10	41.63 3.84 -8.27	46.04 3.45 -13.57	38.68 2.94 -9.97	25.52 2.42 0.00	28.84 2.00 -5.84
JAMAICA__27_KV_LOAD 355505	20.12 1.12 0.00	18.68 0.94 0.00	16.90 0.76 0.00	16.26 0.67 0.00	16.17 0.64 0.00	17.90 0.79 0.00	21.30 1.09 0.00	22.32 1.36 0.00	23.19 1.58 0.00	21.28 1.34 0.00	22.09 1.41 0.00	22.25 1.65 0.00	22.86 1.71 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.25 2.43 0.00	30.86 2.70 0.00	32.28 2.96 0.00	32.36 2.83 0.00	31.52 2.50 0.00	27.73 1.96 0.00	24.62 1.52 0.00	22.20 1.20 0.00
JANIS___SOLAR 323808	19.93 0.93 0.00	18.52 0.78 0.00	16.82 0.68 0.00	16.25 0.65 0.00	16.20 0.67 0.00	18.04 0.92 0.00	21.38 1.17 0.00	22.11 1.15 0.00	22.65 1.04 0.00	20.90 0.96 0.00	21.57 0.89 0.00	21.51 0.91 0.00	22.01 0.87 0.00	22.32 0.80 0.00	22.43 0.76 0.00	23.02 0.82 -0.01	26.05 1.04 -0.19	29.83 1.24 -0.44	31.43 1.58 -0.52	31.83 1.77 -0.54	31.20 1.68 -0.50	27.61 1.57 -0.26	24.43 1.34 0.00	22.11 1.11 0.00
JARVIS____ 23743	19.13 0.13 0.00	17.86 0.13 0.00	16.24 0.10 0.00	15.69 0.09 0.00	15.61 0.08 0.00	17.24 0.12 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.74 0.13 0.00	20.06 0.12 0.00	20.81 0.12 0.00	20.73 0.12 0.00	21.30 0.15 0.00	21.68 0.15 0.00	21.82 0.15 0.00	22.34 0.16 0.00	25.02 0.20 0.00	28.41 0.25 0.00	29.64 0.32 0.00	29.85 0.33 0.00	29.28 0.26 0.00	25.98 0.21 0.00	23.23 0.14 0.00	21.13 0.13 0.00
JENNISON___1 23625	20.01 1.01 0.00	18.63 0.89 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.28 0.75 0.00	18.14 1.03 0.00	21.46 1.25 0.00	22.26 1.30 0.00	22.85 1.23 0.00	21.12 1.18 0.00	21.84 1.16 0.00	21.82 1.22 0.00	22.35 1.21 0.00	22.69 1.16 0.00	22.82 1.15 0.00	23.41 1.22 -0.01	26.37 1.41 -0.14	30.10 1.63 -0.31	31.63 1.94 -0.37	31.92 2.01 -0.38	31.26 1.89 -0.35	27.69 1.73 -0.19	24.52 1.43 0.00	22.18 1.18 0.00
JENNISON___2 23626	20.01 1.01 0.00	18.63 0.89 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.28 0.75 0.00	18.14 1.03 0.00	21.46 1.25 0.00	22.26 1.30 0.00	22.85 1.23 0.00	21.12 1.18 0.00	21.84 1.16 0.00	21.82 1.22 0.00	22.35 1.21 0.00	22.69 1.16 0.00	22.82 1.15 0.00	23.41 1.22 -0.01	26.37 1.41 -0.14	30.10 1.63 -0.31	31.63 1.94 -0.37	31.92 2.01 -0.38	31.26 1.89 -0.35	27.69 1.73 -0.19	24.52 1.43 0.00	22.18 1.18 0.00
JERICHO_RISE_WT_PWR 323719	18.70 -0.30 0.00	17.54 -0.19 0.00	16.10 -0.05 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.03 -0.09 0.00	20.23 0.02 0.00	21.02 0.06 0.00	21.66 0.04 0.00	20.08 0.14 0.00	20.60 -0.08 0.00	20.48 -0.12 0.00	21.04 -0.11 0.00	21.42 -0.11 0.00	21.54 -0.13 0.00	22.05 -0.13 0.00	24.52 -0.30 0.00	27.88 -0.28 0.00	28.79 -0.53 0.00	29.05 -0.47 0.00	29.05 0.03 0.00	25.77 0.00 0.00	23.26 0.16 0.00	21.02 0.02 0.00
KATONAH__115KV_46KV_TB4 355592	20.08 1.08 0.00	18.70 0.96 0.00	16.97 0.82 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.20 0.99 0.00	22.13 1.17 0.00	22.98 1.36 0.00	21.08 1.14 0.00	21.97 1.28 0.00	22.03 1.42 0.00	22.65 1.50 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.98 2.16 0.00	30.58 2.42 0.00	31.99 2.67 0.00	32.15 2.63 0.00	31.37 2.35 0.00	27.68 1.91 0.00	24.50 1.41 0.00	22.11 1.11 0.00
KCE_NY_1 323755	20.05 1.04 0.00	18.75 1.01 0.00	16.98 0.84 0.00	16.43 0.84 0.00	16.34 0.81 0.00	18.02 0.91 0.00	21.28 1.07 0.00	22.02 1.07 0.00	22.74 1.12 0.00	20.84 0.90 0.00	21.68 0.99 0.00	21.53 0.93 0.00	22.18 1.04 0.00	22.60 1.08 0.00	22.73 1.06 0.00	23.32 1.13 0.00	26.23 1.41 0.00	29.88 1.72 0.00	31.43 2.11 0.00	31.56 2.04 0.00	31.00 1.97 0.00	27.42 1.65 0.00	24.48 1.39 0.00	22.11 1.11 0.00
KCE_NY_6_ESR 323823	19.15 0.15 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.34 0.22 0.00	20.29 0.08 0.00	20.87 -0.08 0.00	21.68 0.07 0.00	20.22 0.28 0.00	20.89 0.21 0.00	20.87 0.27 0.00	21.31 0.17 0.00	21.57 0.04 0.00	21.74 0.07 0.00	22.23 0.04 0.00	24.82 0.00 0.00	27.71 -0.45 0.00	29.03 -0.29 0.00	29.38 -0.15 0.00	28.56 -0.47 0.00	25.77 0.00 0.00	23.23 0.14 0.00	21.23 0.23 0.00
KEDC_PORT_JEFF_GT2 24210	25.64 1.79 -4.85	26.31 1.56 -7.01	25.78 1.08 -8.55	18.84 0.97 -2.28	18.83 0.96 -2.33	20.23 1.15 -1.96	21.80 1.50 -0.10	22.72 1.76 0.00	23.78 2.05 -0.11	21.87 1.81 -0.11	22.63 1.94 0.00	28.51 2.06 -5.85	28.38 2.28 -4.94	30.83 2.30 -7.00	32.25 2.32 -8.26	37.64 2.40 -13.06	43.86 2.85 -16.19	47.91 3.10 -16.65	88.53 3.28 -55.92	41.51 3.22 -8.77	45.66 3.05 -13.59	38.34 2.58 -9.99	25.33 2.24 0.00	30.16 1.85 -7.31
KEDC_PORT_JEFF_GT3 24211	25.64 1.79 -4.85	26.31 1.56 -7.01	25.78 1.08 -8.55	18.84 0.97 -2.28	18.83 0.96 -2.33	20.23 1.15 -1.96	21.80 1.50 -0.10	22.72 1.76 0.00	23.78 2.05 -0.11	21.87 1.81 -0.11	22.63 1.94 0.00	28.51 2.06 -5.85	28.38 2.28 -4.94	30.83 2.30 -7.00	32.25 2.32 -8.26	37.64 2.40 -13.06	43.86 2.85 -16.19	47.91 3.10 -16.65	88.53 3.28 -55.92	41.51 3.22 -8.77	45.66 3.05 -13.59	38.34 2.58 -9.99	25.33 2.24 0.00	30.16 1.85 -7.31
KEDC_GLWD_GT4 24219	20.42 1.39 -0.03	18.98 1.22 -0.02	17.03 0.87 -0.02	16.40 0.81 0.00	16.34 0.81 0.00	18.07 0.94 -0.01	21.36 1.15 0.00	22.36 1.40 0.00	23.26 1.64 0.00	21.38 1.44 0.00	22.36 1.67 0.00	28.02 1.69 -5.73	27.87 1.90 -4.82	28.85 2.02 -5.30	31.89 2.08 -8.14	37.35 2.11 -13.06	39.17 2.43 -11.92	47.43 2.73 -16.54	50.20 2.96 -17.92	38.79 2.89 -6.37	45.26 2.76 -13.48	37.92 2.27 -9.88	24.83 1.73 0.00	22.59 1.43 -0.16
KEDC_GLWD_GT5 24220	20.42 1.39 -0.03	18.98 1.22 -0.02	17.03 0.87 -0.02	16.40 0.81 0.00	16.34 0.81 0.00	18.07 0.94 -0.01	21.36 1.15 0.00	22.36 1.40 0.00	23.26 1.64 0.00	21.38 1.44 0.00	22.36 1.67 0.00	28.02 1.69 -5.73	27.87 1.90 -4.82	28.85 2.02 -5.30	31.89 2.08 -8.14	37.35 2.11 -13.06	39.17 2.43 -11.92	47.43 2.73 -16.54	50.20 2.96 -17.92	38.79 2.89 -6.37	45.26 2.76 -13.48	37.92 2.27 -9.88	24.83 1.73 0.00	22.59 1.43 -0.16

KENSICO____ 23655	20.05 1.05 0.00	18.66 0.92 0.00	16.90 0.76 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.13 1.17 0.00	22.95 1.34 0.00	21.08 1.14 0.00	21.99 1.30 0.00	22.05 1.44 0.00	22.67 1.52 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.93 2.11 0.00	30.55 2.39 0.00	31.90 2.58 0.00	32.03 2.51 0.00	31.26 2.23 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.05 1.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.95 0.95 0.00	18.48 0.75 0.00	16.77 0.63 0.00	16.14 0.55 0.00	16.06 0.53 0.00	17.75 0.63 0.00	21.03 0.83 0.00	21.90 0.94 0.00	22.76 1.15 0.00	20.88 0.94 0.00	21.76 1.08 0.00	21.80 1.20 0.00	22.42 1.27 0.00	22.88 1.36 0.00	23.08 1.41 0.00	23.63 1.44 0.00	26.73 1.91 0.00	30.27 2.11 0.00	31.70 2.38 0.00	31.86 2.33 0.00	31.11 2.09 0.00	27.47 1.70 0.00	24.32 1.22 0.00	21.97 0.97 0.00
KIAC_JFK_GT1 23816	20.01 1.01 0.00	18.59 0.85 0.00	16.82 0.68 0.00	16.18 0.59 0.00	16.09 0.56 0.00	17.82 0.70 0.00	21.20 0.99 0.00	22.19 1.24 0.00	23.08 1.47 0.00	21.18 1.24 0.00	21.99 1.30 0.00	22.13 1.52 0.00	22.73 1.59 0.00	23.22 1.70 0.00	23.45 1.78 0.00	23.98 1.80 0.00	27.10 2.28 0.00	30.69 2.53 0.00	32.08 2.76 0.00	32.18 2.66 0.00	31.34 2.32 0.00	27.58 1.80 0.00	24.48 1.39 0.00	22.07 1.07 0.00
KIAC_JFK_GT2 23817	20.01 1.01 0.00	18.59 0.85 0.00	16.82 0.68 0.00	16.18 0.59 0.00	16.09 0.56 0.00	17.82 0.70 0.00	21.20 0.99 0.00	22.19 1.24 0.00	23.08 1.47 0.00	21.18 1.24 0.00	21.99 1.30 0.00	22.13 1.52 0.00	22.73 1.59 0.00	23.22 1.70 0.00	23.45 1.78 0.00	23.98 1.80 0.00	27.10 2.28 0.00	30.69 2.53 0.00	32.08 2.76 0.00	32.18 2.66 0.00	31.34 2.32 0.00	27.58 1.80 0.00	24.48 1.39 0.00	22.07 1.07 0.00
KIAC_JFK____ 323774	20.01 1.01 0.00	18.57 0.83 0.00	16.76 0.61 0.00	16.17 0.58 0.00	16.09 0.56 0.00	17.84 0.72 0.00	21.20 0.99 0.00	22.19 1.24 0.00	23.04 1.43 0.00	21.18 1.24 0.00	21.99 1.30 0.00	21.96 1.36 0.00	22.73 1.59 0.00	23.22 1.70 0.00	23.45 1.78 0.00	23.98 1.80 0.00	27.10 2.28 0.00	30.69 2.54 0.00	32.08 2.76 0.00	32.18 2.66 0.00	31.34 2.32 0.00	27.58 1.80 0.00	24.48 1.39 0.00	22.07 1.07 0.00
KINTIGH____ 23543	18.72 -0.29 0.00	17.30 -0.44 0.00	15.84 -0.31 0.00	15.28 -0.31 0.00	15.24 -0.30 0.00	17.00 -0.12 0.00	19.82 -0.38 0.00	20.43 -0.52 0.00	21.05 -0.56 0.00	19.72 -0.22 0.00	20.39 -0.29 0.00	20.30 -0.31 0.00	20.75 -0.40 0.00	20.99 -0.54 0.00	21.13 -0.54 0.00	21.68 -0.51 0.00	24.20 -0.62 0.00	27.09 -1.07 0.00	28.35 -0.97 0.00	28.64 -0.89 0.00	27.95 -1.07 0.00	25.18 -0.59 0.00	22.68 -0.42 0.00	20.69 -0.32 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.04 0.04 0.00	17.90 0.16 0.00	16.29 0.15 0.00	15.84 0.25 0.00	15.81 0.28 0.00	17.43 0.31 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.60 0.66 0.00	20.93 0.25 0.00	20.81 0.21 0.00	21.38 0.23 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.43 0.24 0.00	24.97 0.15 0.00	28.38 0.23 0.00	29.35 0.03 0.00	29.67 0.15 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.81 0.72 0.00	21.53 0.53 0.00
LACHUTE__HYDRO 323717	21.03 2.03 0.00	19.65 1.92 0.00	17.76 1.61 0.00	17.18 1.59 0.00	17.07 1.54 0.00	18.95 1.83 0.00	22.35 2.14 0.00	23.03 2.08 0.00	23.80 2.18 0.00	21.70 1.76 0.00	22.61 1.92 0.00	22.40 1.79 0.00	23.05 1.90 0.00	23.46 1.94 0.00	23.60 1.93 0.00	24.25 2.06 0.00	27.35 2.53 0.00	31.28 3.13 0.00	33.16 3.84 0.00	33.21 3.69 0.00	32.79 3.77 0.00	28.97 3.20 0.00	25.84 2.75 0.00	23.27 2.27 0.00
LAWRNCV_115KV_TB1 80681	18.47 -0.53 0.00	17.31 -0.43 0.00	15.82 -0.32 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	16.77 -0.34 0.00	19.90 -0.30 0.00	20.64 -0.31 0.00	21.18 -0.43 0.00	19.60 -0.34 0.00	20.25 -0.43 0.00	20.15 -0.45 0.00	20.68 -0.47 0.00	21.03 -0.50 0.00	21.04 -0.63 0.00	21.43 -0.75 0.00	23.73 -1.09 0.00	26.97 -1.18 0.00	27.91 -1.41 0.00	28.20 -1.33 0.00	27.98 -1.04 0.00	25.08 -0.70 0.00	22.68 -0.42 0.00	20.56 -0.44 0.00
LEDERLE____ 23769	20.01 1.01 0.00	18.63 0.89 0.00	16.87 0.73 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.84 0.72 0.00	21.16 0.95 0.00	22.09 1.13 0.00	22.91 1.30 0.00	21.04 1.10 0.00	21.95 1.26 0.00	22.01 1.40 0.00	22.63 1.48 0.00	23.10 1.57 0.00	23.30 1.63 0.00	23.85 1.66 0.00	26.90 2.08 0.00	30.49 2.34 0.00	31.87 2.55 0.00	32.00 2.48 0.00	31.23 2.21 0.00	27.58 1.80 0.00	24.41 1.32 0.00	22.03 1.03 0.00
LIGHTHSE_115KV_TB6 355974	19.02 0.02 0.00	17.70 -0.04 0.00	16.11 -0.03 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.19 0.07 0.00	20.31 0.10 0.00	21.02 0.06 0.00	21.59 -0.02 0.00	19.98 0.04 0.00	20.66 -0.02 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.37 -0.15 0.00	21.48 -0.20 0.00	22.02 -0.20 -0.03	25.09 -0.30 -0.57	29.11 -0.34 -1.29	30.69 -0.18 -1.54	31.06 -0.06 -1.59	30.37 -0.12 -1.47	26.50 -0.05 -0.78	23.12 0.02 0.00	21.06 0.06 0.00
LINDEN COGEN____ 23786	20.05 1.04 0.00	18.63 0.89 0.00	16.82 0.68 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.85 0.74 0.00	21.20 0.99 0.00	22.15 1.19 0.00	23.00 1.38 0.00	21.16 1.22 0.00	22.07 1.39 0.00	22.03 1.42 0.00	22.78 1.63 0.00	23.27 1.74 0.00	23.49 1.82 0.00	24.03 1.84 0.00	27.08 2.26 0.00	30.69 2.54 0.00	32.05 2.73 0.00	32.15 2.63 0.00	31.34 2.32 0.00	27.60 1.83 0.00	24.43 1.34 0.00	22.05 1.05 0.00
LINDHRST_69_KV_BK1 356055	21.11 1.82 -0.29	19.71 1.60 -0.37	17.96 1.36 -0.46	16.75 1.04 -0.11	16.65 0.99 -0.12	18.40 1.16 -0.12	21.71 1.50 0.00	22.72 1.76 0.00	23.69 2.07 -0.01	21.74 1.79 -0.01	22.71 2.03 0.00	28.56 2.23 -5.73	28.28 2.31 -4.83	29.31 2.39 -5.39	32.27 2.45 -8.14	37.79 2.55 -13.06	40.07 3.13 -12.13	48.22 3.52 -16.54	52.82 3.75 -19.75	39.70 3.69 -6.48	45.81 3.31 -13.48	38.44 2.78 -9.88	25.38 2.29 0.00	23.46 1.91 -0.55
LIPA_MISC_IPP 23656	25.24 1.73 -4.51	25.78 1.53 -6.52	25.42 1.31 -7.97	18.69 0.98 -2.12	18.65 0.95 -2.17	20.04 1.10 -1.83	21.79 1.50 -0.09	22.67 1.72 0.00	23.75 2.03 -0.11	21.80 1.75 -0.11	22.65 1.96 0.00	28.57 2.12 -5.84	28.30 2.22 -4.94	30.65 2.24 -6.88	32.22 2.30 -8.25	37.71 2.46 -13.06	43.73 3.00 -15.91	48.18 3.38 -16.65	86.30 3.58 -53.40	41.65 3.51 -8.61	45.77 3.16 -13.58	38.44 2.68 -9.98	25.31 2.22 0.00	29.60 1.79 -6.81
LISF__SOLAR 323691	25.25 1.77 -4.48	25.77 1.54 -6.49	25.14 1.08 -7.91	18.67 0.97 -2.11	18.65 0.96 -2.15	20.08 1.15 -1.81	21.81 1.52 -0.09	22.69 1.74 0.00	23.75 2.03 -0.11	21.82 1.77 -0.11	22.61 1.92 0.00	28.47 2.02 -5.84	28.32 2.24 -4.93	30.68 2.28 -6.87	32.26 2.34 -8.25	37.75 2.51 -13.06	43.77 3.08 -15.87	48.24 3.43 -16.65	86.10 3.66 -53.12	41.74 3.63 -8.59	45.86 3.25 -13.58	38.51 2.76 -9.98	25.36 2.26 0.00	29.59 1.83 -6.76

LITTLE FALLS___HYD 24013	19.36 0.36 0.00	18.09 0.35 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.81 0.28 0.00	17.48 0.36 0.00	20.65 0.44 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.34 0.40 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.61 0.47 0.00	21.98 0.45 0.00	22.10 0.43 0.00	22.63 0.44 0.00	25.29 0.47 0.00	28.75 0.59 0.00	30.00 0.67 0.00	30.20 0.68 0.00	29.63 0.61 0.00	26.31 0.54 0.00	23.60 0.51 0.00	21.44 0.44 0.00
LITTLRIV_115KV_TB1 356100	18.60 -0.40 0.00	17.44 -0.30 0.00	15.93 -0.21 0.00	15.69 0.09 0.00	15.64 0.11 0.00	16.96 -0.15 0.00	20.13 -0.08 0.00	20.87 -0.08 0.00	21.40 -0.22 0.00	19.78 -0.16 0.00	20.42 -0.27 0.00	20.34 -0.27 0.00	20.89 -0.25 0.00	21.22 -0.30 0.00	21.24 -0.43 0.00	21.61 -0.58 0.00	23.92 -0.89 0.00	27.20 -0.96 0.00	28.15 -1.17 0.00	28.46 -1.06 0.00	28.27 -0.75 0.00	25.31 -0.46 0.00	22.88 -0.21 0.00	20.71 -0.29 0.00
LI_NEWBRDGE___DRP 323616	20.43 1.44 0.01	19.01 1.28 0.01	17.22 1.08 0.01	16.36 0.76 0.00	16.27 0.73 0.00	17.97 0.86 0.01	21.28 1.07 0.00	22.28 1.32 0.00	23.23 1.62 0.00	21.32 1.38 0.00	22.24 1.55 0.00	28.08 1.75 -5.73	27.81 1.84 -4.82	28.73 1.92 -5.29	31.78 1.97 -8.14	37.24 2.00 -13.06	39.22 2.48 -11.92	47.51 2.82 -16.54	50.29 3.05 -17.92	38.84 2.95 -6.37	45.11 2.61 -13.48	37.79 2.14 -9.88	24.85 1.76 0.00	22.55 1.45 -0.10
LOCKPORT_115KV_TB60_63_64 80432	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.19 0.07 0.00	19.94 -0.26 0.00	20.52 -0.44 0.00	21.14 -0.48 0.00	19.86 -0.08 0.00	20.54 -0.14 0.00	20.44 -0.16 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.28 -0.39 0.00	21.78 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.47 -0.85 0.00	28.79 -0.74 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
LOCKPORT___CC1 323769	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.08 -0.03 0.00	19.94 -0.26 0.00	20.49 -0.46 0.00	21.29 -0.32 0.00	19.86 -0.08 0.00	20.50 -0.19 0.00	20.50 -0.10 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.26 -0.41 0.00	21.79 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.44 -0.88 0.00	28.79 -0.74 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
LOCKPORT___CC2 323770	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.08 -0.03 0.00	19.94 -0.26 0.00	20.49 -0.46 0.00	21.29 -0.32 0.00	19.86 -0.08 0.00	20.50 -0.19 0.00	20.50 -0.10 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.26 -0.41 0.00	21.79 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.44 -0.88 0.00	28.79 -0.74 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
LOCKPORT___CC3 323771	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.08 -0.03 0.00	19.94 -0.26 0.00	20.49 -0.46 0.00	21.29 -0.32 0.00	19.86 -0.08 0.00	20.50 -0.19 0.00	20.50 -0.10 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.26 -0.41 0.00	21.79 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.44 -0.88 0.00	28.79 -0.74 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
LONG_LAKE_PHOENIX 24014	18.91 -0.10 0.00	17.60 -0.14 0.00	16.00 -0.15 0.00	15.44 -0.16 0.00	15.40 -0.14 0.00	17.05 -0.07 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.40 -0.22 0.00	19.82 -0.12 0.00	20.52 -0.17 0.00	20.38 -0.23 0.00	20.89 -0.25 0.00	21.22 -0.30 0.00	21.37 -0.30 0.00	21.92 -0.31 -0.05	25.30 -0.32 -0.81	29.58 -0.39 -1.82	31.18 -0.32 -2.18	31.51 -0.27 -2.25	30.78 -0.32 -2.07	26.62 -0.26 -1.11	22.88 -0.21 0.00	20.92 -0.08 0.00
LOVETT___3 23632	19.91 0.91 0.00	18.54 0.80 0.00	16.81 0.66 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.06 0.85 0.00	22.00 1.05 0.00	22.82 1.21 0.00	20.96 1.02 0.00	21.84 1.16 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.75 1.94 0.00	30.35 2.20 0.00	31.70 2.38 0.00	31.83 2.30 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.29 1.20 0.00	21.93 0.92 0.00
LOVETT___4 23642	19.91 0.91 0.00	18.54 0.80 0.00	16.81 0.66 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.06 0.85 0.00	22.00 1.05 0.00	22.82 1.21 0.00	20.96 1.02 0.00	21.84 1.16 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.75 1.94 0.00	30.35 2.20 0.00	31.70 2.38 0.00	31.83 2.30 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.29 1.20 0.00	21.93 0.92 0.00
LOVETT___5 23593	19.91 0.91 0.00	18.54 0.80 0.00	16.81 0.66 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.06 0.85 0.00	22.00 1.05 0.00	22.82 1.21 0.00	20.96 1.02 0.00	21.84 1.16 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.75 1.94 0.00	30.35 2.20 0.00	31.70 2.38 0.00	31.83 2.30 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.29 1.20 0.00	21.93 0.92 0.00
LOWER RAQUET___HYD 24057	18.49 -0.51 0.00	17.33 -0.41 0.00	16.11 -0.03 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	16.79 -0.33 0.00	19.94 -0.26 0.00	20.68 -0.27 0.00	21.23 -0.39 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.72 -0.42 0.00	21.07 -0.45 0.00	21.06 -0.61 0.00	21.41 -0.78 0.00	23.68 -1.14 0.00	26.95 -1.21 0.00	27.88 -1.44 0.00	28.17 -1.36 0.00	27.95 -1.07 0.00	25.10 -0.67 0.00	22.75 -0.35 0.00	20.58 -0.42 0.00
LOWER___HUDSON 24059	19.78 0.78 0.00	18.56 0.82 0.00	16.82 0.68 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.80 0.69 0.00	20.99 0.79 0.00	21.82 0.86 0.00	22.48 0.87 0.00	20.60 0.66 0.00	21.43 0.74 0.00	21.28 0.68 0.00	21.95 0.80 0.00	22.41 0.88 0.00	22.52 0.84 0.00	23.07 0.89 0.00	25.91 1.09 0.00	29.54 1.38 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.59 1.57 0.00	27.04 1.26 0.00	24.11 1.01 0.00	21.78 0.78 0.00
LOWVILLE_115KV_TB2 356335	19.36 0.36 0.00	18.08 0.34 0.00	16.45 0.31 0.00	15.94 0.34 0.00	15.89 0.36 0.00	17.58 0.46 0.00	20.81 0.61 0.00	21.58 0.63 0.00	22.13 0.52 0.00	20.42 0.48 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.57 0.42 0.00	21.89 0.37 0.00	21.95 0.28 0.00	22.46 0.27 -0.01	25.23 0.25 -0.17	28.90 0.37 -0.37	30.36 0.59 -0.45	30.69 0.71 -0.46	30.17 0.73 -0.43	26.72 0.72 -0.23	23.72 0.62 0.00	21.48 0.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.03 1.03 0.00	18.73 0.99 0.00	17.03 0.89 0.00	16.42 0.83 0.00	16.34 0.81 0.00	18.01 0.89 0.00	21.26 1.05 0.00	22.02 1.07 0.00	22.72 1.10 0.00	20.84 0.90 0.00	21.68 0.99 0.00	21.59 0.99 0.00	22.18 1.04 0.00	22.60 1.08 0.00	22.73 1.06 0.00	23.32 1.13 0.00	26.23 1.41 0.00	29.85 1.69 0.00	31.40 2.08 0.00	31.53 2.01 0.00	30.97 1.94 0.00	27.42 1.65 0.00	24.45 1.36 0.00	22.09 1.09 0.00

LUTHERNY_35_KV_BK2 355980	20.05 1.05 0.00	18.75 1.01 0.00	17.03 0.89 0.00	16.42 0.83 0.00	16.34 0.81 0.00	18.01 0.89 0.00	21.28 1.07 0.00	22.02 1.07 0.00	22.74 1.12 0.00	20.84 0.90 0.00	21.68 0.99 0.00	21.61 1.01 0.00	22.18 1.04 0.00	22.60 1.08 0.00	22.73 1.06 0.00	23.32 1.13 0.00	26.23 1.41 0.00	29.88 1.72 0.00	31.43 2.11 0.00	31.56 2.04 0.00	31.00 1.97 0.00	27.42 1.65 0.00	24.48 1.39 0.00	22.11 1.11 0.00
LWR___OSWEGATCHIE_HYD 23850	18.89 -0.11 0.00	17.65 -0.09 0.00	16.10 -0.05 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.15 0.03 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.35 -0.01	24.42 -0.55 -0.14	27.95 -0.53 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.14 0.05 0.00	20.98 -0.02 0.00
LYONS_FALL_HYD 23570	19.42 0.42 0.00	18.13 0.39 0.00	16.52 0.37 0.00	15.95 0.36 0.00	15.89 0.36 0.00	17.58 0.46 0.00	20.83 0.63 0.00	21.61 0.65 0.00	22.17 0.56 0.00	20.48 0.54 0.00	21.18 0.50 0.00	21.14 0.53 0.00	21.65 0.51 0.00	22.00 0.47 0.00	22.08 0.41 0.00	22.61 0.42 -0.01	25.38 0.45 -0.12	29.02 0.59 -0.27	30.40 0.76 -0.32	30.71 0.86 -0.33	30.17 0.84 -0.30	26.73 0.80 -0.16	23.76 0.67 0.00	21.53 0.53 0.00
MADISON___COUNTY_LFGE 323628	19.59 0.59 0.00	18.25 0.51 0.00	16.60 0.45 0.00	16.01 0.42 0.00	15.95 0.42 0.00	17.72 0.60 0.00	20.93 0.73 0.00	21.71 0.75 0.00	22.31 0.69 0.00	20.62 0.68 0.00	21.35 0.66 0.00	21.28 0.68 0.00	21.82 0.68 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.86 0.67 -0.01	25.73 0.79 -0.12	29.35 0.93 -0.27	30.79 1.14 -0.32	31.04 1.18 -0.33	30.43 1.10 -0.31	26.94 1.01 -0.16	23.92 0.83 0.00	21.72 0.71 0.00
MALONE___115KV_TB1 356076	18.77 -0.23 0.00	17.63 -0.11 0.00	16.06 -0.08 0.00	15.67 0.08 0.00	15.64 0.11 0.00	17.13 0.02 0.00	20.37 0.16 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.75 0.06 0.00	20.63 0.02 0.00	21.19 0.04 0.00	21.57 0.04 0.00	21.65 -0.02 0.00	22.12 -0.07 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.14 0.12 0.00	25.90 0.13 0.00	23.32 0.23 0.00	21.11 0.11 0.00
MAPLEWOD_115KV_TB3 80458	19.68 0.68 0.00	18.57 0.83 0.00	16.90 0.76 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.75 0.63 0.00	20.95 0.75 0.00	21.69 0.73 0.00	22.37 0.76 0.00	20.50 0.56 0.00	21.30 0.62 0.00	21.26 0.66 0.00	21.85 0.70 0.00	22.28 0.75 0.00	22.39 0.72 0.00	22.94 0.75 0.00	25.74 0.92 0.00	29.34 1.18 0.00	30.82 1.50 0.00	31.03 1.51 0.00	30.39 1.36 0.00	26.85 1.08 0.00	23.99 0.90 0.00	21.65 0.65 0.00
MAPLE_RIDGE_WT_1 323574	18.72 -0.28 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.47 -0.13 0.00	15.41 -0.12 0.00	16.91 -0.20 0.00	19.98 -0.22 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	19.64 -0.30 0.00	20.35 -0.33 0.00	20.21 -0.39 0.00	20.75 -0.40 0.00	21.11 -0.41 0.00	21.24 -0.43 0.00	21.76 -0.42 0.00	24.40 -0.42 0.00	27.71 -0.45 0.00	28.73 -0.59 0.00	28.96 -0.56 0.00	28.59 -0.43 0.00	25.39 -0.39 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	18.72 -0.28 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.47 -0.13 0.00	15.41 -0.12 0.00	16.91 -0.20 0.00	19.98 -0.22 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	19.64 -0.30 0.00	20.35 -0.33 0.00	20.21 -0.39 0.00	20.75 -0.40 0.00	21.11 -0.41 0.00	21.24 -0.43 0.00	21.76 -0.42 0.00	24.40 -0.42 0.00	27.71 -0.45 0.00	28.73 -0.59 0.00	28.96 -0.56 0.00	28.59 -0.43 0.00	25.39 -0.39 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	18.77 -0.23 0.00	17.63 -0.11 0.00	16.16 0.02 0.00	15.62 0.03 0.00	15.58 0.05 0.00	17.10 -0.02 0.00	20.35 0.14 0.00	21.14 0.19 0.00	21.79 0.17 0.00	20.20 0.26 0.00	20.66 -0.02 0.00	20.54 -0.06 0.00	21.11 -0.04 0.00	21.50 -0.02 0.00	21.63 -0.04 0.00	22.14 -0.04 0.00	24.62 -0.20 0.00	27.99 -0.17 0.00	28.91 -0.41 0.00	29.20 -0.32 0.00	29.25 0.23 0.00	25.95 0.18 0.00	23.39 0.30 0.00	21.15 0.15 0.00
MARSHVLE_115KV_TB1 80742	20.35 1.35 0.00	18.98 1.24 0.00	17.18 1.03 0.00	16.57 0.98 0.00	16.50 0.96 0.00	18.32 1.20 0.00	21.44 1.23 0.00	22.02 1.07 0.00	22.44 0.82 0.00	20.06 0.12 0.00	20.91 0.23 0.00	20.67 0.06 0.00	21.21 0.06 0.00	21.83 0.30 0.00	21.95 0.28 0.00	22.38 0.20 0.00	25.12 0.30 0.00	29.20 1.04 0.00	31.81 2.49 0.00	32.24 2.72 0.00	31.63 2.61 0.00	27.91 2.14 0.00	25.01 1.92 0.00	22.51 1.51 0.00
MARSH_HILL_WT_PWR 323713	19.44 0.44 0.00	17.93 0.20 0.00	16.40 0.26 0.00	15.84 0.25 0.00	15.83 0.29 0.00	17.63 0.51 0.00	20.77 0.56 0.00	21.46 0.50 0.00	22.13 0.52 0.00	20.58 0.64 0.00	21.26 0.58 0.00	21.22 0.62 0.00	21.74 0.59 0.00	22.00 0.47 0.00	22.13 0.46 0.00	22.65 0.47 0.00	25.39 0.57 0.00	28.55 0.39 0.00	29.94 0.62 0.00	30.32 0.80 0.00	29.57 0.55 0.00	26.57 0.80 0.00	23.83 0.74 0.00	21.65 0.65 0.00
MCINTYRE_115KV_TB2 80467	18.64 -0.36 0.00	17.47 -0.27 0.00	15.98 -0.16 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.00 -0.12 0.00	20.15 -0.06 0.00	20.89 -0.06 0.00	21.42 -0.19 0.00	19.78 -0.16 0.00	20.44 -0.25 0.00	20.34 -0.27 0.00	20.87 -0.27 0.00	21.22 -0.30 0.00	21.26 -0.41 0.00	21.68 -0.51 0.00	24.00 -0.82 0.00	27.31 -0.84 0.00	28.27 -1.06 0.00	28.58 -0.94 0.00	28.41 -0.61 0.00	25.39 -0.39 0.00	22.91 -0.18 0.00	20.75 -0.25 0.00
MECO_____69_KV_BK1 80468	20.96 1.96 0.00	19.55 1.81 0.00	17.68 1.53 0.00	17.04 1.45 0.00	16.96 1.43 0.00	18.88 1.76 0.00	22.23 2.02 0.00	22.86 1.91 0.00	23.45 1.84 0.00	21.10 1.16 0.00	22.03 1.34 0.00	21.76 1.15 0.00	22.35 1.21 0.00	22.79 1.27 0.00	22.91 1.24 0.00	23.45 1.26 0.00	26.43 1.61 0.00	30.69 2.53 0.00	33.16 3.84 0.00	33.48 3.96 0.00	32.85 3.83 0.00	28.99 3.22 0.00	25.82 2.72 0.00	23.21 2.21 0.00
MENANDS___115KV_TB5 355628	19.59 0.59 0.00	18.52 0.78 0.00	16.87 0.73 0.00	16.26 0.67 0.00	16.17 0.64 0.00	17.68 0.56 0.00	20.87 0.67 0.00	21.58 0.63 0.00	22.24 0.63 0.00	20.40 0.46 0.00	21.20 0.52 0.00	21.16 0.56 0.00	21.74 0.59 0.00	22.19 0.67 0.00	22.30 0.63 0.00	22.83 0.64 0.00	25.61 0.79 0.00	29.17 1.01 0.00	30.64 1.32 0.00	30.82 1.30 0.00	30.18 1.16 0.00	26.67 0.90 0.00	23.85 0.76 0.00	21.53 0.53 0.00
MG INDUSTRY___DRP 24185	19.51 0.51 0.00	18.38 0.64 0.00	16.73 0.58 0.00	16.14 0.55 0.00	16.05 0.51 0.00	17.61 0.50 0.00	20.77 0.57 0.00	21.44 0.48 0.00	22.09 0.48 0.00	20.26 0.32 0.00	21.04 0.35 0.00	20.98 0.37 0.00	21.53 0.38 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.63 0.44 0.00	25.41 0.60 0.00	28.95 0.79 0.00	30.38 1.06 0.00	30.59 1.06 0.00	30.01 0.99 0.00	26.55 0.77 0.00	23.74 0.65 0.00	21.48 0.48 0.00

MID___OSWEGATCHIE_HYD 23849	18.89 -0.11 0.00	17.65 -0.09 0.00	16.10 -0.05 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.15 0.03 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.35 -0.01	24.42 -0.55 -0.14	27.95 -0.53 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.14 0.05 0.00	20.98 -0.02 0.00
MID___RAQUETTE_HYD 23851	18.49 -0.51 0.00	17.33 -0.41 0.00	15.84 -0.31 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	16.81 -0.31 0.00	19.94 -0.26 0.00	20.68 -0.27 0.00	21.22 -0.39 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.19 -0.41 0.00	20.72 -0.42 0.00	21.07 -0.45 0.00	21.06 -0.61 0.00	21.41 -0.78 0.00	23.68 -1.14 0.00	26.95 -1.21 0.00	27.88 -1.44 0.00	28.17 -1.36 0.00	27.95 -1.07 0.00	25.10 -0.67 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
MILLIKEN___1 23584	19.46 0.46 0.00	18.09 0.35 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.83 0.30 0.00	17.58 0.46 0.00	20.75 0.55 0.00	21.50 0.54 0.00	22.09 0.48 0.00	20.46 0.52 0.00	21.16 0.48 0.00	21.06 0.45 0.00	21.59 0.44 0.00	21.91 0.39 0.00	22.06 0.39 0.00	22.60 0.40 -0.02	25.60 0.52 -0.26	29.31 0.56 -0.59	30.79 0.76 -0.70	31.11 0.86 -0.73	30.44 0.75 -0.67	26.88 0.75 -0.36	23.74 0.65 0.00	21.55 0.55 0.00
MILLIKEN___2 23585	19.46 0.46 0.00	18.09 0.35 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.83 0.30 0.00	17.58 0.46 0.00	20.75 0.55 0.00	21.50 0.54 0.00	22.09 0.48 0.00	20.46 0.52 0.00	21.16 0.48 0.00	21.06 0.45 0.00	21.59 0.44 0.00	21.91 0.39 0.00	22.06 0.39 0.00	22.60 0.40 -0.02	25.60 0.52 -0.26	29.31 0.56 -0.59	30.79 0.76 -0.70	31.11 0.86 -0.73	30.44 0.75 -0.67	26.88 0.75 -0.36	23.74 0.65 0.00	21.55 0.55 0.00
MILLIKEN___DIESEL 23629	19.46 0.46 0.00	18.09 0.35 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.83 0.30 0.00	17.58 0.46 0.00	20.75 0.55 0.00	21.50 0.54 0.00	22.09 0.48 0.00	20.46 0.52 0.00	21.16 0.48 0.00	21.06 0.45 0.00	21.59 0.44 0.00	21.91 0.39 0.00	22.06 0.39 0.00	22.60 0.40 -0.02	25.60 0.52 -0.26	29.31 0.56 -0.59	30.79 0.76 -0.70	31.11 0.86 -0.73	30.44 0.75 -0.67	26.88 0.75 -0.36	23.74 0.65 0.00	21.55 0.55 0.00
MILLSEAT___LFGE 323607	19.12 0.11 0.00	17.63 -0.11 0.00	16.14 0.00 0.00	15.59 0.00 0.00	15.55 0.02 0.00	17.31 0.19 0.00	20.23 0.02 0.00	20.87 -0.08 0.00	21.61 0.00 0.00	20.16 0.22 0.00	20.75 0.06 0.00	20.77 0.16 0.00	21.15 0.00 0.00	21.38 -0.15 0.00	21.54 -0.13 0.00	22.07 -0.11 0.00	24.65 -0.17 0.00	27.56 -0.59 0.00	28.91 -0.41 0.00	29.26 -0.27 0.00	28.50 -0.52 0.00	25.77 0.00 0.00	23.21 0.12 0.00	21.15 0.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.01 1.01 0.00	18.63 0.89 0.00	16.89 0.74 0.00	16.25 0.65 0.00	16.17 0.64 0.00	17.84 0.72 0.00	21.14 0.93 0.00	22.07 1.11 0.00	22.91 1.30 0.00	21.02 1.08 0.00	21.93 1.24 0.00	21.99 1.38 0.00	22.59 1.44 0.00	23.07 1.55 0.00	23.27 1.60 0.00	23.80 1.62 0.00	26.85 2.04 0.00	30.44 2.28 0.00	31.81 2.49 0.00	31.94 2.42 0.00	31.17 2.15 0.00	27.50 1.73 0.00	24.39 1.29 0.00	22.01 1.01 0.00
MILLWOOD_13_KV_LOAD 356217	20.05 1.05 0.00	18.66 0.92 0.00	16.92 0.77 0.00	16.28 0.69 0.00	16.22 0.68 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.11 1.15 0.00	22.95 1.34 0.00	21.06 1.12 0.00	21.95 1.26 0.00	22.03 1.42 0.00	22.65 1.50 0.00	23.12 1.59 0.00	23.32 1.65 0.00	23.87 1.69 0.00	26.93 2.11 0.00	30.52 2.37 0.00	31.90 2.58 0.00	32.06 2.54 0.00	31.29 2.26 0.00	27.60 1.83 0.00	24.45 1.36 0.00	22.07 1.07 0.00
MODEL_CITY_ENERGY 24167	18.73 -0.27 0.00	17.26 -0.48 0.00	15.84 -0.31 0.00	15.28 -0.31 0.00	15.26 -0.28 0.00	16.95 -0.17 0.00	19.76 -0.44 0.00	20.31 -0.65 0.00	21.09 -0.52 0.00	19.68 -0.26 0.00	20.31 -0.37 0.00	20.30 -0.31 0.00	20.70 -0.45 0.00	20.90 -0.62 0.00	21.07 -0.61 0.00	21.56 -0.62 0.00	24.07 -0.74 0.00	26.86 -1.29 0.00	28.15 -1.17 0.00	28.46 -1.06 0.00	27.72 -1.31 0.00	25.08 -0.69 0.00	22.63 -0.46 0.00	20.69 -0.31 0.00
MODERN_LFGE___ 323580	18.73 -0.27 0.00	17.26 -0.48 0.00	15.84 -0.31 0.00	15.28 -0.31 0.00	15.26 -0.28 0.00	16.95 -0.17 0.00	19.76 -0.44 0.00	20.31 -0.65 0.00	21.09 -0.52 0.00	19.68 -0.26 0.00	20.31 -0.37 0.00	20.30 -0.31 0.00	20.70 -0.45 0.00	20.90 -0.62 0.00	21.07 -0.61 0.00	21.56 -0.62 0.00	24.07 -0.74 0.00	26.86 -1.29 0.00	28.15 -1.17 0.00	28.46 -1.06 0.00	27.72 -1.31 0.00	25.08 -0.69 0.00	22.63 -0.46 0.00	20.69 -0.31 0.00
MOHAWK_PAPER___DRP 24187	19.68 0.68 0.00	18.57 0.83 0.00	16.90 0.76 0.00	16.29 0.70 0.00	16.22 0.68 0.00	17.75 0.63 0.00	20.95 0.75 0.00	21.69 0.73 0.00	22.37 0.76 0.00	20.50 0.56 0.00	21.30 0.62 0.00	21.26 0.66 0.00	21.85 0.70 0.00	22.28 0.75 0.00	22.39 0.72 0.00	22.94 0.75 0.00	25.74 0.92 0.00	29.34 1.18 0.00	30.82 1.50 0.00	31.03 1.51 0.00	30.39 1.36 0.00	26.85 1.08 0.00	23.99 0.90 0.00	21.65 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	20.29 1.29 0.00	18.96 1.22 0.00	17.23 1.08 0.00	16.61 1.01 0.00	16.53 0.99 0.00	18.25 1.13 0.00	21.56 1.35 0.00	22.30 1.34 0.00	23.02 1.40 0.00	21.08 1.14 0.00	21.95 1.26 0.00	21.84 1.24 0.00	22.42 1.27 0.00	22.84 1.31 0.00	22.97 1.30 0.00	23.58 1.40 0.00	26.56 1.74 0.00	30.16 2.00 0.00	31.81 2.49 0.00	31.83 2.30 0.00	31.40 2.38 0.00	27.76 1.98 0.00	24.85 1.76 0.00	22.41 1.41 0.00
MONGAUP___HYD 23641	19.89 0.89 0.00	18.48 0.74 0.00	16.74 0.60 0.00	16.17 0.58 0.00	16.09 0.56 0.00	17.77 0.65 0.00	21.02 0.81 0.00	21.84 0.88 0.00	22.61 0.99 0.00	20.74 0.80 0.00	21.59 0.91 0.00	21.49 0.89 0.00	22.20 1.06 0.00	22.66 1.14 0.00	22.84 1.17 0.00	23.38 1.20 0.00	26.36 1.54 0.00	29.93 1.77 0.00	31.37 2.05 0.00	31.59 2.07 0.00	30.88 1.86 0.00	27.29 1.52 0.00	24.25 1.15 0.00	21.92 0.92 0.00
MONTAUK___DIESEL 23721	25.66 2.15 -4.51	26.14 1.90 -6.51	25.73 1.63 -7.96	19.05 1.34 -2.12	19.04 1.34 -2.17	20.53 1.59 -1.83	22.38 2.08 -0.09	23.32 2.37 0.00	24.55 2.83 -0.11	22.60 2.55 -0.11	23.56 2.88 0.00	29.54 3.09 -5.84	29.23 3.15 -4.94	31.61 3.21 -6.88	33.20 3.27 -8.25	38.68 3.44 -13.06	44.84 4.12 -15.90	49.45 4.65 -16.65	87.60 4.93 -53.35	43.03 4.90 -8.61	46.93 4.32 -13.58	39.47 3.71 -9.98	26.00 2.91 0.00	30.18 2.37 -6.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.55 0.55 0.00	18.06 0.32 0.00	16.58 0.44 0.00	16.00 0.41 0.00	15.97 0.43 0.00	17.90 0.79 0.00	20.87 0.67 0.00	21.61 0.65 0.00	22.28 0.67 0.00	20.90 0.96 0.00	21.63 0.95 0.00	21.57 0.97 0.00	22.08 0.93 0.00	22.30 0.77 0.00	22.50 0.82 0.00	22.94 0.75 0.00	25.59 0.77 0.00	28.50 0.34 0.00	29.94 0.62 0.00	30.29 0.77 0.00	29.43 0.41 0.00	26.57 0.80 0.00	23.90 0.81 0.00	21.78 0.78 0.00

MORTIMER_115KV_TB3 55949	19.00 0.00 0.00	17.58 -0.16 0.00	16.06 -0.08 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.22 0.10 0.00	20.17 -0.04 0.00	20.85 -0.10 0.00	21.46 -0.15 0.00	20.04 0.10 0.00	20.70 0.02 0.00	20.63 0.02 0.00	21.08 -0.06 0.00	21.35 -0.17 0.00	21.50 -0.17 0.00	22.05 -0.13 0.00	24.67 -0.15 0.00	27.74 -0.42 0.00	28.97 -0.35 0.00	29.26 -0.27 0.00	28.59 -0.44 0.00	25.70 -0.08 0.00	23.09 0.00 0.00	21.00 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.22 1.28 0.00	22.11 1.43 0.00	22.21 1.61 0.00	22.82 1.67 0.00	23.31 1.79 0.00	23.54 1.86 0.00	24.05 1.86 0.00	27.13 2.31 0.00	30.75 2.59 0.00	32.14 2.81 0.00	32.24 2.72 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
MUNSVILLE_WIND_PWR 323609	20.48 1.48 0.00	19.07 1.33 0.00	17.32 1.18 0.00	16.73 1.14 0.00	16.67 1.13 0.00	18.62 1.51 0.00	22.11 1.90 0.00	22.91 1.95 0.00	23.43 1.82 0.00	21.62 1.68 0.00	22.32 1.63 0.00	22.27 1.67 0.00	22.80 1.65 0.00	23.09 1.57 0.00	23.21 1.54 0.00	23.81 1.62 -0.01	26.89 1.91 -0.17	30.78 2.25 -0.37	32.46 2.70 -0.45	32.85 2.86 -0.46	32.20 2.76 -0.42	28.53 2.53 -0.23	25.22 2.12 0.00	22.79 1.78 0.00
N SALMON___HYD 24042	18.77 -0.23 0.00	17.63 -0.11 0.00	16.21 0.06 0.00	15.67 0.08 0.00	15.64 0.11 0.00	17.12 0.00 0.00	20.37 0.16 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.75 0.06 0.00	20.63 0.02 0.00	21.19 0.04 0.00	21.57 0.04 0.00	21.65 -0.02 0.00	22.12 -0.07 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.14 0.12 0.00	25.90 0.13 0.00	23.37 0.28 0.00	21.11 0.11 0.00
N.AKRON__115KV_KNAPP 355671	19.13 0.13 0.00	17.63 -0.11 0.00	16.18 0.03 0.00	15.61 0.02 0.00	15.57 0.03 0.00	17.41 0.29 0.00	20.27 0.06 0.00	20.87 -0.08 0.00	21.48 -0.13 0.00	20.16 0.22 0.00	20.81 0.12 0.00	20.73 0.12 0.00	21.17 0.02 0.00	21.40 -0.13 0.00	21.57 -0.11 0.00	22.10 -0.09 0.00	24.67 -0.15 0.00	27.57 -0.59 0.00	28.94 -0.38 0.00	29.26 -0.27 0.00	28.50 -0.52 0.00	25.80 0.03 0.00	23.23 0.14 0.00	21.15 0.15 0.00
N.BELMOR_69_KV_BK1 55787	20.62 1.60 -0.03	19.16 1.40 -0.02	17.36 1.19 -0.02	16.48 0.89 0.00	16.37 0.84 0.00	18.12 0.99 -0.01	21.44 1.23 0.00	22.44 1.49 0.00	23.41 1.79 0.00	21.48 1.54 0.00	22.42 1.74 0.00	28.27 1.94 -5.73	28.00 2.03 -4.82	28.96 2.13 -5.30	32.00 2.19 -8.14	37.48 2.24 -13.06	39.50 2.75 -11.92	47.74 3.04 -16.54	50.53 3.28 -17.92	39.11 3.22 -6.37	45.40 2.90 -13.48	38.07 2.42 -9.88	25.06 1.96 0.00	22.80 1.64 -0.16
N.E_GEN_SANDY PD 24062	19.84 0.84 0.00	18.59 0.85 0.00	16.85 0.71 0.00	16.31 0.72 0.00	16.25 0.71 0.00	17.84 0.72 0.00	21.02 0.81 0.00	21.90 0.94 0.00	22.56 0.95 0.00	20.70 0.76 0.00	21.55 0.87 0.00	21.41 0.80 0.00	22.10 0.95 0.00	22.60 1.08 0.00	22.69 1.02 0.00	23.23 1.04 0.00	26.16 1.34 0.00	29.79 1.63 0.00	31.26 1.93 0.00	31.44 1.92 0.00	30.73 1.71 0.00	27.14 1.37 0.00	24.13 1.04 0.00	21.78 0.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.95 0.95 0.00	18.57 0.83 0.00	16.84 0.69 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.78 0.67 0.00	21.10 0.89 0.00	22.02 1.07 0.00	22.85 1.23 0.00	20.98 1.04 0.00	21.86 1.18 0.00	21.92 1.32 0.00	22.54 1.40 0.00	23.03 1.51 0.00	23.23 1.56 0.00	23.76 1.58 0.00	26.80 1.99 0.00	30.41 2.25 0.00	31.75 2.43 0.00	31.89 2.36 0.00	31.11 2.09 0.00	27.47 1.70 0.00	24.34 1.25 0.00	21.97 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	20.36 1.35 -0.01	18.86 1.12 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.31 0.78 0.00	17.90 0.79 0.00	21.24 1.03 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.24 1.30 0.00	22.17 1.49 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.38 1.85 0.00	23.61 1.95 0.01	24.14 1.95 0.00	27.22 2.41 0.01	30.82 2.67 0.01	32.22 2.90 0.01	32.30 2.78 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.32 1.32 0.00
N.TROY___115KV_TB1 355778	19.78 0.78 0.00	18.54 0.80 0.00	16.89 0.74 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.78 0.67 0.00	20.99 0.79 0.00	21.82 0.86 0.00	22.48 0.86 0.00	20.60 0.66 0.00	21.43 0.74 0.00	21.39 0.78 0.00	21.95 0.80 0.00	22.41 0.88 0.00	22.52 0.85 0.00	23.05 0.87 0.00	25.91 1.09 0.00	29.54 1.38 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.59 1.57 0.00	27.04 1.26 0.00	24.13 1.04 0.00	21.78 0.78 0.00
NARROWS_GT1_1 24228	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_2 24229	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_3 24230	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_4 24231	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_5 24232	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00

NARROWS_GT1_6 24233	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_7 24234	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT1_8 24235	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_1 24236	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_2 24237	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_3 24238	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_4 24239	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_5 24240	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_6 24241	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_7 24242	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NARROWS_GT2_8 24243	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.82 0.82 0.00	18.75 1.01 0.00	17.06 0.92 0.00	16.45 0.86 0.00	16.37 0.84 0.00	17.90 0.79 0.00	21.14 0.93 0.00	21.69 0.73 0.00	22.35 0.73 0.00	20.42 0.48 0.00	21.20 0.52 0.00	21.08 0.47 0.00	21.66 0.51 0.00	22.11 0.58 0.00	22.21 0.54 0.00	22.78 0.60 0.00	25.59 0.77 0.00	29.23 1.07 0.00	30.85 1.52 0.00	31.12 1.59 0.00	30.56 1.54 0.00	27.01 1.24 0.00	24.13 1.04 0.00	21.80 0.80 0.00
NCHELSEA_115KV_TR2 355582	20.05 1.05 0.00	18.64 0.90 0.00	16.94 0.79 0.00	16.29 0.70 0.00	16.23 0.70 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.05 1.09 0.00	22.87 1.25 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.90 1.30 0.00	22.54 1.40 0.00	23.01 1.49 0.00	23.21 1.54 0.00	23.74 1.55 0.00	26.80 1.99 0.00	30.41 2.25 0.00	31.81 2.49 0.00	31.97 2.45 0.00	31.23 2.21 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.07 1.07 0.00
NEG CAPITAL____MECHNVIL 23645	20.05 1.04 0.00	18.77 1.03 0.00	17.00 0.86 0.00	16.43 0.84 0.00	16.36 0.82 0.00	18.04 0.92 0.00	21.30 1.09 0.00	22.07 1.11 0.00	22.76 1.14 0.00	20.86 0.92 0.00	21.70 1.01 0.00	21.55 0.95 0.00	22.20 1.06 0.00	22.64 1.12 0.00	22.75 1.08 0.00	23.36 1.18 0.00	26.28 1.46 0.00	29.93 1.77 0.00	31.49 2.17 0.00	31.65 2.13 0.00	31.05 2.03 0.00	27.47 1.70 0.00	24.50 1.41 0.00	22.11 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.64 -0.36 0.00	17.26 -0.48 0.00	15.74 -0.40 0.00	15.20 -0.39 0.00	15.16 -0.37 0.00	16.81 -0.31 0.00	19.80 -0.40 0.00	20.52 -0.44 0.00	21.18 -0.43 0.00	19.68 -0.26 0.00	20.31 -0.37 0.00	20.32 -0.29 0.00	20.70 -0.45 0.00	20.96 -0.56 0.00	21.11 -0.56 0.00	21.65 -0.53 0.00	24.22 -0.60 0.00	27.31 -0.84 0.00	28.50 -0.82 0.00	28.79 -0.74 0.00	28.15 -0.87 0.00	25.23 -0.54 0.00	22.65 -0.44 0.00	20.60 -0.40 0.00

NEG CENTRAL___DRP 24199	19.17 0.17 0.00	17.79 0.05 0.00	16.21 0.06 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.34 0.22 0.00	20.47 0.26 0.00	21.19 0.23 0.00	21.77 0.15 0.00	20.24 0.30 0.00	20.93 0.25 0.00	20.83 0.23 0.00	21.34 0.19 0.00	21.63 0.11 0.00	21.78 0.11 0.00	22.31 0.11 -0.02	25.25 0.17 -0.26	28.86 0.11 -0.59	30.29 0.26 -0.70	30.57 0.32 -0.73	29.89 0.20 -0.67	26.46 0.34 -0.36	23.39 0.30 0.00	21.25 0.25 0.00
NEG CENTRAL___INDECK 23768	19.63 0.63 0.00	18.11 0.37 0.00	16.55 0.40 0.00	15.97 0.37 0.00	15.94 0.40 0.00	17.77 0.65 0.00	20.91 0.71 0.00	21.61 0.65 0.00	22.15 0.54 0.00	20.50 0.56 0.00	21.08 0.39 0.00	21.06 0.45 0.00	21.47 0.32 0.00	21.65 0.13 0.00	21.82 0.15 0.00	22.38 0.20 0.00	25.12 0.30 0.00	28.33 0.17 0.00	29.85 0.53 0.00	30.38 0.86 0.00	29.77 0.75 0.00	26.80 1.03 0.00	24.04 0.95 0.00	21.76 0.75 0.00
NEG CENTRAL___SENECA 23627	19.25 0.25 0.00	17.83 0.09 0.00	16.26 0.11 0.00	15.67 0.08 0.00	15.66 0.12 0.00	17.44 0.33 0.00	20.57 0.36 0.00	21.29 0.34 0.00	21.87 0.26 0.00	20.36 0.42 0.00	21.04 0.35 0.00	20.96 0.35 0.00	21.46 0.32 0.00	21.74 0.22 0.00	21.89 0.22 0.00	22.41 0.22 -0.01	25.27 0.32 -0.13	28.67 0.23 -0.28	30.04 0.38 -0.34	30.35 0.47 -0.35	29.66 0.32 -0.32	26.43 0.49 -0.17	23.53 0.44 0.00	21.34 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	19.19 0.19 0.00	17.83 0.09 0.00	16.21 0.06 0.00	15.64 0.05 0.00	15.60 0.06 0.00	17.32 0.21 0.00	20.45 0.24 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.81 0.21 0.00	21.34 0.19 0.00	21.65 0.13 0.00	21.82 0.15 0.00	22.34 0.13 -0.02	25.37 0.20 -0.36	29.13 0.17 -0.80	30.58 0.29 -0.96	30.87 0.35 -0.99	30.20 0.26 -0.91	26.57 0.31 -0.49	23.37 0.28 0.00	21.25 0.25 0.00
NEG MILLWOOD___DRP 24198	20.12 1.12 0.00	18.71 0.98 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.30 0.76 0.00	17.94 0.82 0.00	21.24 1.03 0.00	22.13 1.17 0.00	23.00 1.38 0.00	21.08 1.14 0.00	21.97 1.28 0.00	22.01 1.40 0.00	22.65 1.50 0.00	23.12 1.59 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.98 2.16 0.00	30.61 2.45 0.00	32.02 2.70 0.00	32.21 2.69 0.00	31.43 2.41 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.16 1.16 0.00
NEG NORTH_FLCN_SEA 23793	19.08 0.08 0.00	17.93 0.20 0.00	16.32 0.18 0.00	15.89 0.30 0.00	15.85 0.31 0.00	17.46 0.34 0.00	20.75 0.55 0.00	21.58 0.63 0.00	22.22 0.61 0.00	20.66 0.72 0.00	20.91 0.23 0.00	20.77 0.16 0.00	21.34 0.19 0.00	21.74 0.22 0.00	21.87 0.20 0.00	22.38 0.20 0.00	24.92 0.10 0.00	28.33 0.17 0.00	29.26 -0.06 0.00	29.58 0.06 0.00	29.95 0.93 0.00	26.52 0.75 0.00	23.85 0.76 0.00	21.57 0.57 0.00
NEG NORTH_KES_CHATEGAY 23792	18.73 -0.27 0.00	17.60 -0.14 0.00	16.03 -0.11 0.00	15.59 0.00 0.00	15.57 0.03 0.00	17.10 -0.02 0.00	20.29 0.08 0.00	21.08 0.13 0.00	21.70 0.09 0.00	20.12 0.18 0.00	20.64 -0.04 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.46 -0.06 0.00	21.58 -0.09 0.00	22.10 -0.09 0.00	24.57 -0.25 0.00	27.93 -0.23 0.00	28.88 -0.44 0.00	29.17 -0.35 0.00	29.17 0.15 0.00	25.88 0.10 0.00	23.28 0.18 0.00	21.09 0.08 0.00
NEG NORTH___ALICE_FALLS 23915	19.04 0.04 0.00	17.90 0.16 0.00	16.29 0.15 0.00	15.84 0.25 0.00	15.81 0.28 0.00	17.43 0.31 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.60 0.66 0.00	20.93 0.25 0.00	20.81 0.21 0.00	21.38 0.23 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.43 0.24 0.00	24.97 0.15 0.00	28.38 0.23 0.00	29.35 0.03 0.00	29.67 0.15 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.81 0.72 0.00	21.53 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	19.04 0.04 0.00	17.90 0.16 0.00	16.29 0.15 0.00	15.84 0.25 0.00	15.81 0.28 0.00	17.43 0.31 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.60 0.66 0.00	20.93 0.25 0.00	20.81 0.21 0.00	21.38 0.23 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.43 0.24 0.00	24.97 0.15 0.00	28.38 0.23 0.00	29.35 0.03 0.00	29.67 0.15 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.81 0.72 0.00	21.53 0.53 0.00
NEG NORTH___PLATTSBURG 23628	19.04 0.04 0.00	17.90 0.16 0.00	16.39 0.24 0.00	15.84 0.25 0.00	15.81 0.28 0.00	17.39 0.27 0.00	20.71 0.51 0.00	21.54 0.59 0.00	22.15 0.54 0.00	20.60 0.66 0.00	20.93 0.25 0.00	20.79 0.19 0.00	21.38 0.23 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.43 0.24 0.00	24.97 0.15 0.00	28.38 0.22 0.00	29.35 0.03 0.00	29.67 0.15 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.88 0.79 0.00	21.53 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.36 -0.17 0.00	17.19 0.07 0.00	19.94 -0.26 0.00	20.52 -0.44 0.00	21.14 -0.48 0.00	19.86 -0.08 0.00	20.54 -0.14 0.00	20.44 -0.16 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.26 -0.41 0.00	21.78 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.44 -0.88 0.00	28.76 -0.77 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
NEG WEST___LANCASTR 23811	19.19 0.19 0.00	17.72 -0.02 0.00	16.24 0.10 0.00	15.67 0.08 0.00	15.63 0.09 0.00	17.49 0.38 0.00	20.41 0.20 0.00	20.91 -0.04 0.00	21.57 -0.04 0.00	20.22 0.28 0.00	20.93 0.25 0.00	20.87 0.27 0.00	21.36 0.21 0.00	21.61 0.09 0.00	21.78 0.11 0.00	22.27 0.09 0.00	24.92 0.10 0.00	27.85 -0.31 0.00	29.17 -0.15 0.00	29.49 -0.03 0.00	28.67 -0.35 0.00	25.85 0.08 0.00	23.23 0.14 0.00	21.32 0.32 0.00
NEG_PENN_ALLEGHNY 23528	19.30 0.30 0.00	17.93 0.20 0.00	16.31 0.16 0.00	15.75 0.16 0.00	15.71 0.17 0.00	17.39 0.27 0.00	20.55 0.34 0.00	21.29 0.33 0.00	21.96 0.34 0.00	20.32 0.38 0.00	21.06 0.37 0.00	21.00 0.39 0.00	21.55 0.40 0.00	21.89 0.37 0.00	22.04 0.37 0.00	22.57 0.38 -0.01	25.42 0.45 -0.16	28.94 0.42 -0.36	30.31 0.56 -0.43	30.56 0.59 -0.44	29.87 0.44 -0.41	26.48 0.49 -0.22	23.48 0.39 0.00	21.34 0.33 0.00
NEG___GEN_MONROE 24207	19.06 0.06 0.00	17.63 -0.11 0.00	16.11 -0.03 0.00	15.55 -0.05 0.00	15.49 -0.05 0.00	17.29 0.17 0.00	20.25 0.04 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	20.12 0.18 0.00	20.75 0.06 0.00	20.69 0.08 0.00	21.11 -0.04 0.00	21.37 -0.15 0.00	21.56 -0.11 0.00	22.12 -0.07 0.00	24.69 -0.12 0.00	27.74 -0.42 0.00	29.03 -0.29 0.00	29.32 -0.21 0.00	28.67 -0.35 0.00	25.80 0.03 0.00	23.18 0.09 0.00	21.15 0.15 0.00
NEPA___ENERGY 23901	19.19 0.19 0.00	17.72 -0.02 0.00	16.24 0.10 0.00	15.67 0.08 0.00	15.63 0.09 0.00	17.49 0.38 0.00	20.41 0.20 0.00	21.04 0.08 0.00	21.70 0.09 0.00	20.32 0.38 0.00	21.04 0.35 0.00	21.00 0.39 0.00	21.49 0.34 0.00	21.72 0.19 0.00	21.89 0.22 0.00	22.38 0.20 0.00	25.07 0.25 0.00	28.02 -0.14 0.00	29.32 0.00 0.00	29.64 0.12 0.00	28.85 -0.17 0.00	26.00 0.23 0.00	23.35 0.25 0.00	21.30 0.29 0.00

NEVERSINK___HYD 23608	19.68 0.68 0.00	18.25 0.51 0.00	16.53 0.39 0.00	15.95 0.36 0.00	15.88 0.34 0.00	17.56 0.44 0.00	20.77 0.56 0.00	21.63 0.67 0.00	22.41 0.80 0.00	20.60 0.66 0.00	21.47 0.79 0.00	21.37 0.76 0.00	22.08 0.93 0.00	22.51 0.99 0.00	22.71 1.04 0.00	23.27 1.09 0.00	26.28 1.46 0.00	29.79 1.63 0.00	31.17 1.85 0.00	31.35 1.83 0.00	30.65 1.62 0.00	27.09 1.31 0.00	23.99 0.90 0.00	21.67 0.67 0.00
NEWKRMKL_115KV_TB1 55635	19.48 0.48 0.00	18.45 0.71 0.00	16.81 0.66 0.00	16.20 0.61 0.00	16.11 0.57 0.00	17.61 0.50 0.00	20.77 0.57 0.00	21.44 0.48 0.00	22.11 0.50 0.00	20.28 0.34 0.00	21.10 0.41 0.00	21.04 0.43 0.00	21.61 0.47 0.00	22.04 0.52 0.00	22.17 0.50 0.00	22.72 0.53 0.00	25.44 0.62 0.00	28.97 0.82 0.00	30.44 1.11 0.00	30.62 1.09 0.00	29.98 0.96 0.00	26.49 0.72 0.00	23.69 0.60 0.00	21.40 0.40 0.00
NEWTON___FALLS_HYD 23847	18.89 -0.11 0.00	17.65 -0.09 0.00	16.10 -0.05 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.15 0.03 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.35 -0.01	24.42 -0.55 -0.14	27.95 -0.53 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.14 0.05 0.00	20.98 -0.02 0.00
NGRID_A1_DSASP 323792	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.69 -0.43 0.00	19.48 -0.73 0.00	19.99 -0.96 0.00	20.81 -0.80 0.01	19.42 -0.52 0.01	20.04 -0.64 0.01	20.02 -0.58 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.27 -0.91 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.71 -1.61 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.67 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
NGRID_A2_DSASP 323793	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.69 -0.43 0.00	19.48 -0.73 0.00	19.99 -0.96 0.00	20.81 -0.80 0.01	19.42 -0.52 0.01	20.04 -0.64 0.01	20.02 -0.58 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.27 -0.91 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.71 -1.61 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.67 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
NGRID_A4_DSASP 323807	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.69 -0.43 0.00	19.48 -0.73 0.00	19.99 -0.96 0.00	20.77 -0.82 0.02	19.39 -0.54 0.02	20.00 -0.66 0.02	19.99 -0.60 0.02	20.39 -0.74 0.02	20.60 -0.90 0.02	20.74 -0.91 0.02	21.26 -0.91 0.02	23.70 -1.12 0.00	26.44 -1.72 0.00	27.71 -1.61 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.67 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
NIAGARA_115E_LBMP 323715	18.66 -0.34 0.00	17.19 -0.55 0.00	15.77 -0.37 0.00	15.22 -0.37 0.00	15.19 -0.34 0.00	16.88 -0.24 0.00	19.68 -0.53 0.00	20.20 -0.75 0.00	20.99 -0.63 0.00	19.58 -0.36 0.00	20.21 -0.47 0.00	20.19 -0.41 0.00	20.60 -0.55 0.00	20.82 -0.71 0.00	20.96 -0.71 0.00	21.45 -0.73 0.00	23.95 -0.87 0.00	26.72 -1.43 0.00	28.00 -1.32 0.00	28.31 -1.21 0.00	27.54 -1.48 0.00	24.92 -0.85 0.00	22.49 -0.60 0.00	20.58 -0.42 0.00
NIAGARA_115W_LBMP 323714	18.39 -0.61 0.00	16.98 -0.76 0.00	15.56 -0.58 0.00	15.02 -0.58 0.00	14.99 -0.54 0.00	16.64 -0.48 0.00	19.44 -0.77 0.00	19.95 -1.01 0.00	20.73 -0.87 0.02	19.33 -0.60 0.02	19.96 -0.70 0.02	19.95 -0.64 0.02	20.35 -0.78 0.02	20.53 -0.97 0.02	20.70 -0.95 0.02	21.19 -0.98 0.02	23.63 -1.19 0.00	26.35 -1.80 0.00	27.62 -1.70 0.00	27.93 -1.59 0.00	27.19 -1.83 0.00	24.59 -1.19 0.00	22.21 -0.88 0.00	20.33 -0.67 0.00
NIAGARA_230_LBMP 323716	18.68 -0.32 0.00	17.22 -0.51 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.21 -0.33 0.00	16.89 -0.22 0.00	19.74 -0.46 0.00	20.24 -0.71 0.00	21.03 -0.58 0.00	19.62 -0.32 0.00	20.25 -0.44 0.00	20.24 -0.37 0.00	20.64 -0.51 0.00	20.86 -0.67 0.00	21.00 -0.67 0.00	21.52 -0.66 0.00	24.00 -0.82 0.00	26.81 -1.35 0.00	28.09 -1.23 0.00	28.37 -1.15 0.00	27.66 -1.36 0.00	25.00 -0.77 0.00	22.54 -0.55 0.00	20.62 -0.38 0.00
NIAGARA___115KV_198_GIBSON 55903	18.39 -0.61 0.00	16.98 -0.76 0.00	15.56 -0.58 0.00	15.02 -0.58 0.00	14.99 -0.54 0.00	16.74 -0.38 0.00	19.44 -0.77 0.00	19.95 -1.01 0.00	20.56 -1.04 0.02	19.32 -0.60 0.02	20.00 -0.66 0.02	19.88 -0.70 0.02	20.35 -0.78 0.02	20.53 -0.97 0.02	20.70 -0.95 0.02	21.19 -0.98 0.02	23.63 -1.19 0.00	26.36 -1.80 0.00	27.62 -1.70 0.00	27.93 -1.59 0.00	27.19 -1.83 0.00	24.59 -1.19 0.00	22.21 -0.88 0.00	20.33 -0.67 0.00
NIAGARA____ 23760	18.68 -0.32 0.00	17.22 -0.51 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.21 -0.33 0.00	16.89 -0.22 0.00	19.74 -0.46 0.00	20.24 -0.71 0.00	21.02 -0.58 0.01	19.62 -0.32 0.01	20.24 -0.44 0.01	20.23 -0.37 0.01	20.63 -0.51 0.01	20.85 -0.67 0.01	20.99 -0.67 0.01	21.51 -0.66 0.01	24.00 -0.82 0.00	26.81 -1.35 0.00	28.09 -1.23 0.00	28.37 -1.15 0.00	27.66 -1.36 0.00	25.00 -0.77 0.00	22.54 -0.55 0.00	20.62 -0.38 0.00
NINE_MILE_1 23575	18.62 -0.38 0.00	17.35 -0.39 0.00	15.77 -0.37 0.00	15.23 -0.36 0.00	15.19 -0.34 0.00	16.77 -0.34 0.00	19.76 -0.44 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.48 -0.46 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.56 -0.59 0.00	20.88 -0.65 0.00	21.02 -0.65 0.00	21.35 -0.66 0.17	21.28 -0.72 2.82	20.92 -0.87 6.36	20.84 -0.85 7.63	20.82 -0.83 7.88	20.90 -0.87 7.25	21.18 -0.72 3.87	22.47 -0.62 0.00	20.58 -0.42 0.00
NINE_MILE_2 23744	18.62 -0.38 0.00	17.35 -0.39 0.00	15.77 -0.37 0.00	15.23 -0.36 0.00	15.19 -0.34 0.00	16.77 -0.34 0.00	19.76 -0.44 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.48 -0.46 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.56 -0.59 0.00	20.88 -0.65 0.00	21.02 -0.65 0.00	21.35 -0.66 0.17	21.23 -0.72 2.86	20.82 -0.87 6.46	20.72 -0.85 7.75	20.70 -0.83 8.00	20.79 -0.87 7.36	21.13 -0.72 3.92	22.47 -0.62 0.00	20.58 -0.42 0.00
NM_CAPITAL___DRP 24208	19.55 0.55 0.00	18.48 0.75 0.00	16.84 0.69 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.65 0.53 0.00	20.83 0.63 0.00	21.50 0.54 0.00	22.18 0.56 0.00	20.32 0.38 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.21 0.54 0.00	22.76 0.58 0.00	25.51 0.69 0.00	29.06 0.90 0.00	30.52 1.20 0.00	30.70 1.18 0.00	30.07 1.04 0.00	26.57 0.80 0.00	23.76 0.67 0.00	21.46 0.46 0.00
NM_CENTRAL___DRP 24181	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.12 0.00 0.00	20.19 -0.02 0.00	20.89 -0.06 0.00	21.53 -0.09 0.00	19.94 0.00 0.00	20.66 -0.02 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.37 -0.15 0.00	21.52 -0.15 0.00	22.04 -0.16 -0.01	24.89 -0.15 -0.22	28.43 -0.23 -0.50	29.78 -0.15 -0.60	30.06 -0.09 -0.62	29.42 -0.17 -0.57	25.97 -0.10 -0.30	23.00 -0.09 0.00	21.00 0.00 0.00

NM_FRONTIER___DRP 24179	18.39 -0.61 0.00	16.98 -0.76 0.00	15.56 -0.58 0.00	15.02 -0.58 0.00	14.99 -0.54 0.00	16.74 -0.38 0.00	19.44 -0.77 0.00	19.95 -1.01 0.00	20.56 -1.04 0.02	19.32 -0.60 0.02	20.00 -0.66 0.02	19.88 -0.70 0.02	20.35 -0.78 0.02	20.53 -0.97 0.02	20.70 -0.95 0.02	21.19 -0.98 0.02	23.63 -1.19 0.00	26.36 -1.80 0.00	27.62 -1.70 0.00	27.93 -1.59 0.00	27.19 -1.83 0.00	24.59 -1.19 0.00	22.21 -0.88 0.00	20.33 -0.67 0.00
NM_ST_REGIS___HYD 24053	18.54 -0.46 0.00	17.38 -0.35 0.00	15.89 -0.26 0.00	15.59 0.00 0.00	15.55 0.02 0.00	16.88 -0.24 0.00	20.04 -0.16 0.00	20.81 -0.15 0.00	21.35 -0.26 0.00	19.76 -0.18 0.00	20.37 -0.31 0.00	20.30 -0.31 0.00	20.83 -0.32 0.00	21.18 -0.34 0.00	21.19 -0.48 0.00	21.59 -0.60 0.00	23.90 -0.92 0.00	27.17 -0.99 0.00	28.12 -1.20 0.00	28.40 -1.12 0.00	28.24 -0.78 0.00	25.28 -0.49 0.00	22.86 -0.23 0.00	20.71 -0.29 0.00
NORTHPORT___1 23551	20.61 1.58 -0.04	19.14 1.37 -0.03	17.10 0.92 -0.04	16.41 0.81 -0.01	16.35 0.81 -0.01	18.10 0.98 -0.01	21.52 1.31 0.00	22.55 1.59 0.00	23.43 1.82 0.00	21.54 1.60 0.00	22.38 1.70 0.00	28.10 1.77 -5.73	27.96 1.99 -4.82	28.83 2.00 -5.30	31.85 2.04 -8.14	37.51 2.26 -13.06	39.45 2.71 -11.92	47.68 2.98 -16.54	50.38 3.14 -17.92	38.99 3.10 -6.37	45.29 2.79 -13.48	38.02 2.37 -9.88	25.15 2.05 0.00	22.81 1.64 -0.17
NORTHPORT___2 23552	20.61 1.58 -0.04	19.14 1.37 -0.03	17.10 0.92 -0.04	16.41 0.81 -0.01	16.35 0.81 -0.01	18.10 0.98 -0.01	21.52 1.31 0.00	22.55 1.59 0.00	23.43 1.82 0.00	21.54 1.60 0.00	22.38 1.70 0.00	28.10 1.77 -5.73	27.96 1.99 -4.82	28.83 2.00 -5.30	31.85 2.04 -8.14	37.51 2.26 -13.06	39.45 2.71 -11.92	47.68 2.98 -16.54	50.38 3.14 -17.92	38.99 3.10 -6.37	45.29 2.79 -13.48	38.02 2.37 -9.88	25.15 2.05 0.00	22.81 1.64 -0.17
NORTHPORT___3 23553	20.89 1.81 -0.09	19.48 1.63 -0.11	17.44 1.16 -0.13	16.68 1.06 -0.03	16.62 1.06 -0.03	18.38 1.23 -0.03	21.33 1.13 0.01	22.36 1.40 0.00	23.49 1.88 0.01	21.53 1.60 0.01	22.86 2.17 0.00	28.22 1.89 -5.72	28.10 2.14 -4.82	29.10 2.26 -5.32	31.95 2.15 -8.13	36.97 1.73 -13.06	38.95 2.46 -11.68	47.70 3.01 -16.53	48.39 3.34 -15.73	38.97 3.22 -6.23	45.16 2.67 -13.47	37.68 2.04 -9.87	24.89 1.80 0.00	23.10 1.85 -0.25
NORTHPORT___4 23650	20.89 1.81 -0.09	19.48 1.63 -0.11	17.44 1.16 -0.13	16.68 1.06 -0.03	16.62 1.06 -0.03	18.38 1.23 -0.03	21.33 1.13 0.01	22.36 1.40 0.00	23.49 1.88 0.01	21.53 1.60 0.01	22.86 2.17 0.00	28.22 1.89 -5.72	28.10 2.14 -4.82	29.10 2.26 -5.32	31.95 2.15 -8.13	36.97 1.73 -13.06	38.95 2.46 -11.68	47.70 3.01 -16.53	48.39 3.34 -15.73	38.97 3.22 -6.23	45.16 2.67 -13.47	37.68 2.04 -9.87	24.89 1.80 0.00	23.10 1.85 -0.25
NORTHPORT___IC 23718	20.63 1.60 -0.03	19.14 1.38 -0.02	17.36 1.18 -0.04	16.45 0.86 0.00	16.35 0.81 -0.01	18.09 0.96 -0.01	21.54 1.33 0.00	22.55 1.59 0.00	23.45 1.84 0.00	21.54 1.60 0.00	22.48 1.80 0.00	28.23 1.90 -5.73	27.96 1.99 -4.82	28.83 2.00 -5.30	31.85 2.04 -8.14	37.51 2.26 -13.06	39.45 2.71 -11.92	47.68 2.98 -16.54	50.38 3.14 -17.92	38.96 3.07 -6.37	45.29 2.79 -13.48	38.02 2.37 -9.88	25.15 2.06 0.00	22.81 1.64 -0.17
NORTH___COUNTRY_ESR 323785	18.70 -0.30 0.00	17.54 -0.19 0.00	16.10 -0.05 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.03 -0.09 0.00	20.23 0.02 0.00	21.02 0.06 0.00	21.66 0.04 0.00	20.08 0.14 0.00	20.60 -0.08 0.00	20.48 -0.12 0.00	21.04 -0.11 0.00	21.42 -0.11 0.00	21.54 -0.13 0.00	22.05 -0.13 0.00	24.52 -0.30 0.00	27.88 -0.28 0.00	28.79 -0.53 0.00	29.05 -0.47 0.00	29.05 0.03 0.00	25.77 0.00 0.00	23.26 0.16 0.00	21.02 0.02 0.00
NPX_GEN_1385_PROXY 323591	20.56 1.52 -0.04	19.08 1.31 -0.03	17.07 0.89 -0.04	16.39 0.79 -0.01	16.33 0.79 -0.01	18.09 0.96 -0.01	21.46 1.25 0.00	22.51 1.55 0.00	23.36 1.75 0.00	21.44 1.50 0.00	22.15 1.47 0.00	23.99 1.44 -1.94	24.00 1.67 -1.18	24.85 1.68 -1.65	25.62 1.73 -2.21	26.17 1.93 -2.06	30.29 2.33 -3.14	33.73 2.56 -3.01	36.10 2.76 -4.02	36.85 2.71 -4.61	35.96 2.35 -4.59	31.75 1.98 -3.99	25.05 1.96 0.00	22.75 1.58 -0.17
NPX_GEN_CSC 323557	25.11 1.65 -4.46	25.74 1.45 -6.55	25.13 1.00 -7.98	18.63 0.90 -2.13	18.61 0.90 -2.17	20.01 1.06 -1.83	21.69 1.39 -0.09	22.59 1.64 0.00	23.62 1.90 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.56 2.17 -6.86	32.16 2.23 -8.25	37.64 2.40 -13.06	43.60 2.93 -15.85	48.10 3.29 -16.65	85.74 3.49 -52.93	41.56 3.45 -8.58	45.68 3.07 -13.58	38.33 2.58 -9.98	25.22 2.12 0.00	29.42 1.70 -6.72
NSINS_S_GLNS_FALLS 23858	20.31 1.31 0.00	18.98 1.24 0.00	17.24 1.10 0.00	16.62 1.03 0.00	16.54 1.01 0.00	18.26 1.15 0.00	21.58 1.37 0.00	22.32 1.36 0.00	23.04 1.43 0.00	21.10 1.16 0.00	21.97 1.28 0.00	21.86 1.26 0.00	22.44 1.29 0.00	22.86 1.33 0.00	22.99 1.32 0.00	23.61 1.42 0.00	26.58 1.76 0.00	30.18 2.03 0.00	31.81 2.49 0.00	31.83 2.30 0.00	31.40 2.38 0.00	27.78 2.01 0.00	24.87 1.78 0.00	22.43 1.43 0.00
NUCOR_STEEL___DRP 24197	19.21 0.21 0.00	17.86 0.12 0.00	16.26 0.11 0.00	15.67 0.08 0.00	15.64 0.11 0.00	17.34 0.22 0.00	20.47 0.26 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.18 0.24 0.00	20.89 0.21 0.00	20.77 0.16 0.00	21.30 0.15 0.00	21.61 0.09 0.00	21.78 0.11 0.00	22.30 0.09 -0.02	25.35 0.15 -0.38	29.16 0.14 -0.86	30.59 0.23 -1.03	30.89 0.30 -1.07	30.24 0.23 -0.98	26.58 0.28 -0.52	23.35 0.25 0.00	21.25 0.25 0.00
NUMBER_THREE_WT_PWR 323818	19.34 0.34 0.00	18.06 0.32 0.00	16.48 0.34 0.00	15.94 0.34 0.00	15.88 0.34 0.00	17.55 0.43 0.00	20.79 0.59 0.00	21.56 0.61 0.00	22.11 0.50 0.00	20.40 0.46 0.00	21.08 0.39 0.00	21.04 0.43 0.00	21.55 0.40 0.00	21.87 0.34 0.00	21.93 0.26 0.00	22.44 0.24 -0.01	25.21 0.22 -0.17	28.88 0.34 -0.38	30.31 0.53 -0.46	30.68 0.68 -0.48	30.16 0.70 -0.44	26.68 0.67 -0.23	23.69 0.60 0.00	21.46 0.46 0.00
NYISO_LBMP_REFERENCE 24008	19.00 0.00 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.59 0.00 0.00	15.53 0.00 0.00	17.12 0.00 0.00	20.21 0.00 0.00	20.96 0.00 0.00	21.61 0.00 0.00	19.94 0.00 0.00	20.68 0.00 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.52 0.00 0.00	21.67 0.00 0.00	22.19 0.00 0.00	24.82 0.00 0.00	28.16 0.00 0.00	29.32 0.00 0.00	29.52 0.00 0.00	29.02 0.00 0.00	25.77 0.00 0.00	23.09 0.00 0.00	21.00 0.00 0.00
NYPA_BRENTWD____GT 24164	21.25 1.82 -0.43	19.90 1.58 -0.58	17.95 1.10 -0.71	16.77 1.00 -0.18	16.72 1.00 -0.19	18.47 1.18 -0.17	21.75 1.53 -0.01	22.78 1.82 0.00	23.70 2.08 -0.01	21.78 1.83 -0.01	22.69 2.01 0.00	28.42 2.08 -5.74	28.28 2.31 -4.83	29.33 2.37 -5.44	32.25 2.43 -8.15	37.84 2.59 -13.06	40.21 3.15 -12.24	48.22 3.52 -16.55	53.70 3.64 -20.74	39.64 3.57 -6.55	45.82 3.31 -13.49	38.47 2.81 -9.88	25.42 2.33 0.00	23.66 1.91 -0.75

NYPA_GOWANUS____GT5 24156	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NYPA_GOWANUS____GT6 24157	20.32 1.31 -0.01	18.80 1.06 0.00	16.95 0.81 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.19 1.59 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.84 2.06 0.00	24.64 1.55 0.00	22.33 1.32 0.00
NYPA_HARLEM__RVR__GT1 24160	20.30 1.29 -0.01	18.82 1.08 0.00	16.97 0.82 0.00	16.37 0.78 0.00	16.28 0.75 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.19 1.26 0.01	22.12 1.45 0.01	22.06 1.46 0.01	22.83 1.69 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.23 2.71 0.01	31.39 2.38 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
NYPA_HARLEM__RVR__GT2 24161	20.30 1.29 -0.01	18.82 1.08 0.00	16.97 0.82 0.00	16.37 0.78 0.00	16.28 0.75 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.19 1.26 0.01	22.12 1.45 0.01	22.06 1.46 0.01	22.83 1.69 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.23 2.71 0.01	31.39 2.38 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
NYPA_KENT____GT 24152	20.28 1.27 -0.01	18.78 1.05 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.94 0.82 0.00	21.28 1.07 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.28 1.34 0.00	22.21 1.53 0.00	22.17 1.57 0.00	22.94 1.80 0.00	23.46 1.94 0.00	23.70 2.02 -0.01	24.20 2.02 0.00	27.33 2.51 -0.01	31.01 2.84 -0.01	32.38 3.05 -0.01	32.48 2.95 0.00	31.60 2.58 0.00	27.81 2.04 0.00	24.62 1.52 0.00	22.30 1.30 0.00
NYPA_POUCH1____GT 24155	20.30 1.29 -0.01	18.78 1.05 0.00	16.94 0.79 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.89 0.77 0.00	21.22 1.01 0.00	22.19 1.24 0.00	23.04 1.43 0.00	21.18 1.24 0.00	22.13 1.45 0.00	22.11 1.50 0.00	22.90 1.75 0.00	23.42 1.89 0.00	23.65 1.97 0.00	24.18 2.00 0.00	27.33 2.51 -0.01	31.04 2.87 -0.01	32.41 3.08 -0.01	32.50 2.98 0.00	31.60 2.58 0.00	27.81 2.04 0.00	24.62 1.52 0.00	22.30 1.30 0.00
NYPA_VERNON____GT2 24162	20.24 1.23 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.94 0.82 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.28 1.34 0.00	22.21 1.53 0.00	22.17 1.57 0.00	22.92 1.78 0.00	23.44 1.91 0.00	23.67 1.99 -0.01	24.18 2.00 0.00	27.29 2.46 -0.01	30.93 2.76 -0.01	32.32 2.99 -0.01	32.39 2.86 0.00	31.55 2.52 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.26 1.26 0.00
NYPA_VERNON____GT3 24163	20.24 1.23 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.94 0.82 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.28 1.34 0.00	22.21 1.53 0.00	22.17 1.57 0.00	22.92 1.78 0.00	23.44 1.91 0.00	23.67 1.99 -0.01	24.18 2.00 0.00	27.29 2.46 -0.01	30.93 2.76 -0.01	32.32 2.99 -0.01	32.39 2.86 0.00	31.55 2.52 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.26 1.26 0.00
NYPA__ASTORIA_CC1 323568	20.23 1.22 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.10 1.49 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.13 1.52 0.00	22.90 1.75 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
NYPA__ASTORIA_CC2 323569	20.23 1.22 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.10 1.49 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.13 1.52 0.00	22.90 1.75 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
NYPA__HOLTSVILL 23794	25.22 1.69 -4.53	25.78 1.49 -6.55	25.15 1.02 -7.99	18.65 0.92 -2.14	18.63 0.92 -2.18	20.05 1.10 -1.83	21.75 1.46 -0.09	22.65 1.70 0.00	23.69 1.97 -0.11	21.78 1.73 -0.11	22.57 1.88 0.00	28.38 1.94 -5.84	28.24 2.16 -4.94	30.61 2.20 -6.89	32.18 2.25 -8.25	37.64 2.40 -13.06	43.64 2.90 -15.92	48.04 3.24 -16.65	86.27 3.43 -53.52	41.53 3.39 -8.62	45.65 3.05 -13.58	38.33 2.58 -9.98	25.26 2.17 0.00	29.60 1.76 -6.83
NYPA____HELLGATE_GT1 24158	20.30 1.29 -0.01	18.82 1.08 0.00	16.97 0.82 0.00	16.37 0.78 0.00	16.28 0.75 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.19 1.26 0.01	22.12 1.45 0.01	22.06 1.46 0.01	22.83 1.69 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.23 2.71 0.01	31.39 2.38 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
NYPA____HELLGATE_GT2 24159	20.30 1.29 -0.01	18.82 1.08 0.00	16.97 0.82 0.00	16.37 0.78 0.00	16.28 0.75 0.00	17.89 0.77 0.00	21.19 0.99 0.01	22.21 1.26 0.01	23.03 1.43 0.01	21.19 1.26 0.01	22.12 1.45 0.01	22.06 1.46 0.01	22.83 1.69 0.01	23.32 1.81 0.01	23.55 1.88 0.01	24.06 1.88 0.01	27.17 2.36 0.01	30.77 2.62 0.01	32.16 2.84 0.01	32.23 2.71 0.01	31.39 2.38 0.01	27.62 1.86 0.01	24.47 1.39 0.01	22.28 1.28 0.00
NYS_BARGE__HYD 23848	18.89 -0.11 0.00	17.40 -0.34 0.00	15.97 -0.18 0.00	15.41 -0.19 0.00	15.38 -0.16 0.00	17.08 -0.03 0.00	19.94 -0.26 0.00	20.52 -0.44 0.00	21.29 -0.32 0.00	19.86 -0.08 0.00	20.50 -0.19 0.00	20.50 -0.10 0.00	20.89 -0.25 0.00	21.12 -0.41 0.00	21.28 -0.39 0.00	21.79 -0.40 0.00	24.30 -0.52 0.00	27.12 -1.04 0.00	28.47 -0.85 0.00	28.79 -0.74 0.00	28.01 -1.02 0.00	25.33 -0.44 0.00	22.86 -0.23 0.00	20.88 -0.13 0.00
OAK ORCHARD__HYD 24046	19.00 0.00 0.00	17.58 -0.16 0.00	16.05 -0.10 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.15 0.03 0.00	20.15 -0.06 0.00	20.85 -0.10 0.00	21.55 -0.06 0.00	20.04 0.10 0.00	20.68 0.00 0.00	20.69 0.08 0.00	21.08 -0.06 0.00	21.35 -0.17 0.00	21.50 -0.17 0.00	22.05 -0.13 0.00	24.67 -0.15 0.00	27.74 -0.42 0.00	28.97 -0.35 0.00	29.26 -0.27 0.00	28.59 -0.43 0.00	25.70 -0.08 0.00	23.07 -0.02 0.00	21.00 0.00 0.00

OAKDALE___35_KV_LOAD 356122	19.25 0.25 0.00	17.90 0.16 0.00	16.31 0.16 0.00	15.72 0.12 0.00	15.67 0.14 0.00	17.37 0.26 0.00	20.49 0.28 0.00	21.23 0.27 0.00	21.87 0.26 0.00	20.26 0.32 0.00	20.99 0.31 0.00	20.93 0.33 0.00	21.49 0.34 0.00	21.83 0.30 0.00	21.97 0.30 0.00	22.51 0.31 -0.01	25.37 0.40 -0.15	28.84 0.34 -0.35	30.21 0.47 -0.42	30.46 0.50 -0.43	29.80 0.38 -0.40	26.40 0.41 -0.21	23.42 0.32 0.00	21.27 0.27 0.00
OCC_CHEM___DRP 24175	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.79 -0.33 0.00	19.50 -0.71 0.00	19.99 -0.96 0.00	20.66 -0.95 0.01	19.42 -0.52 0.01	20.08 -0.60 0.01	19.98 -0.62 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.29 -0.89 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.68 -1.64 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.66 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
OH_GEN_PROXY 24063	18.68 -0.32 0.00	17.24 -0.50 0.00	15.80 -0.34 0.00	15.25 -0.34 0.00	15.21 -0.33 0.00	16.89 -0.22 0.00	19.76 -0.44 0.00	20.28 -0.67 0.00	21.07 -0.54 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.27 -0.33 0.00	20.68 -0.47 0.00	20.90 -0.62 0.00	21.04 -0.63 0.00	21.56 -0.62 0.00	24.07 -0.74 0.00	26.89 -1.27 0.00	28.18 -1.14 0.00	28.46 -1.06 0.00	27.72 -1.31 0.00	25.05 -0.72 0.00	22.56 -0.53 0.00	20.64 -0.36 0.00
OLIN_CORP_DRP 24177	18.68 -0.32 0.00	17.22 -0.51 0.00	15.81 -0.34 0.00	15.25 -0.34 0.00	15.21 -0.33 0.00	17.00 -0.12 0.00	19.72 -0.48 0.00	20.22 -0.73 0.00	20.86 -0.76 0.00	19.60 -0.34 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.62 -0.53 0.00	20.84 -0.69 0.00	20.98 -0.69 0.00	21.50 -0.69 0.00	23.97 -0.84 0.00	26.75 -1.41 0.00	28.03 -1.29 0.00	28.34 -1.18 0.00	27.57 -1.45 0.00	24.95 -0.82 0.00	22.51 -0.58 0.00	20.60 -0.40 0.00
OLIN_CORP_DSASP 323712	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.69 -0.43 0.00	19.48 -0.73 0.00	19.99 -0.96 0.00	20.81 -0.80 0.01	19.42 -0.52 0.01	20.04 -0.64 0.01	20.02 -0.58 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.27 -0.91 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.71 -1.61 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.67 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
ONEIDA_HERK_LFGE 323681	19.46 0.46 0.00	18.16 0.43 0.00	16.52 0.37 0.00	15.97 0.37 0.00	15.91 0.37 0.00	17.60 0.48 0.00	20.83 0.63 0.00	21.61 0.65 0.00	22.20 0.58 0.00	20.50 0.56 0.00	21.20 0.52 0.00	21.16 0.56 0.00	21.70 0.55 0.00	22.04 0.52 0.00	22.15 0.48 0.00	22.68 0.49 -0.01	25.45 0.55 -0.09	29.06 0.70 -0.20	30.44 0.88 -0.24	30.71 0.94 -0.25	30.15 0.90 -0.23	26.72 0.82 -0.12	23.78 0.69 0.00	21.55 0.55 0.00
ONEIDA___115KV_TB4 55905	19.59 0.59 0.00	18.25 0.51 0.00	16.60 0.45 0.00	16.01 0.42 0.00	15.95 0.42 0.00	17.72 0.60 0.00	20.93 0.73 0.00	21.71 0.75 0.00	22.31 0.69 0.00	20.62 0.68 0.00	21.35 0.66 0.00	21.28 0.68 0.00	21.82 0.68 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.86 0.67 -0.01	25.73 0.79 -0.12	29.35 0.93 -0.27	30.79 1.14 -0.32	31.04 1.18 -0.33	30.43 1.10 -0.31	26.94 1.01 -0.16	23.92 0.83 0.00	21.72 0.71 0.00
ONONDAGA_REF_OCCRA 23987	18.96 -0.04 0.00	17.65 -0.09 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.43 -0.11 0.00	17.08 -0.03 0.00	20.15 -0.06 0.00	20.87 -0.08 0.00	21.51 -0.11 0.00	19.92 -0.02 0.00	20.64 -0.04 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.37 -0.15 0.00	21.52 -0.15 0.00	22.05 -0.16 -0.02	24.95 -0.15 -0.28	28.60 -0.20 -0.64	29.97 -0.12 -0.76	30.22 -0.09 -0.79	29.57 -0.17 -0.72	26.06 -0.10 -0.39	23.00 -0.09 0.00	20.98 -0.02 0.00
ONONDAGA___COGEN 23986	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
ONTARIO___LFGE 23819	19.25 0.25 0.00	17.83 0.09 0.00	16.24 0.10 0.00	15.67 0.08 0.00	15.66 0.12 0.00	17.41 0.29 0.00	20.55 0.34 0.00	21.29 0.33 0.00	21.94 0.32 0.00	20.36 0.42 0.00	21.01 0.33 0.00	21.00 0.39 0.00	21.47 0.32 0.00	21.74 0.22 0.00	21.89 0.22 0.00	22.41 0.22 -0.01	25.27 0.32 -0.13	28.66 0.22 -0.28	30.04 0.38 -0.34	30.34 0.47 -0.35	29.66 0.32 -0.32	26.43 0.49 -0.17	23.53 0.44 0.00	21.34 0.33 0.00
ORANGEVILLE_WT_PWR 323706	19.10 0.10 0.00	17.62 -0.12 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.55 0.02 0.00	17.29 0.17 0.00	20.27 0.06 0.00	20.89 -0.06 0.00	21.66 0.04 0.00	20.16 0.22 0.00	20.83 0.15 0.00	20.81 0.21 0.00	21.27 0.13 0.00	21.52 0.00 0.00	21.67 0.00 0.00	22.18 0.00 0.00	24.82 0.00 0.00	27.79 -0.37 0.00	29.12 -0.20 0.00	29.44 -0.09 0.00	28.67 -0.35 0.00	25.82 0.05 0.00	23.23 0.14 0.00	21.19 0.19 0.00
ORANGEVILLE___ESR 323794	19.10 0.10 0.00	17.62 -0.12 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.55 0.02 0.00	17.29 0.17 0.00	20.27 0.06 0.00	20.89 -0.06 0.00	21.66 0.04 0.00	20.16 0.22 0.00	20.83 0.15 0.00	20.81 0.21 0.00	21.27 0.13 0.00	21.52 0.00 0.00	21.67 0.00 0.00	22.18 0.00 0.00	24.82 0.00 0.00	27.79 -0.37 0.00	29.12 -0.20 0.00	29.44 -0.09 0.00	28.67 -0.35 0.00	25.82 0.05 0.00	23.23 0.14 0.00	21.19 0.19 0.00
OSWEGATCHIE___HYD 24044	18.89 -0.11 0.00	17.65 -0.09 0.00	16.26 0.11 0.00	15.72 0.12 0.00	15.66 0.12 0.00	17.13 0.02 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.54 -0.06 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.41 -0.26 0.00	21.84 -0.36 -0.01	24.42 -0.55 -0.14	27.95 -0.54 -0.33	29.19 -0.53 -0.39	29.52 -0.41 -0.40	29.13 -0.26 -0.37	25.89 -0.08 -0.20	23.16 0.07 0.00	20.98 -0.02 0.00
OSWEGO___5 23606	18.77 -0.23 0.00	17.49 -0.25 0.00	15.90 -0.24 0.00	15.36 -0.23 0.00	15.32 -0.22 0.00	16.93 -0.19 0.00	19.94 -0.26 0.00	20.64 -0.31 0.00	21.27 -0.35 0.00	19.68 -0.26 0.00	20.39 -0.29 0.00	20.34 -0.27 0.00	20.77 -0.38 0.00	21.09 -0.43 0.00	21.24 -0.43 0.00	21.86 -0.44 -0.11	26.24 -0.47 -1.90	31.87 -0.56 -4.28	33.93 -0.53 -5.13	34.32 -0.50 -5.30	33.34 -0.55 -4.88	27.93 -0.44 -2.60	22.70 -0.39 0.00	20.77 -0.23 0.00
OSWEGO___6 23613	18.77 -0.23 0.00	17.49 -0.25 0.00	15.90 -0.24 0.00	15.36 -0.23 0.00	15.32 -0.22 0.00	16.93 -0.19 0.00	19.94 -0.26 0.00	20.64 -0.31 0.00	21.27 -0.35 0.00	19.68 -0.26 0.00	20.39 -0.29 0.00	20.34 -0.27 0.00	20.77 -0.38 0.00	21.09 -0.43 0.00	21.24 -0.43 0.00	21.86 -0.44 -0.11	26.24 -0.47 -1.90	31.87 -0.56 -4.28	33.93 -0.53 -5.13	34.32 -0.50 -5.30	33.34 -0.55 -4.88	27.93 -0.44 -2.60	22.70 -0.39 0.00	20.77 -0.23 0.00

OUTOKUMPU-AB___DRP 24206	18.96 -0.04 0.00	17.49 -0.25 0.00	16.05 -0.10 0.00	15.47 -0.12 0.00	15.44 -0.09 0.00	17.27 0.15 0.00	20.04 -0.16 0.00	20.62 -0.34 0.00	21.28 -0.32 0.01	20.00 0.06 0.01	20.70 0.02 0.01	20.60 0.00 0.01	21.06 -0.08 0.01	21.30 -0.24 -0.01	21.47 -0.22 -0.01	21.94 -0.24 0.01	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.46 -0.31 0.00	22.98 -0.12 0.00	20.98 -0.02 0.00
OXBOW___BTM 323836	18.72 -0.28 0.00	17.26 -0.48 0.00	15.82 -0.32 0.00	15.28 -0.31 0.00	15.24 -0.30 0.00	16.93 -0.19 0.00	19.76 -0.44 0.00	20.33 -0.63 0.00	21.13 -0.48 0.01	19.71 -0.22 0.01	20.34 -0.33 0.01	20.35 -0.25 0.01	20.76 -0.38 0.01	21.01 -0.54 -0.02	21.18 -0.52 -0.02	21.62 -0.55 0.01	24.12 -0.69 0.00	26.89 -1.27 0.00	28.21 -1.11 0.00	28.52 -1.00 0.00	27.75 -1.28 0.00	25.08 -0.69 0.00	22.63 -0.46 0.00	20.71 -0.29 0.00
OXBOW___ 24026	18.72 -0.29 0.00	17.26 -0.48 0.00	15.84 -0.31 0.00	15.28 -0.31 0.00	15.24 -0.30 0.00	17.03 -0.09 0.00	19.78 -0.42 0.00	20.33 -0.63 0.00	20.97 -0.63 0.01	19.71 -0.22 0.01	20.38 -0.29 0.01	20.28 -0.31 0.01	20.75 -0.38 0.01	21.01 -0.54 -0.02	21.18 -0.52 -0.02	21.62 -0.55 0.01	24.12 -0.69 0.00	26.89 -1.27 0.00	28.21 -1.11 0.00	28.52 -1.00 0.00	27.74 -1.28 0.00	25.08 -0.70 0.00	22.65 -0.44 0.00	20.71 -0.29 0.00
OXY_CHEM_DSASP 323612	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.79 -0.33 0.00	19.50 -0.71 0.00	19.99 -0.96 0.00	20.66 -0.95 0.01	19.42 -0.52 0.01	20.08 -0.60 0.01	19.98 -0.62 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.29 -0.89 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.68 -1.64 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.66 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
OZONE_PARK_ESR 323760	20.29 1.29 0.00	18.84 1.10 0.00	17.06 0.92 0.00	16.40 0.81 0.00	16.33 0.79 0.00	18.04 0.92 0.00	21.44 1.23 0.00	22.42 1.47 0.00	23.30 1.69 0.00	21.40 1.46 0.00	22.32 1.63 0.00	22.42 1.81 0.00	23.05 1.90 0.00	23.53 2.00 0.00	23.75 2.08 0.00	24.29 2.11 0.00	27.42 2.61 0.00	31.09 2.93 0.00	32.46 3.14 0.00	32.56 3.04 0.00	31.75 2.73 0.00	27.96 2.19 0.00	24.75 1.66 0.00	22.35 1.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.79 -0.33 0.00	19.50 -0.71 0.00	19.99 -0.96 0.00	20.66 -0.95 0.01	19.42 -0.52 0.01	20.08 -0.60 0.01	19.98 -0.62 0.01	20.42 -0.72 0.01	20.65 -0.88 -0.01	20.79 -0.89 -0.01	21.29 -0.89 0.01	23.70 -1.12 0.00	26.44 -1.72 0.00	27.68 -1.64 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.66 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
PACKARD___115KV_DUPONT_184 80571	18.45 -0.55 0.00	17.01 -0.73 0.00	15.61 -0.53 0.00	15.06 -0.53 0.00	15.02 -0.51 0.00	16.79 -0.33 0.00	19.50 -0.71 0.00	19.99 -0.96 0.00	20.62 -0.97 0.02	19.38 -0.54 0.02	20.04 -0.62 0.02	19.95 -0.64 0.02	20.39 -0.74 0.02	20.60 -0.90 0.02	20.74 -0.91 0.02	21.26 -0.91 0.02	23.70 -1.12 0.00	26.44 -1.72 0.00	27.68 -1.64 0.00	27.99 -1.54 0.00	27.25 -1.77 0.00	24.66 -1.11 0.00	22.26 -0.83 0.00	20.37 -0.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.26 1.25 -0.01	18.77 1.03 0.00	16.98 0.84 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.84 0.72 0.00	21.18 0.97 0.00	22.17 1.22 0.00	23.06 1.45 0.00	21.18 1.24 0.00	22.09 1.41 0.00	22.19 1.59 0.00	22.82 1.67 0.00	23.31 1.79 0.00	23.53 1.86 0.01	24.05 1.86 0.00	27.12 2.31 0.01	30.77 2.62 0.01	32.13 2.81 0.01	32.21 2.69 0.00	31.37 2.35 0.00	27.60 1.83 0.00	24.45 1.36 0.00	22.24 1.24 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.45 1.44 -0.01	18.94 1.21 0.00	17.15 1.00 0.00	16.48 0.89 0.00	16.39 0.85 0.00	17.99 0.87 0.00	21.36 1.15 0.00	22.34 1.38 0.00	23.26 1.64 0.00	21.32 1.38 0.00	22.26 1.57 0.00	22.36 1.75 0.00	22.99 1.84 0.00	23.48 1.96 0.00	23.77 2.10 0.01	24.27 2.09 0.00	27.37 2.56 0.01	31.02 2.87 0.01	32.42 3.11 0.01	32.51 2.98 0.00	31.66 2.64 0.00	27.89 2.11 0.00	24.69 1.59 0.00	22.47 1.47 0.00
PATROON___115KV_TB1 80586	19.53 0.53 0.00	18.48 0.75 0.00	16.84 0.69 0.00	16.23 0.64 0.00	16.14 0.61 0.00	17.65 0.53 0.00	20.81 0.61 0.00	21.50 0.54 0.00	22.18 0.56 0.00	20.34 0.40 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.23 0.56 0.00	22.78 0.60 0.00	25.51 0.69 0.00	29.09 0.93 0.00	30.52 1.20 0.00	30.70 1.18 0.00	30.07 1.04 0.00	26.60 0.82 0.00	23.76 0.67 0.00	21.46 0.46 0.00
PATTRSNVILLE___SOLAR 323815	19.70 0.70 0.00	18.40 0.66 0.00	16.68 0.53 0.00	16.12 0.53 0.00	16.05 0.51 0.00	17.72 0.60 0.00	20.89 0.69 0.00	21.65 0.69 0.00	22.33 0.71 0.00	20.48 0.54 0.00	21.30 0.62 0.00	21.18 0.58 0.00	21.78 0.63 0.00	22.21 0.69 0.00	22.36 0.69 0.00	22.92 0.73 0.00	25.74 0.92 0.00	29.31 1.15 0.00	30.82 1.49 0.00	31.03 1.50 0.00	30.41 1.39 0.00	26.93 1.16 0.00	24.02 0.92 0.00	21.74 0.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.21 0.21 0.00	17.72 -0.02 0.00	16.26 0.11 0.00	15.69 0.09 0.00	15.64 0.11 0.00	17.51 0.39 0.00	20.41 0.20 0.00	20.96 0.00 0.00	21.61 0.00 0.00	20.28 0.34 0.00	20.99 0.31 0.00	20.93 0.33 0.00	21.42 0.27 0.00	21.68 0.15 0.00	21.85 0.17 0.00	22.34 0.16 0.00	24.97 0.15 0.00	27.88 -0.28 0.00	29.20 -0.12 0.00	29.52 0.00 0.00	28.70 -0.32 0.00	25.90 0.13 0.00	23.30 0.21 0.00	21.32 0.32 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.12 1.12 0.00	18.71 0.98 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.30 0.76 0.00	17.94 0.82 0.00	21.24 1.03 0.00	22.13 1.17 0.00	23.00 1.38 0.00	21.08 1.14 0.00	21.97 1.28 0.00	22.01 1.40 0.00	22.65 1.50 0.00	23.12 1.59 0.00	23.34 1.67 0.00	23.89 1.71 0.00	26.98 2.16 0.00	30.61 2.45 0.00	32.02 2.70 0.00	32.21 2.69 0.00	31.43 2.41 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.16 1.16 0.00
PEEKSKILL___ 23653	19.97 0.97 0.00	18.59 0.85 0.00	16.81 0.66 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.84 0.72 0.00	21.12 0.91 0.00	22.05 1.09 0.00	22.85 1.23 0.00	21.00 1.06 0.00	21.90 1.22 0.00	21.82 1.22 0.00	22.56 1.42 0.00	23.05 1.53 0.00	23.25 1.58 0.00	23.78 1.60 0.00	26.83 2.01 0.00	30.41 2.25 0.00	31.78 2.46 0.00	31.91 2.39 0.00	31.14 2.12 0.00	27.50 1.73 0.00	24.36 1.27 0.00	21.99 0.99 0.00
PGE MADISON___WINDPWR 24146	20.48 1.48 0.00	19.07 1.33 0.00	17.32 1.18 0.00	16.73 1.14 0.00	16.67 1.13 0.00	18.62 1.51 0.00	22.11 1.90 0.00	22.91 1.95 0.00	23.43 1.82 0.00	21.62 1.68 0.00	22.32 1.63 0.00	22.27 1.67 0.00	22.80 1.65 0.00	23.09 1.57 0.00	23.21 1.54 0.00	23.81 1.62 -0.01	26.89 1.91 -0.17	30.78 2.25 -0.37	32.46 2.70 -0.45	32.85 2.86 -0.46	32.20 2.76 -0.42	28.53 2.53 -0.23	25.22 2.12 0.00	22.79 1.78 0.00

PIERCEFIELD___HYD 23852	18.49 -0.51 0.00	17.33 -0.41 0.00	15.84 -0.31 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	16.81 -0.31 0.00	19.94 -0.26 0.00	20.68 -0.27 0.00	21.22 -0.39 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.19 -0.41 0.00	20.72 -0.42 0.00	21.07 -0.45 0.00	21.06 -0.61 0.00	21.41 -0.78 0.00	23.68 -1.14 0.00	26.95 -1.21 0.00	27.88 -1.44 0.00	28.17 -1.36 0.00	27.95 -1.07 0.00	25.10 -0.67 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
PINELAWN_CC_1 323563	20.94 1.69 -0.25	19.54 1.49 -0.31	17.53 1.02 -0.36	16.60 0.92 -0.09	16.54 0.92 -0.09	18.31 1.10 -0.10	21.56 1.35 0.00	22.59 1.64 0.00	23.52 1.90 0.00	21.62 1.68 0.00	22.59 1.90 0.00	28.27 1.94 -5.73	28.13 2.16 -4.83	29.14 2.24 -5.38	32.09 2.27 -8.14	37.62 2.37 -13.06	39.82 2.93 -12.08	47.99 3.29 -16.54	52.16 3.55 -19.29	39.46 3.48 -6.45	45.58 3.07 -13.48	38.23 2.58 -9.88	25.22 2.12 0.00	23.27 1.78 -0.48
PJM_GEN_HTP_PROXY 323702	20.10 1.10 0.00	15.23 0.96 3.47	16.87 0.73 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.23 1.28 0.00	23.06 1.45 0.00	21.22 1.28 0.00	22.11 1.43 0.00	22.07 1.46 0.00	22.82 1.67 0.00	23.31 1.79 0.00	23.54 1.86 0.00	24.07 1.88 0.00	27.13 2.31 0.00	30.75 2.59 0.00	32.11 2.79 0.00	32.21 2.69 0.00	31.40 2.38 0.00	27.68 1.91 0.00	24.52 1.43 0.00	22.13 1.13 0.00
PJM_GEN_KEystone 24065	19.23 0.34 0.11	17.67 0.21 0.28	15.82 0.16 0.49	14.84 0.16 0.91	15.55 0.16 0.14	17.39 0.27 0.00	20.51 0.30 0.00	21.29 0.33 0.00	22.05 0.43 0.00	20.38 0.44 0.00	21.18 0.50 0.00	21.12 0.52 0.00	21.74 0.59 0.00	22.13 0.60 0.00	22.30 0.63 0.00	22.83 0.64 0.00	25.66 0.84 0.00	28.94 0.79 0.00	30.26 0.94 0.00	30.47 0.94 0.00	29.69 0.67 0.00	26.44 0.67 0.00	23.53 0.44 0.00	21.36 0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.42 1.43 0.01	18.99 1.26 0.01	16.96 0.82 0.01	16.31 0.72 0.00	16.25 0.71 0.00	17.98 0.87 0.01	21.26 1.05 0.00	22.28 1.32 0.00	23.19 1.58 0.00	21.32 1.37 0.00	22.28 1.59 0.00	27.94 1.61 -5.73	27.79 1.82 -4.82	28.73 1.91 -5.29	31.76 1.95 -8.14	37.22 1.97 -13.06	39.22 2.48 -11.92	47.49 2.79 -16.54	50.26 3.02 -17.92	38.84 2.95 -6.37	45.08 2.58 -13.48	37.76 2.11 -9.88	24.83 1.73 0.00	22.53 1.43 -0.10
PJM_GEN_VFT_PROXY 323633	20.05 1.04 0.00	18.63 0.89 0.00	16.82 0.68 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.85 0.74 0.00	21.20 0.99 0.00	22.15 1.19 0.00	23.00 1.38 0.00	21.16 1.22 0.00	22.07 1.39 0.00	22.03 1.42 0.00	22.78 1.63 0.00	23.27 1.74 0.00	23.49 1.82 0.00	24.03 1.84 0.00	27.08 2.26 0.00	30.69 2.54 0.00	32.05 2.73 0.00	32.15 2.63 0.00	31.34 2.32 0.00	27.60 1.83 0.00	24.43 1.34 0.00	22.05 1.05 0.00
PLATSBURG_115KV_PMLD1 355749	19.06 0.06 0.00	17.92 0.18 0.00	16.31 0.16 0.00	15.87 0.28 0.00	15.85 0.31 0.00	17.44 0.33 0.00	20.73 0.53 0.00	21.56 0.61 0.00	22.20 0.58 0.00	20.64 0.70 0.00	20.93 0.25 0.00	20.81 0.21 0.00	21.36 0.21 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.41 0.22 0.00	24.94 0.12 0.00	28.38 0.23 0.00	29.29 -0.03 0.00	29.61 0.09 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.83 0.74 0.00	21.57 0.57 0.00
PLEASANTVLY___LBMP 24000	19.86 0.86 0.00	18.52 0.78 0.00	16.82 0.68 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.75 0.63 0.00	21.01 0.81 0.00	21.92 0.96 0.00	22.69 1.08 0.00	20.84 0.90 0.00	21.72 1.03 0.00	21.76 1.15 0.00	22.35 1.21 0.00	22.82 1.29 0.00	22.99 1.32 0.00	23.54 1.35 0.00	26.51 1.69 0.00	30.10 1.94 0.00	31.49 2.17 0.00	31.62 2.10 0.00	30.88 1.86 0.00	27.27 1.49 0.00	24.20 1.11 0.00	21.86 0.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.97 0.97 0.00	18.61 0.87 0.00	16.92 0.77 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.13 1.17 0.00	22.95 1.34 0.00	21.08 1.14 0.00	21.97 1.28 0.00	22.05 1.44 0.00	22.65 1.50 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.87 1.69 0.00	26.93 2.11 0.00	30.52 2.37 0.00	31.90 2.58 0.00	32.03 2.51 0.00	31.26 2.23 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.05 1.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.97 0.97 0.00	18.61 0.87 0.00	16.92 0.77 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.87 0.75 0.00	21.18 0.97 0.00	22.13 1.17 0.00	22.95 1.34 0.00	21.08 1.14 0.00	21.97 1.28 0.00	22.05 1.44 0.00	22.65 1.50 0.00	23.14 1.61 0.00	23.34 1.67 0.00	23.87 1.69 0.00	26.93 2.11 0.00	30.52 2.37 0.00	31.90 2.58 0.00	32.03 2.51 0.00	31.26 2.23 0.00	27.58 1.80 0.00	24.43 1.34 0.00	22.05 1.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.97 0.97 0.00	18.61 0.87 0.00	16.90 0.76 0.00	16.26 0.67 0.00	16.20 0.67 0.00	17.84 0.72 0.00	21.10 0.89 0.00	21.98 1.03 0.00	22.78 1.17 0.00	20.90 0.96 0.00	21.80 1.12 0.00	21.82 1.22 0.00	22.44 1.29 0.00	22.90 1.38 0.00	23.10 1.43 0.00	23.63 1.44 0.00	26.68 1.86 0.00	30.27 2.11 0.00	31.70 2.38 0.00	31.86 2.33 0.00	31.11 2.09 0.00	27.45 1.68 0.00	24.34 1.25 0.00	21.99 0.99 0.00
POLETTI____ 23519	17.70 1.08 2.38	17.72 0.94 0.96	16.92 0.77 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.68 0.75 0.19	17.70 1.03 3.54	18.83 1.24 3.36	18.85 1.45 4.21	18.70 1.24 2.48	21.17 1.41 0.92	21.31 1.59 0.88	21.17 1.65 1.63	21.17 1.76 2.12	21.17 1.84 2.34	24.03 1.86 0.02	24.90 2.31 2.23	24.93 2.59 5.82	24.90 2.79 7.21	21.30 2.69 10.91	21.30 2.35 10.07	21.30 1.88 6.35	21.30 1.39 3.18	20.17 1.11 1.94
POMONA___ESR 323819	19.95 0.95 0.00	18.57 0.83 0.00	16.77 0.63 0.00	16.20 0.61 0.00	16.13 0.59 0.00	17.82 0.70 0.00	21.09 0.89 0.00	22.02 1.07 0.00	22.82 1.21 0.00	20.98 1.04 0.00	21.88 1.20 0.00	21.80 1.19 0.00	22.54 1.40 0.00	23.03 1.51 0.00	23.23 1.56 0.00	23.78 1.60 0.00	26.80 1.99 0.00	30.41 2.25 0.00	31.75 2.43 0.00	31.89 2.36 0.00	31.11 2.09 0.00	27.47 1.70 0.00	24.32 1.22 0.00	21.97 0.97 0.00
PORT_JEFF_3 23555	25.39 1.75 -4.65	25.98 1.53 -6.72	25.39 1.05 -8.19	18.73 0.95 -2.19	18.71 0.95 -2.23	20.13 1.13 -1.88	21.77 1.47 -0.09	22.69 1.74 0.00	23.73 2.01 -0.11	21.83 1.77 -0.11	22.57 1.88 0.00	28.47 2.02 -5.84	28.33 2.24 -4.94	30.69 2.24 -6.93	32.16 2.23 -8.26	37.55 2.31 -13.06	43.61 2.78 -16.02	47.88 3.07 -16.65	86.95 3.25 -54.38	41.38 3.19 -8.67	45.54 2.93 -13.59	38.23 2.47 -9.99	25.29 2.19 0.00	29.81 1.81 -7.00
PORT_JEFF_4 23616	25.39 1.75 -4.65	25.98 1.53 -6.72	25.39 1.05 -8.19	18.73 0.95 -2.19	18.71 0.95 -2.23	20.13 1.13 -1.88	21.77 1.47 -0.09	22.69 1.74 0.00	23.73 2.01 -0.11	21.83 1.77 -0.11	22.57 1.88 0.00	28.47 2.02 -5.84	28.33 2.24 -4.94	30.69 2.24 -6.93	32.16 2.23 -8.26	37.55 2.31 -13.06	43.61 2.78 -16.02	47.88 3.07 -16.65	86.95 3.25 -54.38	41.38 3.19 -8.67	45.54 2.93 -13.59	38.23 2.47 -9.99	25.29 2.19 0.00	29.81 1.81 -7.00

PORT_JEFF_IC 23713	25.64 1.79 -4.85	26.31 1.58 -6.99	26.04 1.34 -8.55	18.88 1.01 -2.27	18.83 0.96 -2.33	20.21 1.13 -1.96	21.82 1.52 -0.10	22.72 1.76 0.00	23.80 2.07 -0.11	21.87 1.81 -0.11	22.69 2.01 0.00	28.66 2.20 -5.85	28.40 2.31 -4.94	30.83 2.30 -7.00	32.25 2.32 -8.26	37.64 2.40 -13.06	43.86 2.85 -16.19	47.91 3.10 -16.65	88.53 3.28 -55.92	41.51 3.22 -8.77	45.66 3.05 -13.59	38.34 2.58 -9.99	25.33 2.24 0.00	30.16 1.85 -7.31
PPL PILGRIM_ST_GT1 24216	21.25 1.82 -0.43	19.90 1.58 -0.58	17.95 1.10 -0.71	16.77 1.00 -0.18	16.72 1.00 -0.19	18.47 1.18 -0.17	21.75 1.53 -0.01	22.78 1.82 0.00	23.70 2.08 -0.01	21.78 1.83 -0.01	22.69 2.01 0.00	28.42 2.08 -5.74	28.28 2.31 -4.83	29.33 2.37 -5.44	32.25 2.43 -8.15	37.84 2.59 -13.06	40.21 3.15 -12.24	48.22 3.52 -16.55	53.70 3.64 -20.74	39.64 3.57 -6.55	45.82 3.31 -13.49	38.47 2.81 -9.88	25.42 2.33 0.00	23.66 1.91 -0.75
PPL PILGRIM_ST_GT2 24217	21.25 1.82 -0.43	19.90 1.58 -0.58	17.95 1.10 -0.71	16.77 1.00 -0.18	16.72 1.00 -0.19	18.47 1.18 -0.17	21.75 1.53 -0.01	22.78 1.82 0.00	23.70 2.08 -0.01	21.78 1.83 -0.01	22.69 2.01 0.00	28.42 2.08 -5.74	28.28 2.31 -4.83	29.33 2.37 -5.44	32.25 2.43 -8.15	37.84 2.59 -13.06	40.21 3.15 -12.24	48.22 3.52 -16.55	53.70 3.64 -20.74	39.64 3.57 -6.55	45.82 3.31 -13.49	38.47 2.81 -9.88	25.42 2.33 0.00	23.66 1.91 -0.75
PPL_SHRM_GT3 24213	25.22 1.65 -4.57	25.80 1.45 -6.60	25.20 1.00 -8.05	18.65 0.90 -2.15	18.63 0.90 -2.19	20.04 1.08 -1.85	21.71 1.41 -0.09	22.59 1.64 0.00	23.64 1.92 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.60 2.17 -6.90	32.18 2.25 -8.25	37.66 2.42 -13.06	43.74 2.98 -15.94	48.15 3.35 -16.65	86.62 3.55 -53.75	41.67 3.51 -8.63	45.71 3.11 -13.59	38.39 2.63 -9.98	25.24 2.15 0.00	29.61 1.72 -6.89
PPL_SHRM_GT4 24214	25.22 1.65 -4.57	25.80 1.45 -6.60	25.20 1.00 -8.05	18.65 0.90 -2.15	18.63 0.90 -2.19	20.04 1.08 -1.85	21.71 1.41 -0.09	22.59 1.64 0.00	23.64 1.92 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.60 2.17 -6.90	32.18 2.25 -8.25	37.66 2.42 -13.06	43.74 2.98 -15.94	48.15 3.35 -16.65	86.62 3.55 -53.75	41.67 3.51 -8.63	45.71 3.11 -13.59	38.39 2.63 -9.98	25.24 2.15 0.00	29.61 1.72 -6.89
PROJECT___ORANGE 1 24174	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.12 0.00 0.00	20.19 -0.02 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	19.96 0.02 0.00	20.66 -0.02 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.40 -0.13 0.00	21.54 -0.13 0.00	22.07 -0.13 -0.01	24.92 -0.12 -0.22	28.46 -0.20 -0.50	29.80 -0.12 -0.60	30.06 -0.09 -0.62	29.42 -0.17 -0.57	25.97 -0.10 -0.30	23.00 -0.09 0.00	21.00 0.00 0.00
PROJECT___ORANGE 2 24166	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.12 0.00 0.00	20.19 -0.02 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	19.96 0.02 0.00	20.66 -0.02 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.40 -0.13 0.00	21.54 -0.13 0.00	22.07 -0.13 -0.01	24.92 -0.12 -0.22	28.46 -0.20 -0.50	29.80 -0.12 -0.60	30.06 -0.09 -0.62	29.42 -0.17 -0.57	25.97 -0.10 -0.30	23.00 -0.09 0.00	21.00 0.00 0.00
PUCKETT___SOLAR 323809	19.53 0.53 0.00	18.16 0.43 0.00	16.52 0.37 0.00	15.95 0.36 0.00	15.91 0.37 0.00	17.65 0.53 0.00	20.85 0.65 0.00	21.61 0.65 0.00	22.24 0.63 0.00	20.54 0.60 0.00	21.26 0.58 0.00	21.20 0.60 0.00	21.74 0.59 0.00	22.06 0.54 0.00	22.21 0.54 0.00	22.77 0.58 -0.01	25.66 0.69 -0.15	29.26 0.76 -0.34	30.70 0.97 -0.41	31.01 1.06 -0.43	30.37 0.96 -0.39	26.91 0.93 -0.21	23.83 0.74 0.00	21.63 0.63 0.00
PYRITES___HYD 24023	18.64 -0.36 0.00	17.47 -0.27 0.00	15.98 -0.16 0.00	15.73 0.14 0.00	15.69 0.16 0.00	17.01 -0.10 0.00	20.21 0.00 0.00	20.96 0.00 0.00	21.46 -0.15 0.00	19.84 -0.10 0.00	20.48 -0.21 0.00	20.40 -0.21 0.00	20.96 -0.19 0.00	21.31 -0.22 0.00	21.32 -0.35 0.00	21.70 -0.49 0.00	24.00 -0.82 0.00	27.28 -0.87 0.00	28.27 -1.06 0.00	28.58 -0.94 0.00	28.38 -0.64 0.00	25.39 -0.39 0.00	22.93 -0.16 0.00	20.75 -0.25 0.00
QUAKERRD_115KV_BK1 80622	18.54 -0.46 0.00	17.19 -0.55 0.00	15.69 -0.45 0.00	15.14 -0.45 0.00	15.10 -0.43 0.00	16.79 -0.33 0.00	19.70 -0.51 0.00	20.39 -0.57 0.00	20.99 -0.63 0.00	19.56 -0.38 0.00	20.21 -0.48 0.00	20.13 -0.47 0.00	20.58 -0.57 0.00	20.84 -0.69 0.00	21.00 -0.67 0.00	21.54 -0.64 0.00	24.10 -0.72 0.00	27.14 -1.01 0.00	28.35 -0.97 0.00	28.61 -0.92 0.00	27.98 -1.04 0.00	25.08 -0.70 0.00	22.51 -0.58 0.00	20.50 -0.50 0.00
QUENSBRY_115KV_TB8 356137	20.35 1.35 0.00	19.02 1.28 0.00	17.26 1.11 0.00	16.64 1.04 0.00	16.56 1.03 0.00	18.30 1.18 0.00	21.62 1.41 0.00	22.36 1.40 0.00	23.08 1.47 0.00	21.14 1.20 0.00	22.01 1.32 0.00	21.90 1.30 0.00	22.48 1.33 0.00	22.90 1.38 0.00	23.04 1.37 0.00	23.65 1.46 0.00	26.63 1.81 0.00	30.24 2.08 0.00	31.90 2.58 0.00	31.86 2.33 0.00	31.49 2.47 0.00	27.83 2.06 0.00	24.92 1.82 0.00	22.47 1.47 0.00
RAMAPO___LBMP 323565	19.87 0.87 0.00	18.50 0.76 0.00	16.77 0.63 0.00	16.15 0.56 0.00	16.08 0.54 0.00	17.73 0.62 0.00	21.01 0.81 0.00	21.94 0.98 0.00	22.76 1.15 0.00	20.90 0.96 0.00	21.78 1.10 0.00	21.84 1.24 0.00	22.46 1.31 0.00	22.92 1.40 0.00	23.12 1.45 0.00	23.65 1.46 0.00	26.68 1.86 0.00	30.24 2.08 0.00	31.61 2.29 0.00	31.74 2.21 0.00	30.97 1.94 0.00	27.34 1.57 0.00	24.22 1.13 0.00	21.88 0.88 0.00
RANKINE____ 23646	19.13 0.13 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.58 0.05 0.00	17.43 0.31 0.00	20.27 0.06 0.00	20.85 -0.10 0.00	21.53 -0.09 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.83 0.23 0.00	21.32 0.17 0.00	21.55 0.02 0.00	21.72 0.04 0.00	22.21 0.02 0.00	24.82 0.00 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.53 -0.49 0.00	25.77 0.00 0.00	23.21 0.12 0.00	21.21 0.21 0.00
RAVENSWOOD_GT2_1 24244	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.54 1.86 0.00	24.07 1.89 0.00	27.15 2.33 0.00	30.78 2.62 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.16 1.16 0.00
RAVENSWOOD_GT2_2 24245	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.21 1.61 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.54 1.86 0.00	24.07 1.89 0.00	27.15 2.33 0.00	30.78 2.62 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.16 1.16 0.00

RAVENSWOOD_GT2_3 24246	20.14 1.14 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.23 1.63 0.00	22.86 1.71 0.00	23.33 1.81 0.00	23.56 1.89 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
RAVENSWOOD_GT2_4 24247	20.14 1.14 0.00	18.73 0.99 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.13 1.51 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.23 1.63 0.00	22.86 1.71 0.00	23.33 1.81 0.00	23.56 1.89 0.00	24.09 1.91 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.46 2.44 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
RAVENSWOOD_GT3_1 24248	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.23 1.63 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.89 0.00	24.07 1.89 0.00	27.15 2.33 0.00	30.78 2.62 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
RAVENSWOOD_GT3_2 24249	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.23 1.63 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.89 0.00	24.07 1.89 0.00	27.15 2.33 0.00	30.78 2.62 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.55 1.45 0.00	22.16 1.16 0.00
RAVENSWOOD_GT3_3 24250	20.16 1.16 0.00	18.73 0.99 0.00	16.97 0.82 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.15 1.47 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.20 2.38 0.00	30.83 2.67 0.00	32.19 2.87 0.00	32.30 2.78 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.57 1.48 0.00	22.18 1.18 0.00
RAVENSWOOD_GT3_4 24251	20.16 1.16 0.00	18.73 0.99 0.00	16.97 0.82 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.15 1.47 0.00	22.25 1.65 0.00	22.88 1.73 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.20 2.38 0.00	30.83 2.67 0.00	32.19 2.87 0.00	32.30 2.78 0.00	31.49 2.47 0.00	27.73 1.96 0.00	24.57 1.48 0.00	22.18 1.18 0.00
RAVENSWOOD_GT_1 23729	20.24 1.24 -0.01	18.77 1.03 0.00	17.00 0.86 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.28 1.34 0.00	22.19 1.51 0.00	22.32 1.71 0.00	22.95 1.80 0.00	23.44 1.92 0.00	23.67 1.99 -0.01	24.18 2.00 0.00	27.28 2.46 -0.01	30.93 2.76 -0.01	32.32 2.99 -0.01	32.39 2.86 0.00	31.55 2.52 0.00	27.76 1.98 0.00	24.59 1.50 0.00	22.24 1.24 0.00
RAVENSWOOD_GT_10 24258	20.14 1.14 0.00	18.71 0.98 0.00	16.95 0.81 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.90 0.79 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.11 1.49 0.00	21.2														

RAVENSWOOD___1 23533	20.23 1.22 -0.01	18.77 1.03 0.00	16.94 0.79 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.94 0.82 0.00	21.28 1.07 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.28 1.34 0.00	22.19 1.51 0.00	22.15 1.55 0.00	22.92 1.78 0.00	23.42 1.89 0.00	23.65 1.97 -0.01	24.16 1.97 0.00	27.28 2.46 -0.01	30.93 2.76 -0.01	32.29 2.96 -0.01	32.36 2.83 0.00	31.52 2.50 0.00	27.76 1.98 0.00	24.57 1.48 0.00	22.24 1.24 0.00
RAVENSWOOD___2 23534	20.23 1.22 -0.01	18.75 1.01 0.00	16.92 0.77 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.92 0.80 0.00	21.28 1.07 0.00	22.28 1.32 0.00	23.13 1.51 0.00	21.26 1.32 0.00	22.19 1.51 0.00	22.15 1.55 0.00	22.90 1.75 0.00	23.42 1.89 0.00	23.65 1.97 -0.01	24.16 1.97 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.29 2.96 -0.01	32.36 2.83 0.00	31.52 2.50 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
RAVENSWOOD___3 23535	20.14 1.14 0.00	18.71 0.97 0.00	16.89 0.74 0.00	16.31 0.72 0.00	16.23 0.70 0.00	17.94 0.82 0.00	21.28 1.07 0.00	22.23 1.28 0.00	23.08 1.47 0.00	21.22 1.28 0.00	22.13 1.45 0.00	22.07 1.46 0.00	22.84 1.69 0.00	23.33 1.81 0.00	23.56 1.88 0.00	24.07 1.88 0.00	27.15 2.33 0.00	30.78 2.62 0.00	32.16 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.71 1.93 0.00	24.52 1.43 0.00	22.16 1.15 0.00
RAVENSWOOD___4 23820	20.22 1.22 -0.01	18.75 1.01 0.00	16.92 0.77 0.00	16.33 0.73 0.00	16.25 0.71 0.00	17.92 0.80 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.10 1.49 0.00	21.26 1.32 0.00	22.19 1.51 0.00	22.13 1.52 0.00	22.90 1.75 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.16 1.97 0.00	27.26 2.43 -0.01	30.89 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.52 2.50 0.00	27.73 1.96 0.00	24.55 1.46 0.00	22.24 1.24 0.00
RCPL_TRUST___DRP 24196	20.12 1.12 0.00	18.71 0.98 0.00	16.94 0.79 0.00	16.31 0.72 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.15 1.47 0.00	22.25 1.65 0.00	22.86 1.71 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.16 1.16 0.00
RED___ROCHESTER 323720	19.10 0.10 0.00	17.67 -0.07 0.00	16.13 -0.02 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.24 0.12 0.00	20.25 0.04 0.00	20.98 0.02 0.00	21.68 0.07 0.00	20.18 0.24 0.00	20.79 0.10 0.00	20.83 0.23 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.18 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
REGAN___SOLAR 323812	20.96 1.96 0.00	19.55 1.81 0.00	17.65 1.50 0.00	17.04 1.45 0.00	16.96 1.43 0.00	18.88 1.76 0.00	22.23 2.02 0.00	22.86 1.91 0.00	23.45 1.84 0.00	21.10 1.16 0.00	22.03 1.34 0.00	21.72 1.11 0.00	22.35 1.20 0.00	22.79 1.27 0.00	22.91 1.23 0.00	23.45 1.26 0.00	26.43 1.61 0.00	30.69 2.54 0.00	33.16 3.84 0.00	33.48 3.96 0.00	32.85 3.83 0.00	28.99 3.22 0.00	25.82 2.72 0.00	23.21 2.20 0.00
RENSSELAER___COGEN 23796	19.44 0.44 0.00	18.41 0.67 0.00	16.71 0.56 0.00	16.17 0.58 0.00	16.08 0.54 0.00	17.60 0.48 0.00	20.73 0.52 0.00	21.42 0.46 0.00	22.07 0.45 0.00	20.24 0.30 0.00	21.06 0.37 0.00	20.91 0.31 0.00	21.57 0.42 0.00	22.02 0.50 0.00	22.15 0.48 0.00	22.67 0.49 0.00	25.41 0.59 0.00	28.94 0.79 0.00	30.38 1.05 0.00	30.56 1.03 0.00	29.92 0.90 0.00	26.44 0.67 0.00	23.65 0.55 0.00	21.38 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.20 2.20 0.00	19.80 2.06 0.00	17.92 1.78 0.00	17.29 1.70 0.00	17.20 1.66 0.00	19.09 1.97 0.00	22.51 2.30 0.00	23.18 2.22 0.00	23.97 2.36 0.00	21.86 1.91 0.00	22.75 2.07 0.00	22.62 2.02 0.00	23.22 2.07 0.00	23.61 2.09 0.00	23.77 2.10 0.00	24.43 2.24 0.00	27.57 2.75 0.00	31.54 3.38 0.00	33.48 4.16 0.00	33.54 4.02 0.00	33.08 4.06 0.00	29.25 3.48 0.00	26.07 2.98 0.00	23.46 2.46 0.00
REVERE_CPPR_DRP 24186	19.74 0.74 0.00	18.39 0.66 0.00	16.73 0.58 0.00	16.15 0.56 0.00	16.08 0.54 0.00	17.87 0.75 0.00	21.14 0.93 0.00	21.90 0.94 0.00	22.50 0.89 0.00	20.80 0.86 0.00	21.51 0.83 0.00	21.45 0.84 0.00	22.01 0.87 0.00	22.34 0.82 0.00	22.47 0.80 0.00	23.03 0.84 -0.01	25.90 0.97 -0.11	29.56 1.15 -0.25	31.03 1.41 -0.30	31.31 1.48 -0.31	30.70 1.39 -0.28	27.21 1.29 -0.15	24.15 1.06 0.00	21.88 0.88 0.00
REYNOLDS_115KV_TB3 80639	19.63 0.63 0.00	18.52 0.78 0.00	16.89 0.74 0.00	16.26 0.67 0.00	16.19 0.65 0.00	17.70 0.58 0.00	20.87 0.67 0.00	21.67 0.71 0.00	22.33 0.71 0.00	20.44 0.50 0.00	21.26 0.58 0.00	21.22 0.62 0.00	21.80 0.66 0.00	22.26 0.73 0.00	22.34 0.67 0.00	22.90 0.71 0.00	25.69 0.87 0.00	29.26 1.10 0.00	30.73 1.41 0.00	30.94 1.42 0.00	30.27 1.25 0.00	26.75 0.98 0.00	23.92 0.83 0.00	21.59 0.59 0.00
RIVERBAY____ 323610	20.45 1.44 -0.01	18.94 1.21 0.00	17.15 1.00 0.00	16.48 0.89 0.00	16.39 0.85 0.00	17.99 0.87 0.00	21.36 1.15 0.00	22.34 1.38 0.00	23.26 1.64 0.00	21.32 1.38 0.00	22.26 1.57 0.00	22.36 1.75 0.00	22.99 1.84 0.00	23.48 1.96 0.00	23.77 2.10 0.01	24.27 2.09 0.00	27.37 2.56 0.01	31.02 2.87 0.01	32.42 3.11 0.01	32.51 2.98 0.00	31.66 2.64 0.00	27.89 2.11 0.00	24.69 1.59 0.00	22.47 1.47 0.00
RIVERSDE_115KV_TB3 55908	19.55 0.55 0.00	18.48 0.75 0.00	16.84 0.69 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.65 0.53 0.00	20.83 0.63 0.00	21.50 0.54 0.00	22.18 0.56 0.00	20.32 0.38 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.21 0.54 0.00	22.76 0.58 0.00	25.51 0.69 0.00	29.06 0.90 0.00	30.52 1.20 0.00	30.70 1.18 0.00	30.07 1.04 0.00	26.57 0.80 0.00	23.76 0.67 0.00	21.46 0.46 0.00
ROARING___BROOK_WT_PWR 323790	18.72 -0.28 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.47 -0.13 0.00	15.41 -0.12 0.00	16.91 -0.20 0.00	19.98 -0.22 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	19.64 -0.30 0.00	20.35 -0.33 0.00	20.21 -0.39 0.00	20.75 -0.40 0.00	21.11 -0.41 0.00	21.24 -0.43 0.00	21.76 -0.42 0.00	24.40 -0.42 0.00	27.71 -0.45 0.00	28.73 -0.59 0.00	28.96 -0.56 0.00	28.59 -0.43 0.00	25.39 -0.39 0.00	22.84 -0.25 0.00	20.75 -0.25 0.00
ROCHESRG_115KV_T4 355643	18.92 -0.08 0.00	17.51 -0.23 0.00	16.00 -0.15 0.00	15.44 -0.16 0.00	15.40 -0.14 0.00	17.13 0.02 0.00	20.07 -0.14 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	19.96 0.02 0.00	20.60 -0.08 0.00	20.52 -0.08 0.00	20.98 -0.17 0.00	21.24 -0.28 0.00	21.41 -0.26 0.00	21.96 -0.22 0.00	24.55 -0.27 0.00	27.59 -0.56 0.00	28.85 -0.47 0.00	29.11 -0.41 0.00	28.47 -0.55 0.00	25.57 -0.21 0.00	22.98 -0.12 0.00	20.90 -0.11 0.00

ROCHESTER_9_IC 23652	19.02 0.02 0.00	17.60 -0.14 0.00	16.08 -0.06 0.00	15.51 -0.08 0.00	15.47 -0.06 0.00	17.24 0.12 0.00	20.19 -0.02 0.00	20.87 -0.08 0.00	21.48 -0.13 0.00	20.08 0.14 0.00	20.73 0.04 0.00	20.67 0.06 0.00	21.11 -0.04 0.00	21.37 -0.15 0.00	21.54 -0.13 0.00	22.10 -0.09 0.00	24.69 -0.12 0.00	27.79 -0.37 0.00	29.03 -0.29 0.00	29.29 -0.24 0.00	28.64 -0.38 0.00	25.72 -0.05 0.00	23.12 0.02 0.00	21.02 0.02 0.00
ROCKVIEW_13_KV_LD 356306	20.16 1.16 0.00	18.77 1.03 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.27 0.73 0.00	17.96 0.84 0.00	21.28 1.07 0.00	22.26 1.30 0.00	23.08 1.47 0.00	21.20 1.26 0.00	22.11 1.43 0.00	22.19 1.59 0.00	22.80 1.65 0.00	23.29 1.76 0.00	23.51 1.84 0.00	24.05 1.86 0.00	27.13 2.31 0.00	30.75 2.59 0.00	32.14 2.81 0.00	32.24 2.72 0.00	31.46 2.44 0.00	27.73 1.96 0.00	24.57 1.48 0.00	22.18 1.18 0.00
ROME____115KV_TB2 80656	19.74 0.74 0.00	18.39 0.66 0.00	16.73 0.58 0.00	16.15 0.56 0.00	16.08 0.54 0.00	17.87 0.75 0.00	21.14 0.93 0.00	21.90 0.94 0.00	22.50 0.89 0.00	20.80 0.86 0.00	21.51 0.83 0.00	21.45 0.84 0.00	22.01 0.87 0.00	22.34 0.82 0.00	22.47 0.80 0.00	23.03 0.84 -0.01	25.90 0.97 -0.11	29.56 1.15 -0.25	31.03 1.41 -0.30	31.31 1.48 -0.31	30.70 1.39 -0.28	27.21 1.29 -0.15	24.15 1.06 0.00	21.88 0.88 0.00
ROSETON____1 23587	19.82 0.82 0.00	18.47 0.73 0.00	16.72 0.58 0.00	16.15 0.56 0.00	16.09 0.56 0.00	17.75 0.63 0.00	20.97 0.77 0.00	21.88 0.92 0.00	22.65 1.04 0.00	20.82 0.88 0.00	21.70 1.01 0.00	21.61 1.01 0.00	22.33 1.18 0.00	22.79 1.27 0.00	22.97 1.30 0.00	23.52 1.33 0.00	26.51 1.69 0.00	30.07 1.92 0.00	31.43 2.11 0.00	31.59 2.07 0.00	30.85 1.83 0.00	27.24 1.47 0.00	24.16 1.06 0.00	21.84 0.84 0.00
ROSETON____2 23588	19.82 0.82 0.00	18.47 0.73 0.00	16.72 0.58 0.00	16.15 0.56 0.00	16.09 0.56 0.00	17.75 0.63 0.00	20.97 0.77 0.00	21.88 0.92 0.00	22.65 1.04 0.00	20.82 0.88 0.00	21.70 1.01 0.00	21.61 1.01 0.00	22.33 1.18 0.00	22.79 1.27 0.00	22.97 1.30 0.00	23.52 1.33 0.00	26.51 1.69 0.00	30.07 1.92 0.00	31.43 2.11 0.00	31.59 2.07 0.00	30.85 1.83 0.00	27.24 1.47 0.00	24.16 1.06 0.00	21.84 0.84 0.00
ROTTDAM_115KV_TB3 80664	19.59 0.59 0.00	18.29 0.55 0.00	16.63 0.48 0.00	16.03 0.44 0.00	15.97 0.43 0.00	17.60 0.48 0.00	20.79 0.59 0.00	21.56 0.61 0.00	22.26 0.65 0.00	20.46 0.52 0.00	21.28 0.60 0.00	21.22 0.62 0.00	21.78 0.63 0.00	22.21 0.69 0.00	22.36 0.69 0.00	22.90 0.71 0.00	25.74 0.92 0.00	29.26 1.10 0.00	30.64 1.32 0.00	30.82 1.30 0.00	30.21 1.19 0.00	26.75 0.98 0.00	23.88 0.79 0.00	21.61 0.61 0.00
RUSSELL____1 23602	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
RUSSELL____2 23532	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
RUSSELL____3 23549	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
RUSSELL____4 23556	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
RUSSELL____STATION 23914	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
S SALMON____HYD 24043	19.02 0.02 0.00	17.70 -0.04 0.00	16.11 -0.03 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.19 0.07 0.00	20.31 0.10 0.00	21.02 0.06 0.00	21.61 0.00 0.00	19.98 0.04 0.00	20.66 -0.02 0.00	20.60 0.00 0.00	21.06 -0.08 0.00	21.37 -0.15 0.00	21.48 -0.20 0.00	22.02 -0.20 -0.03	25.09 -0.30 -0.57	29.11 -0.34 -1.29	30.69 -0.17 -1.54	31.06 -0.06 -1.59	30.37 -0.12 -1.47	26.50 -0.05 -0.78	23.12 0.02 0.00	21.06 0.06 0.00
S.PERRY__115KV_TB1 80734	19.63 0.63 0.00	18.11 0.37 0.00	16.56 0.42 0.00	15.97 0.37 0.00	15.94 0.40 0.00	17.84 0.72 0.00	20.93 0.73 0.00	21.61 0.65 0.00	22.05 0.43 0.00	20.50 0.56 0.00	21.10 0.41 0.00	21.02 0.41 0.00	21.46 0.32 0.00	21.65 0.13 0.00	21.82 0.15 0.00	22.38 0.20 0.00	25.12 0.30 0.00	28.33 0.17 0.00	29.85 0.53 0.00	30.38 0.86 0.00	29.78 0.75 0.00	26.80 1.03 0.00	24.06 0.97 0.00	21.76 0.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.94 -0.06 0.00	17.47 -0.27 0.00	16.03 -0.11 0.00	15.45 -0.14 0.00	15.43 -0.11 0.00	17.24 0.12 0.00	20.04 -0.16 0.00	20.60 -0.36 0.00	21.25 -0.37 0.00	19.96 0.02 0.00	20.64 -0.04 0.00	20.56 -0.04 0.00	21.02 -0.13 0.00	21.24 -0.28 0.00	21.41 -0.26 0.00	21.92 -0.27 0.00	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.44 -0.34 0.00	22.93 -0.16 0.00	20.96 -0.04 0.00
SAWYER____23_KV_LOAD 55526	18.94 -0.06 0.00	17.47 -0.27 0.00	16.03 -0.11 0.00	15.45 -0.14 0.00	15.43 -0.11 0.00	17.24 0.12 0.00	20.04 -0.16 0.00	20.60 -0.36 0.00	21.25 -0.37 0.00	19.96 0.02 0.00	20.64 -0.04 0.00	20.56 -0.04 0.00	21.02 -0.13 0.00	21.24 -0.28 0.00	21.41 -0.26 0.00	21.92 -0.27 0.00	24.47 -0.35 0.00	27.28 -0.87 0.00	28.62 -0.70 0.00	28.93 -0.59 0.00	28.15 -0.87 0.00	25.44 -0.34 0.00	22.93 -0.16 0.00	20.96 -0.04 0.00

SELKIRK__I 23801	19.51 0.51 0.00	18.40 0.66 0.00	16.69 0.55 0.00	16.14 0.55 0.00	16.05 0.51 0.00	17.63 0.51 0.00	20.77 0.56 0.00	21.44 0.48 0.00	22.07 0.45 0.00	20.26 0.32 0.00	21.04 0.35 0.00	20.91 0.31 0.00	21.53 0.38 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.63 0.44 0.00	25.41 0.59 0.00	28.94 0.79 0.00	30.38 1.05 0.00	30.59 1.06 0.00	30.01 0.99 0.00	26.54 0.77 0.00	23.72 0.62 0.00	21.48 0.48 0.00
SELKIRK__II 23799	19.44 0.44 0.00	18.31 0.57 0.00	16.61 0.47 0.00	16.06 0.47 0.00	15.99 0.45 0.00	17.55 0.43 0.00	20.67 0.47 0.00	21.40 0.44 0.00	22.07 0.45 0.00	20.30 0.36 0.00	21.10 0.41 0.00	21.00 0.39 0.00	21.61 0.46 0.00	22.04 0.52 0.00	22.17 0.50 0.00	22.72 0.53 0.00	25.46 0.64 0.00	28.97 0.82 0.00	30.35 1.03 0.00	30.53 1.00 0.00	29.92 0.90 0.00	26.47 0.70 0.00	23.62 0.53 0.00	21.38 0.38 0.00
SENECA OSWGO__HYD 24041	18.91 -0.09 0.00	17.58 -0.16 0.00	15.98 -0.16 0.00	15.44 -0.16 0.00	15.39 -0.14 0.00	17.03 -0.09 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.42 -0.19 0.00	19.82 -0.12 0.00	20.52 -0.17 0.00	20.46 -0.14 0.00	20.92 -0.23 0.00	21.22 -0.30 0.00	21.37 -0.30 0.00	21.92 -0.31 -0.05	25.30 -0.32 -0.81	29.58 -0.39 -1.82	31.18 -0.32 -2.18	31.51 -0.27 -2.25	30.78 -0.32 -2.07	26.62 -0.26 -1.11	22.88 -0.21 0.00	20.92 -0.08 0.00
SENECA__115KV_TB3 355854	19.17 0.17 0.00	17.67 -0.07 0.00	16.21 0.06 0.00	15.64 0.05 0.00	15.60 0.06 0.00	17.46 0.34 0.00	20.31 0.10 0.00	20.89 -0.06 0.00	21.55 -0.06 0.00	20.24 0.30 0.00	20.95 0.27 0.00	20.87 0.27 0.00	21.34 0.19 0.00	21.57 0.04 0.00	21.76 0.09 0.00	22.25 0.07 0.00	24.84 0.02 0.00	27.71 -0.45 0.00	29.06 -0.26 0.00	29.38 -0.15 0.00	28.56 -0.46 0.00	25.80 0.03 0.00	23.25 0.16 0.00	21.25 0.25 0.00
SENECA__ENERGY 23797	19.06 0.06 0.00	17.69 -0.05 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.50 -0.03 0.00	17.20 0.09 0.00	20.33 0.12 0.00	21.06 0.11 0.00	21.68 0.07 0.00	20.12 0.18 0.00	20.79 0.10 0.00	20.77 0.16 0.00	21.23 0.08 0.00	21.50 -0.02 0.00	21.67 0.00 0.00	22.20 0.00 -0.02	25.17 0.05 -0.30	28.81 -0.03 -0.68	30.23 0.09 -0.82	30.55 0.18 -0.84	29.86 0.06 -0.78	26.37 0.18 -0.41	23.23 0.14 0.00	21.13 0.13 0.00
SHOEMAKER__GT 23640	19.72 0.72 0.00	18.38 0.64 0.00	16.65 0.50 0.00	16.06 0.47 0.00	16.00 0.47 0.00	17.66 0.55 0.00	20.87 0.67 0.00	21.73 0.78 0.00	22.50 0.89 0.00	20.68 0.74 0.00	21.53 0.85 0.00	21.45 0.85 0.00	22.14 0.99 0.00	22.60 1.08 0.00	22.78 1.10 0.00	23.32 1.13 0.00	26.28 1.46 0.00	29.79 1.63 0.00	31.17 1.85 0.00	31.32 1.80 0.00	30.62 1.60 0.00	27.09 1.31 0.00	24.04 0.95 0.00	21.74 0.73 0.00
SHOEMAKR_138KV_BK 111 55601	19.72 0.72 0.00	18.36 0.62 0.00	16.68 0.53 0.00	16.06 0.47 0.00	16.00 0.47 0.00	17.63 0.51 0.00	20.87 0.67 0.00	21.73 0.78 0.00	22.52 0.91 0.00	20.70 0.76 0.00	21.55 0.87 0.00	21.57 0.97 0.00	22.16 1.02 0.00	22.62 1.10 0.00	22.80 1.13 0.00	23.34 1.15 0.00	26.28 1.46 0.00	29.82 1.66 0.00	31.17 1.85 0.00	31.32 1.80 0.00	30.62 1.60 0.00	27.09 1.31 0.00	24.04 0.95 0.00	21.74 0.74 0.00
SHOREHAM_IC_1 23715	25.22 1.65 -4.57	25.80 1.45 -6.60	25.20 1.00 -8.05	18.65 0.90 -2.15	18.63 0.90 -2.19	20.04 1.08 -1.85	21.71 1.41 -0.09	22.59 1.64 0.00	23.64 1.92 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.60 2.17 -6.90	32.18 2.25 -8.25	37.66 2.42 -13.06	43.74 2.98 -15.94	48.15 3.35 -16.65	86.62 3.55 -53.75	41.67 3.51 -8.63	45.71 3.11 -13.59	38.39 2.63 -9.98	25.24 2.15 0.00	29.61 1.72 -6.89
SHOREHAM_IC_2 23716	25.22 1.65 -4.57	25.80 1.45 -6.60	25.20 1.00 -8.05	18.65 0.90 -2.15	18.63 0.90 -2.19	20.04 1.08 -1.85	21.71 1.41 -0.09	22.59 1.64 0.00	23.64 1.92 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.60 2.17 -6.90	32.18 2.25 -8.25	37.66 2.42 -13.06	43.74 2.98 -15.94	48.15 3.35 -16.65	86.62 3.55 -53.75	41.67 3.51 -8.63	45.71 3.11 -13.59	38.39 2.63 -9.98	25.24 2.15 0.00	29.61 1.72 -6.89
SISSONVILLE____ 23735	18.49 -0.51 0.00	17.33 -0.41 0.00	15.84 -0.31 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	16.81 -0.31 0.00	19.94 -0.26 0.00	20.68 -0.27 0.00	21.22 -0.39 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.19 -0.41 0.00	20.72 -0.42 0.00	21.07 -0.45 0.00	21.06 -0.61 0.00	21.41 -0.78 0.00	23.68 -1.14 0.00	26.95 -1.21 0.00	27.88 -1.44 0.00	28.17 -1.36 0.00	27.95 -1.07 0.00	25.10 -0.67 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
SITHE_IND_GS1 24169	18.64 -0.36 0.00	17.35 -0.39 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.19 -0.34 0.00	16.79 -0.33 0.00	19.78 -0.43 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.50 -0.44 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.53 -0.61 0.00	20.86 -0.67 0.00	21.02 -0.65 0.00	21.34 -0.69 0.16	21.44 -0.74 2.63	21.34 -0.87 5.94	21.34 -0.85 7.13	21.34 -0.83 7.36	21.38 -0.87 6.77	21.44 -0.72 3.61	22.45 -0.65 0.00	20.60 -0.40 0.00
SITHE_IND_GS2 24170	18.64 -0.36 0.00	17.35 -0.39 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.19 -0.34 0.00	16.79 -0.33 0.00	19.78 -0.43 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.50 -0.44 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.53 -0.61 0.00	20.86 -0.67 0.00	21.02 -0.65 0.00	21.34 -0.69 0.16	21.44 -0.74 2.63	21.34 -0.87 5.94	21.34 -0.85 7.13	21.34 -0.83 7.36	21.38 -0.87 6.77	21.44 -0.72 3.61	22.45 -0.65 0.00	20.60 -0.40 0.00
SITHE_IND_GS3 24171	18.64 -0.36 0.00	17.35 -0.39 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.19 -0.34 0.00	16.79 -0.33 0.00	19.78 -0.43 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.50 -0.44 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.53 -0.61 0.00	20.86 -0.67 0.00	21.02 -0.65 0.00	21.34 -0.69 0.16	21.44 -0.74 2.63	21.34 -0.87 5.94	21.34 -0.85 7.13	21.34 -0.83 7.36	21.38 -0.87 6.77	21.44 -0.72 3.61	22.45 -0.65 0.00	20.60 -0.40 0.00
SITHE_IND_GS4 24172	18.64 -0.36 0.00	17.35 -0.39 0.00	15.79 -0.36 0.00	15.25 -0.34 0.00	15.19 -0.34 0.00	16.79 -0.33 0.00	19.78 -0.43 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.50 -0.44 0.00	20.19 -0.50 0.00	20.13 -0.47 0.00	20.53 -0.61 0.00	20.86 -0.67 0.00	21.02 -0.65 0.00	21.34 -0.69 0.16	21.44 -0.74 2.63	21.34 -0.87 5.94	21.34 -0.85 7.13	21.34 -0.83 7.36	21.38 -0.87 6.77	21.44 -0.72 3.61	22.45 -0.65 0.00	20.60 -0.40 0.00
SITHE__BATAVIA 24024	19.27 0.27 0.00	17.76 0.02 0.00	16.27 0.13 0.00	15.70 0.11 0.00	15.67 0.14 0.00	17.44 0.32 0.00	20.41 0.20 0.00	21.08 0.13 0.00	21.83 0.22 0.00	20.32 0.38 0.00	20.91 0.23 0.00	20.93 0.33 0.00	21.31 0.17 0.00	21.53 0.00 0.00	21.72 0.04 0.00	22.25 0.07 0.00	24.87 0.05 0.00	27.85 -0.31 0.00	29.20 -0.12 0.00	29.52 0.00 0.00	28.79 -0.23 0.00	26.03 0.26 0.00	23.44 0.35 0.00	21.30 0.29 0.00

SITHE___INDEPEND 23800	18.64 -0.36 0.00	17.37 -0.37 0.00	15.81 -0.34 0.00	15.25 -0.34 0.00	15.19 -0.34 0.00	16.81 -0.31 0.00	19.78 -0.42 0.00	20.45 -0.50 0.00	21.07 -0.54 0.00	19.50 -0.44 0.00	20.19 -0.50 0.00	20.03 -0.58 0.00	20.53 -0.61 0.00	20.86 -0.67 0.00	21.02 -0.65 0.00	21.34 -0.69 0.16	21.44 -0.74 2.63	21.34 -0.87 5.94	21.34 -0.85 7.13	21.34 -0.83 7.36	21.38 -0.87 6.77	21.44 -0.72 3.61	22.45 -0.65 0.00	20.60 -0.40 0.00
SITHE___MASSENA 23902	18.53 -0.47 0.00	17.35 -0.39 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.77 -0.34 0.00	19.86 -0.34 0.00	20.60 -0.36 0.00	21.18 -0.43 0.00	19.58 -0.36 0.00	20.25 -0.44 0.00	20.15 -0.45 0.00	20.70 -0.45 0.00	21.05 -0.47 0.00	21.15 -0.52 0.00	21.63 -0.55 0.00	24.02 -0.80 0.00	27.28 -0.87 0.00	28.21 -1.11 0.00	28.46 -1.06 0.00	28.21 -0.81 0.00	25.13 -0.64 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
SITHE___OGDNSBRG 24021	18.62 -0.38 0.00	17.47 -0.27 0.00	15.97 -0.18 0.00	15.69 0.09 0.00	15.64 0.11 0.00	16.96 -0.15 0.00	20.13 -0.08 0.00	20.87 -0.08 0.00	21.40 -0.22 0.00	19.76 -0.18 0.00	20.42 -0.27 0.00	20.32 -0.29 0.00	20.85 -0.30 0.00	21.20 -0.32 0.00	21.26 -0.41 0.00	21.68 -0.51 0.00	24.02 -0.79 0.00	27.31 -0.84 0.00	28.27 -1.06 0.00	28.58 -0.94 0.00	28.38 -0.64 0.00	25.36 -0.41 0.00	22.88 -0.21 0.00	20.73 -0.27 0.00
SITHE___STERLING 23777	19.59 0.59 0.00	18.25 0.51 0.00	16.58 0.44 0.00	16.01 0.42 0.00	15.95 0.42 0.00	17.70 0.58 0.00	20.93 0.73 0.00	21.71 0.75 0.00	22.31 0.69 0.00	20.62 0.68 0.00	21.35 0.66 0.00	21.28 0.68 0.00	21.82 0.68 0.00	22.17 0.65 0.00	22.32 0.65 0.00	22.86 0.66 -0.01	25.73 0.79 -0.12	29.35 0.93 -0.27	30.78 1.14 -0.32	31.04 1.18 -0.33	30.43 1.10 -0.31	26.94 1.00 -0.16	23.92 0.83 0.00	21.72 0.71 0.00
SLEIGHT___34_KV_TB1 80719	18.87 -0.13 0.00	17.49 -0.25 0.00	15.95 -0.19 0.00	15.37 -0.22 0.00	15.35 -0.19 0.00	17.08 -0.03 0.00	20.11 -0.10 0.00	20.81 -0.15 0.00	21.42 -0.19 0.00	19.96 0.02 0.00	20.60 -0.08 0.00	20.52 -0.08 0.00	21.00 -0.15 0.00	21.27 -0.26 0.00	21.43 -0.24 0.00	21.96 -0.22 0.00	24.57 -0.25 0.00	27.74 -0.42 0.00	28.97 -0.35 0.00	29.23 -0.30 0.00	28.62 -0.41 0.00	25.62 -0.15 0.00	22.98 -0.12 0.00	20.88 -0.13 0.00
SOUTH CAIRO___GT 23612	19.99 0.99 0.00	18.87 1.14 0.00	17.19 1.05 0.00	16.57 0.98 0.00	16.48 0.95 0.00	18.04 0.92 0.00	21.30 1.09 0.00	21.84 0.88 0.00	22.50 0.89 0.00	20.52 0.58 0.00	21.33 0.64 0.00	21.18 0.58 0.00	21.76 0.61 0.00	22.21 0.69 0.00	22.32 0.65 0.00	22.90 0.71 0.00	25.76 0.94 0.00	29.42 1.27 0.00	31.08 1.76 0.00	31.41 1.89 0.00	30.85 1.83 0.00	27.24 1.47 0.00	24.34 1.25 0.00	21.97 0.97 0.00
SOUTH HAMPTN___IC 23720	25.45 1.94 -4.51	25.97 1.70 -6.53	25.33 1.23 -7.96	18.84 1.12 -2.13	18.84 1.13 -2.17	20.28 1.34 -1.83	22.03 1.74 -0.09	22.95 1.99 0.00	24.06 2.34 -0.11	22.14 2.09 -0.11	22.98 2.30 0.00	28.86 2.41 -5.84	28.70 2.62 -4.94	31.07 2.67 -6.88	32.68 2.75 -8.25	38.17 2.93 -13.06	44.27 3.55 -15.90	48.77 3.97 -16.65	86.90 4.22 -53.36	42.32 4.19 -8.61	46.29 3.69 -13.58	38.90 3.14 -9.98	25.63 2.54 0.00	29.87 2.06 -6.81
SOUTHDOW___115KV_TB1 355954	19.70 0.70 0.00	18.18 0.44 0.00	16.69 0.55 0.00	16.11 0.51 0.00	16.08 0.54 0.00	18.06 0.94 0.00	21.06 0.85 0.00	21.82 0.86 0.00	22.50 0.89 0.00	21.12 1.18 0.00	21.86 1.18 0.00	21.78 1.17 0.00	22.29 1.14 0.00	22.54 1.01 0.00	22.71 1.04 0.00	23.14 0.95 0.00	25.79 0.97 0.00	28.69 0.53 0.00	30.17 0.85 0.00	30.56 1.03 0.00	29.66 0.64 0.00	26.78 1.01 0.00	24.09 0.99 0.00	21.93 0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	25.69 2.19 -4.51	26.16 1.92 -6.51	25.77 1.66 -7.96	19.06 1.36 -2.12	19.04 1.34 -2.17	20.52 1.57 -1.83	22.36 2.06 -0.09	23.30 2.35 0.00	24.51 2.79 -0.11	22.54 2.49 -0.11	23.50 2.81 0.00	29.47 3.03 -5.84	29.17 3.09 -4.94	31.57 3.16 -6.88	33.15 3.23 -8.25	38.66 3.42 -13.06	44.81 4.10 -15.90	49.45 4.65 -16.65	87.56 4.90 -53.34	43.00 4.87 -8.60	46.90 4.30 -13.58	39.47 3.71 -9.98	26.00 2.91 0.00	30.18 2.37 -6.80
SOUTHOLD___IC 23719	25.68 2.17 -4.51	26.16 1.90 -6.52	25.51 1.40 -7.96	19.03 1.31 -2.13	19.04 1.34 -2.17	20.53 1.59 -1.83	22.34 2.04 -0.09	23.30 2.35 0.00	24.49 2.77 -0.11	22.54 2.49 -0.11	23.44 2.75 0.00	29.35 2.91 -5.84	29.17 3.09 -4.94	31.57 3.17 -6.88	33.15 3.23 -8.25	38.66 3.42 -13.06	44.81 4.09 -15.90	49.45 4.64 -16.65	87.56 4.90 -53.34	43.03 4.90 -8.60	46.90 4.29 -13.58	39.44 3.69 -9.98	26.00 2.91 0.00	30.20 2.39 -6.80
SOUTH_FORK_WT_PWR 323839	25.64 2.13 -4.51	26.13 1.86 -6.53	25.48 1.37 -7.96	19.01 1.29 -2.13	19.04 1.34 -2.17	20.55 1.61 -1.83	22.36 2.06 -0.09	23.32 2.37 0.00	24.53 2.81 -0.11	22.60 2.55 -0.11	23.50 2.81 0.00	29.41 2.97 -5.84	29.23 3.15 -4.94	31.61 3.21 -6.88	33.17 3.25 -8.25	38.66 3.42 -13.06	44.81 4.09 -15.90	49.45 4.64 -16.65	87.57 4.90 -53.35	43.03 4.90 -8.61	46.90 4.29 -13.58	39.44 3.69 -9.98	25.98 2.89 0.00	30.18 2.37 -6.81
SPIERFLS_115KV_TB 1 80737	20.25 1.25 0.00	18.93 1.19 0.00	17.18 1.03 0.00	16.56 0.97 0.00	16.48 0.95 0.00	18.21 1.10 0.00	21.52 1.31 0.00	22.26 1.30 0.00	22.98 1.36 0.00	21.04 1.10 0.00	21.90 1.22 0.00	21.82 1.22 0.00	22.40 1.25 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.54 1.35 0.00	26.51 1.69 0.00	30.07 1.91 0.00	31.70 2.38 0.00	31.65 2.13 0.00	31.29 2.26 0.00	27.65 1.88 0.00	24.78 1.69 0.00	22.37 1.37 0.00
ST LAWRENCE____ 23600	18.51 -0.49 0.00	17.31 -0.43 0.00	15.89 -0.26 0.00	15.36 -0.23 0.00	15.30 -0.23 0.00	16.72 -0.39 0.00	19.78 -0.43 0.00	20.54 -0.42 0.00	21.14 -0.48 0.00	19.52 -0.42 0.00	20.21 -0.47 0.00	20.11 -0.49 0.00	20.64 -0.51 0.00	21.01 -0.52 0.00	21.13 -0.54 0.00	21.61 -0.58 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.46 -1.06 0.00	28.18 -0.84 0.00	25.08 -0.69 0.00	22.61 -0.49 0.00	20.54 -0.46 0.00
STATE_CA_115KV_115_LB 55624	19.53 0.53 0.00	18.48 0.75 0.00	16.84 0.69 0.00	16.23 0.64 0.00	16.14 0.61 0.00	17.65 0.53 0.00	20.83 0.63 0.00	21.50 0.54 0.00	22.18 0.56 0.00	20.34 0.40 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.23 0.56 0.00	22.78 0.60 0.00	25.51 0.69 0.00	29.09 0.93 0.00	30.52 1.20 0.00	30.70 1.18 0.00	30.07 1.04 0.00	26.60 0.82 0.00	23.76 0.67 0.00	21.46 0.46 0.00
STATE_ST_34_KV_LOAD 55959	19.19 0.19 0.00	17.83 0.09 0.00	16.21 0.06 0.00	15.64 0.05 0.00	15.60 0.06 0.00	17.32 0.21 0.00	20.45 0.24 0.00	21.17 0.21 0.00	21.77 0.15 0.00	20.20 0.26 0.00	20.91 0.23 0.00	20.81 0.21 0.00	21.34 0.19 0.00	21.65 0.13 0.00	21.82 0.15 0.00	22.34 0.13 -0.02	25.37 0.20 -0.36	29.13 0.17 -0.80	30.58 0.29 -0.96	30.87 0.35 -0.99	30.20 0.26 -0.91	26.57 0.31 -0.49	23.37 0.28 0.00	21.25 0.25 0.00

STATION 5_MISC_HYD 23604	19.02 0.02 0.00	17.60 -0.14 0.00	16.06 -0.08 0.00	15.51 -0.08 0.00	15.47 -0.06 0.00	17.17 0.05 0.00	20.17 -0.04 0.00	20.87 -0.08 0.00	21.59 -0.02 0.00	20.08 0.14 0.00	20.70 0.02 0.00	20.73 0.12 0.00	21.11 -0.04 0.00	21.37 -0.15 0.00	21.54 -0.13 0.00	22.10 -0.09 0.00	24.69 -0.12 0.00	27.79 -0.37 0.00	29.03 -0.29 0.00	29.29 -0.24 0.00	28.64 -0.38 0.00	25.72 -0.05 0.00	23.12 0.02 0.00	21.02 0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.11 0.11 0.00	17.70 -0.04 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.35 0.14 0.00	21.08 0.13 0.00	21.68 0.06 0.00	20.22 0.28 0.00	20.87 0.19 0.00	20.79 0.19 0.00	21.25 0.11 0.00	21.52 0.00 0.00	21.69 0.02 0.00	22.25 0.07 0.00	24.89 0.07 0.00	28.10 -0.06 0.00	29.35 0.03 0.00	29.61 0.09 0.00	28.96 -0.06 0.00	25.95 0.18 0.00	23.28 0.18 0.00	21.13 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.91 -0.10 0.00	17.51 -0.23 0.00	15.98 -0.16 0.00	15.42 -0.17 0.00	15.38 -0.16 0.00	17.13 0.02 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.40 -0.22 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.56 -0.04 0.00	21.00 -0.15 0.00	21.29 -0.24 0.00	21.43 -0.24 0.00	21.99 -0.20 0.00	24.60 -0.22 0.00	27.68 -0.48 0.00	28.91 -0.41 0.00	29.17 -0.35 0.00	28.50 -0.52 0.00	25.59 -0.18 0.00	22.98 -0.12 0.00	20.90 -0.11 0.00
STA_56____34_KV_BUS2 355983	18.91 -0.10 0.00	17.51 -0.23 0.00	15.98 -0.16 0.00	15.42 -0.17 0.00	15.38 -0.16 0.00	17.13 0.02 0.00	20.09 -0.12 0.00	20.79 -0.17 0.00	21.40 -0.22 0.00	19.98 0.04 0.00	20.62 -0.06 0.00	20.56 -0.04 0.00	21.00 -0.15 0.00	21.29 -0.24 0.00	21.43 -0.24 0.00	21.99 -0.20 0.00	24.60 -0.22 0.00	27.68 -0.48 0.00	28.91 -0.41 0.00	29.17 -0.35 0.00	28.50 -0.52 0.00	25.59 -0.18 0.00	22.98 -0.12 0.00	20.90 -0.11 0.00
STA_67____115KV_BK2 355882	18.98 -0.02 0.00	17.56 -0.18 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.44 -0.09 0.00	17.20 0.09 0.00	20.15 -0.06 0.00	20.83 -0.13 0.00	21.44 -0.17 0.00	20.02 0.08 0.00	20.68 0.00 0.00	20.60 0.00 0.00	21.06 -0.08 0.00	21.33 -0.19 0.00	21.48 -0.20 0.00	22.03 -0.16 0.00	24.64 -0.17 0.00	27.71 -0.45 0.00	28.97 -0.35 0.00	29.23 -0.30 0.00	28.56 -0.46 0.00	25.67 -0.10 0.00	23.07 -0.02 0.00	20.98 -0.02 0.00
STA_7____115KV_9TRANS 80674	19.10 0.10 0.00	17.67 -0.07 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	17.31 0.19 0.00	20.27 0.06 0.00	20.98 0.02 0.00	21.59 -0.02 0.00	20.18 0.24 0.00	20.83 0.14 0.00	20.77 0.16 0.00	21.21 0.06 0.00	21.48 -0.04 0.00	21.65 -0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.93 -0.23 0.00	29.17 -0.15 0.00	29.44 -0.09 0.00	28.79 -0.23 0.00	25.88 0.10 0.00	23.23 0.14 0.00	21.11 0.11 0.00
STA_82____115KV_TB1 80780	19.00 0.00 0.00	17.58 -0.16 0.00	16.06 -0.08 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.20 0.09 0.00	20.15 -0.06 0.00	20.85 -0.10 0.00	21.46 -0.15 0.00	20.04 0.10 0.00	20.68 0.00 0.00	20.63 0.02 0.00	21.06 -0.08 0.00	21.33 -0.19 0.00	21.50 -0.17 0.00	22.05 -0.13 0.00	24.64 -0.17 0.00	27.74 -0.42 0.00	28.97 -0.35 0.00	29.23 -0.30 0.00	28.59 -0.44 0.00	25.67 -0.10 0.00	23.07 -0.02 0.00	20.98 -0.02 0.00
STEEL____WIND 323596	19.15 0.15 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.34 0.22 0.00	20.29 0.08 0.00	20.87 -0.08 0.00	21.68 0.07 0.00	20.22 0.28 0.00	20.89 0.21 0.00	20.87 0.27 0.00	21.31 0.17 0.00	21.57 0.04 0.00	21.74 0.07 0.00	22.23 0.04 0.00	24.82 0.00 0.00	27.71 -0.45 0.00	29.03 -0.29 0.00	29.38 -0.15 0.00	28.56 -0.47 0.00	25.77 0.00 0.00	23.23 0.14 0.00	21.23 0.23 0.00
STEPHTWN_115KV_BK_2 55603	19.63 0.63 0.00	18.57 0.83 0.00	16.90 0.76 0.00	16.29 0.70 0.00	16.20 0.67 0.00	17.73 0.62 0.00	20.93 0.73 0.00	21.61 0.65 0.00	22.28 0.67 0.00	20.42 0.48 0.00	21.24 0.56 0.00	21.18 0.58 0.00	21.76 0.61 0.00	22.19 0.67 0.00	22.34 0.67 0.00	22.92 0.73 0.00	25.69 0.87 0.00	29.31 1.15 0.00	30.82 1.50 0.00	31.00 1.48 0.00	30.36 1.33 0.00	26.83 1.06 0.00	23.97 0.88 0.00	21.63 0.63 0.00
STEUBEN_REC_LFGE 323667	19.51 0.51 0.00	18.02 0.28 0.00	16.50 0.36 0.00	15.90 0.31 0.00	15.89 0.36 0.00	17.78 0.67 0.00	20.89 0.69 0.00	21.58 0.63 0.00	22.15 0.54 0.00	20.72 0.78 0.00	21.41 0.72 0.00	21.33 0.72 0.00	21.87 0.72 0.00	22.11 0.58 0.00	22.26 0.59 0.00	22.77 0.58 -0.01	25.61 0.69 -0.10	28.92 0.53 -0.22	30.35 0.76 -0.27	30.75 0.94 -0.28	30.00 0.73 -0.25	26.86 0.95 -0.14	23.97 0.88 0.00	21.76 0.76 0.00
STILLWATER____SOLAR 323814	20.01 1.01 0.00	18.73 0.99 0.00	16.97 0.82 0.00	16.42 0.83 0.00	16.33 0.79 0.00	18.01 0.89 0.00	21.26 1.05 0.00	22.00 1.05 0.00	22.69 1.08 0.00	20.82 0.88 0.00	21.66 0.97 0.00	21.51 0.91 0.00	22.14 0.99 0.00	22.58 1.05 0.00	22.71 1.04 0.00	23.29 1.11 0.00	26.21 1.39 0.00	29.82 1.66 0.00	31.37 2.05 0.00	31.50 1.98 0.00	30.97 1.94 0.00	27.40 1.62 0.00	24.43 1.34 0.00	22.07 1.07 0.00
STONY____BROOK 24151	25.91 1.82 -5.08	26.68 1.60 -7.35	26.22 1.11 -8.96	18.98 1.00 -2.39	18.97 1.00 -2.44	20.35 1.18 -2.06	21.82 1.52 -0.10	22.74 1.78 0.00	23.83 2.10 -0.12	21.92 1.85 -0.12	22.71 2.03 0.00	28.56 2.10 -5.85	28.44 2.35 -4.95	30.97 2.37 -7.08	32.34 2.41 -8.27	37.73 2.48 -13.06	44.18 2.98 -16.39	48.11 3.29 -16.66	90.51 3.49 -57.70	41.83 3.42 -8.88	45.78 3.16 -13.60	38.42 2.66 -10.00	25.38 2.29 0.00	30.54 1.89 -7.65
STURGEON_POOL_HYD 23609	19.84 0.84 0.00	18.39 0.66 0.00	16.69 0.55 0.00	16.06 0.47 0.00	16.00 0.47 0.00	17.65 0.53 0.00	20.91 0.71 0.00	21.84 0.88 0.00	22.69 1.08 0.00	20.84 0.90 0.00	21.74 1.05 0.00	21.78 1.17 0.00	22.40 1.25 0.00	22.88 1.36 0.00	23.08 1.41 0.00	23.61 1.42 0.00	26.68 1.86 0.00	30.21 2.06 0.00	31.55 2.23 0.00	31.68 2.16 0.00	30.94 1.92 0.00	27.29 1.52 0.00	24.15 1.06 0.00	21.84 0.84 0.00
ST_LAW_115_BK7_LBMP 345037	18.51 -0.49 0.00	17.31 -0.43 0.00	15.89 -0.26 0.00	15.36 -0.23 0.00	15.30 -0.23 0.00	16.72 -0.39 0.00	19.78 -0.43 0.00	20.54 -0.42 0.00	21.14 -0.48 0.00	19.52 -0.42 0.00	20.21 -0.47 0.00	20.11 -0.49 0.00	20.64 -0.51 0.00	21.01 -0.52 0.00	21.13 -0.54 0.00	21.61 -0.58 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.46 -1.06 0.00	28.18 -0.84 0.00	25.08 -0.69 0.00	22.61 -0.49 0.00	20.54 -0.46 0.00
ST_LAW_115_BK8_LBMP 345038	18.51 -0.49 0.00	17.31 -0.43 0.00	15.89 -0.26 0.00	15.36 -0.23 0.00	15.30 -0.23 0.00	16.72 -0.39 0.00	19.78 -0.43 0.00	20.54 -0.42 0.00	21.14 -0.48 0.00	19.52 -0.42 0.00	20.21 -0.47 0.00	20.11 -0.49 0.00	20.64 -0.51 0.00	21.01 -0.52 0.00	21.13 -0.54 0.00	21.61 -0.58 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.46 -1.06 0.00	28.18 -0.84 0.00	25.08 -0.69 0.00	22.61 -0.49 0.00	20.54 -0.46 0.00

ST_LAW_230_BK5_LBMP 345035	18.56 -0.44 0.00	17.38 -0.35 0.00	15.92 -0.23 0.00	15.39 -0.20 0.00	15.33 -0.20 0.00	16.79 -0.33 0.00	19.86 -0.34 0.00	20.60 -0.36 0.00	21.20 -0.41 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.45 0.00	21.07 -0.45 0.00	21.22 -0.46 0.00	21.70 -0.49 0.00	24.15 -0.67 0.00	27.43 -0.73 0.00	28.35 -0.97 0.00	28.58 -0.95 0.00	28.30 -0.72 0.00	25.18 -0.59 0.00	22.70 -0.39 0.00	20.60 -0.40 0.00
ST_LAW_230_BK6_LBMP 345036	18.56 -0.44 0.00	17.38 -0.35 0.00	15.92 -0.23 0.00	15.39 -0.20 0.00	15.33 -0.20 0.00	16.79 -0.33 0.00	19.86 -0.34 0.00	20.60 -0.36 0.00	21.20 -0.41 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.45 0.00	21.07 -0.45 0.00	21.22 -0.46 0.00	21.70 -0.49 0.00	24.15 -0.67 0.00	27.43 -0.73 0.00	28.35 -0.97 0.00	28.58 -0.95 0.00	28.30 -0.72 0.00	25.18 -0.59 0.00	22.70 -0.39 0.00	20.60 -0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.82 0.82 0.00	18.45 0.71 0.00	16.74 0.60 0.00	16.12 0.53 0.00	16.05 0.51 0.00	17.70 0.58 0.00	20.95 0.75 0.00	21.86 0.90 0.00	22.65 1.04 0.00	20.80 0.86 0.00	21.68 0.99 0.00	21.72 1.11 0.00	22.33 1.18 0.00	22.79 1.27 0.00	22.99 1.32 0.00	23.52 1.33 0.00	26.53 1.71 0.00	30.07 1.91 0.00	31.43 2.11 0.00	31.59 2.07 0.00	30.82 1.80 0.00	27.24 1.47 0.00	24.15 1.06 0.00	21.82 0.82 0.00
SWANROAD_115KV_TB1 355699	18.70 -0.30 0.00	17.22 -0.51 0.00	15.81 -0.34 0.00	15.25 -0.34 0.00	15.22 -0.31 0.00	17.01 -0.10 0.00	19.72 -0.48 0.00	20.24 -0.71 0.00	20.88 -0.73 0.00	19.62 -0.32 0.00	20.29 -0.39 0.00	20.19 -0.41 0.00	20.64 -0.51 0.00	20.86 -0.67 0.00	21.00 -0.67 0.00	21.52 -0.67 0.00	24.00 -0.82 0.00	26.78 -1.38 0.00	28.06 -1.26 0.00	28.37 -1.15 0.00	27.60 -1.42 0.00	24.97 -0.80 0.00	22.54 -0.55 0.00	20.62 -0.38 0.00
SYNERGY___BIOGAS 323694	19.27 0.27 0.00	17.76 0.02 0.00	16.27 0.13 0.00	15.70 0.11 0.00	15.67 0.14 0.00	17.44 0.32 0.00	20.41 0.20 0.00	21.08 0.13 0.00	21.83 0.22 0.00	20.32 0.38 0.00	20.91 0.23 0.00	20.93 0.33 0.00	21.31 0.17 0.00	21.53 0.00 0.00	21.72 0.04 0.00	22.25 0.07 0.00	24.87 0.05 0.00	27.85 -0.31 0.00	29.20 -0.12 0.00	29.52 0.00 0.00	28.79 -0.23 0.00	26.03 0.26 0.00	23.44 0.35 0.00	21.30 0.29 0.00
SYRACUSE___ENERGY_ST1 323597	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	19.08 0.08 0.00	17.74 0.00 0.00	16.14 0.00 0.00	15.56 -0.03 0.00	15.52 -0.02 0.00	17.20 0.09 0.00	20.29 0.08 0.00	21.00 0.04 0.00	21.61 0.00 0.00	20.04 0.10 0.00	20.75 0.06 0.00	20.60 0.00 0.00	21.15 0.00 0.00	21.46 -0.06 0.00	21.63 -0.04 0.00	22.17 -0.04 -0.03	25.22 -0.02 -0.43	29.04 -0.08 -0.97	30.49 0.00 -1.16	30.78 0.06 -1.20	30.13 0.00 -1.11	26.41 0.05 -0.59	23.14 0.05 0.00	21.11 0.11 0.00
SYRACUSE___POWER 24017	18.98 -0.02 0.00	17.67 -0.07 0.00	16.06 -0.08 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.10 -0.02 0.00	20.17 -0.04 0.00	20.89 -0.06 0.00	21.53 -0.09 0.00	19.94 0.00 0.00	20.66 -0.02 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.54 -0.13 0.00	22.07 -0.13 -0.02	24.98 -0.12 -0.28	28.60 -0.20 -0.64	29.97 -0.12 -0.76	30.22 -0.09 -0.79	29.60 -0.15 -0.72	26.08 -0.08 -0.39	23.00 -0.09 0.00	21.00 0.00 0.00
TALLMAN___138KV_BK151 55660	19.93 0.93 0.00	18.55 0.82 0.00	16.82 0.68 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.08 0.87 0.00	22.00 1.05 0.00	22.82 1.21 0.00	20.96 1.02 0.00	21.84 1.16 0.00	21.92 1.32 0.00	22.52 1.37 0.00	23.01 1.49 0.00	23.21 1.54 0.00	23.76 1.58 0.00	26.78 1.96 0.00	30.38 2.22 0.00	31.73 2.40 0.00	31.86 2.33 0.00	31.08 2.06 0.00	27.45 1.68 0.00	24.32 1.22 0.00	21.95 0.95 0.00
TEALLAVE_115KV_TB7 355573	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.12 0.00 0.00	20.19 -0.02 0.00	20.89 -0.06 0.00	21.53 -0.09 0.00	19.94 0.00 0.00	20.66 -0.02 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.37 -0.15 0.00	21.52 -0.15 0.00	22.04 -0.16 -0.01	24.89 -0.15 -0.22	28.43 -0.23 -0.50	29.78 -0.15 -0.60	30.06 -0.09 -0.62	29.42 -0.17 -0.57	25.97 -0.10 -0.30	23.00 -0.09 0.00	21.00 0.00 0.00
TELGRAPH_34_KV_EAST 80808	19.04 0.04 0.00	17.56 -0.18 0.00	16.10 -0.05 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	17.32 0.21 0.00	20.15 -0.06 0.00	20.75 -0.21 0.00	21.38 -0.24 0.00	20.06 0.12 0.00	20.72 0.04 0.00	20.62 0.02 0.00	21.06 -0.08 0.00	21.29 -0.24 0.00	21.46 -0.22 0.00	21.98 -0.20 0.00	24.55 -0.27 0.00	27.43 -0.73 0.00	28.76 -0.56 0.00	29.08 -0.44 0.00	28.33 -0.70 0.00	25.62 -0.15 0.00	23.09 0.00 0.00	21.04 0.04 0.00
TEMPLE___115KV_TB 2 55572	18.98 -0.02 0.00	17.67 -0.07 0.00	16.08 -0.06 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.12 0.00 0.00	20.19 -0.02 0.00	20.91 -0.04 0.00	21.53 -0.09 0.00	19.96 0.02 0.00	20.66 -0.02 0.00	20.54 -0.06 0.00	21.08 -0.06 0.00	21.40 -0.13 0.00	21.54 -0.13 0.00	22.07 -0.13 -0.01	24.92 -0.12 -0.22	28.46 -0.20 -0.50	29.80 -0.12 -0.60	30.06 -0.09 -0.62	29.42 -0.17 -0.57	25.97 -0.10 -0.30	23.00 -0.09 0.00	21.00 0.00 0.00
TIANA___69_KV_BK 1 55817	25.41 1.90 -4.51	25.91 1.67 -6.51	25.54 1.44 -7.96	18.83 1.12 -2.12	18.77 1.07 -2.17	20.21 1.27 -1.83	21.97 1.68 -0.09	22.86 1.91 0.00	23.99 2.27 -0.11	22.04 1.99 -0.11	22.92 2.23 0.00	28.88 2.43 -5.84	28.58 2.50 -4.94	30.97 2.56 -6.88	32.57 2.64 -8.25	38.06 2.82 -13.06	44.14 3.42 -15.90	48.66 3.86 -16.65	86.74 4.08 -53.35	42.14 4.02 -8.60	46.18 3.57 -13.58	38.80 3.04 -9.98	25.56 2.47 0.00	29.80 2.00 -6.80
TILDEN___115KV_TB1 80814	18.98 -0.02 0.00	17.67 -0.07 0.00	16.06 -0.08 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.10 -0.02 0.00	20.17 -0.04 0.00	20.89 -0.06 0.00	21.53 -0.09 0.00	19.94 0.00 0.00	20.66 -0.02 0.00	20.52 -0.08 0.00	21.06 -0.08 0.00	21.40 -0.13 0.00	21.54 -0.13 0.00	22.07 -0.13 -0.02	24.98 -0.12 -0.28	28.60 -0.20 -0.64	29.97 -0.12 -0.76	30.22 -0.09 -0.79	29.60 -0.15 -0.72	26.08 -0.08 -0.39	23.00 -0.09 0.00	21.00 0.00 0.00
TRIGEN___CC 323695	20.43 1.43 -0.01	19.02 1.28 0.00	17.23 1.08 0.00	16.39 0.80 0.00	16.28 0.75 0.00	17.99 0.87 0.00	21.32 1.11 0.00	22.32 1.36 0.00	23.26 1.64 0.00	21.34 1.40 0.00	22.26 1.57 0.00	28.10 1.77 -5.73	27.81 1.84 -4.82	28.76 1.94 -5.30	31.80 1.99 -8.14	37.26 2.02 -13.06	39.25 2.51 -11.92	47.54 2.84 -16.54	50.32 3.08 -17.92	38.90 3.01 -6.37	45.17 2.67 -13.48	37.84 2.19 -9.88	24.85 1.76 0.00	22.58 1.45 -0.13

TRINITY__115KV__4 BK 55933	19.48 0.48 0.00	18.45 0.71 0.00	16.81 0.66 0.00	16.20 0.61 0.00	16.11 0.57 0.00	17.60 0.48 0.00	20.77 0.57 0.00	21.44 0.48 0.00	22.11 0.50 0.00	20.26 0.32 0.00	21.08 0.39 0.00	21.04 0.43 0.00	21.61 0.47 0.00	22.04 0.52 0.00	22.17 0.50 0.00	22.70 0.51 0.00	25.44 0.62 0.00	28.97 0.82 0.00	30.41 1.08 0.00	30.59 1.06 0.00	29.95 0.93 0.00	26.49 0.72 0.00	23.69 0.60 0.00	21.40 0.40 0.00
UNION__PROCESSING_DRP 323587	19.00 0.00 0.00	17.58 -0.16 0.00	16.06 -0.08 0.00	15.50 -0.09 0.00	15.46 -0.08 0.00	17.22 0.10 0.00	20.17 -0.04 0.00	20.85 -0.10 0.00	21.46 -0.15 0.00	20.04 0.10 0.00	20.70 0.02 0.00	20.63 0.02 0.00	21.08 -0.06 0.00	21.35 -0.17 0.00	21.50 -0.17 0.00	22.05 -0.13 0.00	24.67 -0.15 0.00	27.74 -0.42 0.00	28.97 -0.35 0.00	29.26 -0.27 0.00	28.59 -0.44 0.00	25.70 -0.08 0.00	23.09 0.00 0.00	21.00 0.00 0.00
UPPER HUDSON__HYD 24058	20.25 1.25 0.00	18.93 1.19 0.00	17.13 0.98 0.00	16.58 0.98 0.00	16.48 0.95 0.00	18.23 1.11 0.00	21.52 1.31 0.00	22.26 1.30 0.00	22.98 1.36 0.00	21.04 1.10 0.00	21.90 1.22 0.00	21.74 1.13 0.00	22.39 1.25 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.56 1.38 0.00	26.51 1.69 0.00	30.07 1.92 0.00	31.69 2.37 0.00	31.65 2.13 0.00	31.29 2.27 0.00	27.65 1.88 0.00	24.78 1.68 0.00	22.37 1.36 0.00
UPPER RAQUET__HYD 24056	18.49 -0.51 0.00	17.33 -0.41 0.00	16.11 -0.03 0.00	15.58 -0.02 0.00	15.53 0.00 0.00	16.79 -0.33 0.00	19.94 -0.26 0.00	20.68 -0.27 0.00	21.23 -0.39 0.00	19.64 -0.30 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.72 -0.42 0.00	21.07 -0.45 0.00	21.06 -0.61 0.00	21.41 -0.78 0.00	23.68 -1.14 0.00	26.95 -1.21 0.00	27.88 -1.44 0.00	28.17 -1.36 0.00	27.95 -1.07 0.00	25.10 -0.67 0.00	22.75 -0.35 0.00	20.58 -0.42 0.00
VALLEY44_115KV_TB2 355964	19.13 0.13 0.00	17.67 -0.07 0.00	16.21 0.06 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.46 0.34 0.00	20.41 0.20 0.00	20.98 0.02 0.00	21.61 0.00 0.00	20.24 0.30 0.00	20.93 0.25 0.00	20.91 0.31 0.00	21.38 0.23 0.00	21.63 0.11 0.00	21.82 0.15 0.00	22.32 0.13 0.00	24.99 0.17 0.00	27.96 -0.20 0.00	29.26 -0.06 0.00	29.58 0.06 0.00	28.76 -0.26 0.00	25.90 0.13 0.00	23.23 0.14 0.00	21.27 0.27 0.00
VALLEY__115KV_TB 1-4 80826	19.32 0.32 0.00	18.06 0.32 0.00	16.42 0.27 0.00	15.84 0.25 0.00	15.78 0.25 0.00	17.44 0.33 0.00	20.61 0.40 0.00	21.38 0.42 0.00	22.05 0.43 0.00	20.32 0.38 0.00	21.08 0.39 0.00	21.02 0.41 0.00	21.57 0.42 0.00	21.95 0.43 0.00	22.08 0.41 0.00	22.61 0.42 0.00	25.29 0.47 0.00	28.72 0.56 0.00	30.00 0.67 0.00	30.17 0.65 0.00	29.60 0.58 0.00	26.29 0.52 0.00	23.55 0.46 0.00	21.40 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.84 0.84 0.00	18.50 0.76 0.00	16.82 0.68 0.00	16.22 0.62 0.00	16.14 0.61 0.00	17.89 0.77 0.00	21.18 0.97 0.00	22.00 1.05 0.00	22.69 1.08 0.00	20.94 1.00 0.00	21.72 1.03 0.00	21.72 1.11 0.00	22.29 1.14 0.00	22.66 1.14 0.00	22.82 1.15 0.00	23.36 1.18 0.00	26.23 1.41 0.00	29.73 1.58 0.00	31.14 1.82 0.00	31.32 1.80 0.00	30.68 1.65 0.00	27.19 1.42 0.00	24.22 1.13 0.00	21.93 0.92 0.00
VISCHER__FERRY HYD 24020	19.78 0.78 0.00	18.56 0.82 0.00	16.82 0.68 0.00	16.28 0.69 0.00	16.20 0.67 0.00	17.80 0.69 0.00	20.99 0.79 0.00	21.82 0.86 0.00	22.48 0.87 0.00	20.60 0.66 0.00	21.43 0.74 0.00	21.28 0.68 0.00	21.95 0.80 0.00	22.41 0.88 0.00	22.52 0.84 0.00	23.07 0.89 0.00	25.91 1.09 0.00	29.54 1.38 0.00	31.02 1.70 0.00	31.21 1.68 0.00	30.59 1.57 0.00	27.04 1.26 0.00	24.11 1.01 0.00	21.78 0.78 0.00
V_A_10_SYNC_DSASP 323832	18.72 -0.28 0.00	17.30 -0.44 0.00	15.84 -0.31 0.00	15.28 -0.31 0.00	15.24 -0.30 0.00	16.91 -0.20 0.00	19.82 -0.38 0.00	20.43 -0.52 0.00	21.18 -0.43 0.00	19.72 -0.22 0.00	20.35 -0.33 0.00	20.36 -0.25 0.00	20.75 -0.40 0.00	20.99 -0.54 0.00	21.13 -0.54 0.00	21.65 -0.53 0.00	24.20 -0.62 0.00	27.09 -1.07 0.00	28.35 -0.97 0.00	28.64 -0.88 0.00	27.95 -1.07 0.00	25.18 -0.59 0.00	22.68 -0.41 0.00	20.69 -0.31 0.00
V_CMM_10_SYNC_DSASP 323787	18.58 -0.42 0.00	17.38 -0.35 0.00	15.95 -0.19 0.00	15.42 -0.17 0.00	15.36 -0.17 0.00	16.79 -0.33 0.00	19.88 -0.32 0.00	20.62 -0.34 0.00	21.23 -0.39 0.00	19.60 -0.34 0.00	20.29 -0.39 0.00	20.19 -0.41 0.00	20.72 -0.42 0.00	21.09 -0.43 0.00	21.22 -0.46 0.00	21.72 -0.47 0.00	24.15 -0.67 0.00	27.43 -0.73 0.00	28.35 -0.97 0.00	28.58 -0.95 0.00	28.32 -0.70 0.00	25.18 -0.59 0.00	22.72 -0.37 0.00	20.62 -0.38 0.00
V_CMP_10_SYNC_DSASP 323788	19.06 0.06 0.00	17.92 0.18 0.00	16.40 0.26 0.00	15.87 0.28 0.00	15.85 0.31 0.00	17.41 0.29 0.00	20.73 0.52 0.00	21.56 0.61 0.00	22.20 0.58 0.00	20.64 0.70 0.00	20.93 0.25 0.00	20.79 0.19 0.00	21.36 0.21 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.41 0.22 0.00	24.94 0.12 0.00	28.38 0.22 0.00	29.29 -0.03 0.00	29.61 0.09 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.90 0.81 0.00	21.57 0.57 0.00
V_D_10_SYNC_DSASP 323841	18.53 -0.47 0.00	17.37 -0.37 0.00	16.08 -0.06 0.00	15.53 -0.06 0.00	15.49 -0.05 0.00	16.77 -0.34 0.00	19.88 -0.32 0.00	20.62 -0.34 0.00	21.18 -0.43 0.00	19.58 -0.36 0.00	20.27 -0.41 0.00	20.17 -0.43 0.00	20.70 -0.45 0.00	21.07 -0.45 0.00	21.17 -0.50 0.00	21.63 -0.55 0.00	24.05 -0.77 0.00	27.31 -0.84 0.00	28.24 -1.08 0.00	28.49 -1.03 0.00	28.24 -0.78 0.00	25.13 -0.64 0.00	22.70 -0.39 0.00	20.58 -0.42 0.00
V_E_10_SYNC_DSASP 323830	20.48 1.48 0.00	19.07 1.33 0.00	17.32 1.18 0.00	16.73 1.14 0.00	16.67 1.13 0.00	18.62 1.51 0.00	22.11 1.90 0.00	22.91 1.95 0.00	23.43 1.82 0.00	21.62 1.68 0.00	22.32 1.63 0.00	22.27 1.67 0.00	22.80 1.65 0.00	23.09 1.57 0.00	23.21 1.54 0.00	23.81 1.62 -0.01	26.89 1.91 -0.17	30.78 2.25 -0.37	32.46 2.70 -0.45	32.85 2.86 -0.46	32.20 2.76 -0.42	28.53 2.53 -0.23	25.22 2.12 0.00	22.79 1.78 0.00
V_F_30_NSYNC__DSASP 323816	20.03 1.03 0.00	18.73 0.99 0.00	16.98 0.84 0.00	16.42 0.83 0.00	16.34 0.81 0.00	18.02 0.91 0.00	21.26 1.05 0.00	22.02 1.07 0.00	22.72 1.10 0.00	20.84 0.90 0.00	21.68 0.99 0.00	21.53 0.93 0.00	22.16 1.02 0.00	22.60 1.08 0.00	22.73 1.06 0.00	23.32 1.13 0.00	26.23 1.41 0.00	29.85 1.69 0.00	31.40 2.08 0.00	31.53 2.01 0.00	30.97 1.94 0.00	27.42 1.65 0.00	24.45 1.36 0.00	22.09 1.09 0.00
V_F_30_SYNC_DSASP 323786	19.53 0.53 0.00	18.48 0.75 0.00	16.84 0.69 0.00	16.23 0.64 0.00	16.14 0.61 0.00	17.65 0.53 0.00	20.81 0.61 0.00	21.50 0.54 0.00	22.18 0.56 0.00	20.34 0.40 0.00	21.14 0.46 0.00	21.10 0.49 0.00	21.68 0.53 0.00	22.11 0.58 0.00	22.23 0.56 0.00	22.78 0.60 0.00	25.51 0.69 0.00	29.09 0.93 0.00	30.52 1.20 0.00	30.70 1.18 0.00	30.07 1.04 0.00	26.60 0.82 0.00	23.76 0.67 0.00	21.46 0.46 0.00

V_XM10_SYNC_DSASP 323789	19.06 0.06 0.00	17.92 0.18 0.00	16.40 0.26 0.00	15.87 0.28 0.00	15.85 0.31 0.00	17.41 0.29 0.00	20.73 0.52 0.00	21.56 0.61 0.00	22.20 0.58 0.00	20.64 0.70 0.00	20.93 0.25 0.00	20.79 0.19 0.00	21.36 0.21 0.00	21.76 0.24 0.00	21.89 0.22 0.00	22.41 0.22 0.00	24.94 0.12 0.00	28.38 0.22 0.00	29.29 -0.03 0.00	29.61 0.09 0.00	29.92 0.90 0.00	26.49 0.72 0.00	23.90 0.81 0.00	21.57 0.57 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.99 0.99 0.00	18.61 0.87 0.00	16.87 0.73 0.00	16.23 0.64 0.00	16.16 0.62 0.00	17.82 0.70 0.00	21.14 0.93 0.00	22.07 1.11 0.00	22.89 1.28 0.00	21.02 1.08 0.00	21.93 1.24 0.00	21.99 1.38 0.00	22.61 1.46 0.00	23.07 1.55 0.00	23.27 1.60 0.00	23.83 1.64 0.00	26.88 2.06 0.00	30.47 2.31 0.00	31.84 2.52 0.00	31.97 2.45 0.00	31.20 2.18 0.00	27.53 1.75 0.00	24.39 1.29 0.00	22.01 1.01 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.12 1.12 0.00	18.71 0.98 0.00	16.94 0.79 0.00	16.31 0.72 0.00	16.22 0.68 0.00	17.92 0.80 0.00	21.30 1.09 0.00	22.28 1.32 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.15 1.47 0.00	22.25 1.65 0.00	22.86 1.71 0.00	23.35 1.83 0.00	23.58 1.91 0.00	24.12 1.93 0.00	27.18 2.36 0.00	30.80 2.65 0.00	32.17 2.84 0.00	32.27 2.75 0.00	31.43 2.41 0.00	27.73 1.96 0.00	24.55 1.45 0.00	22.16 1.16 0.00
W50THST__13_KV_LOAD 356117	20.20 1.20 0.00	18.79 1.05 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.28 0.75 0.00	17.99 0.87 0.00	21.40 1.19 0.00	22.38 1.43 0.00	23.26 1.64 0.00	21.36 1.42 0.00	22.28 1.59 0.00	22.38 1.77 0.00	22.99 1.84 0.00	23.48 1.96 0.00	23.71 2.04 0.00	24.25 2.06 0.00	27.35 2.53 0.00	30.97 2.82 0.00	32.34 3.02 0.00	32.42 2.89 0.00	31.58 2.55 0.00	27.83 2.06 0.00	24.64 1.55 0.00	22.24 1.24 0.00
WADING RIVER_IC_1 23522	25.18 1.65 -4.53	25.74 1.45 -6.55	25.13 1.00 -7.98	18.63 0.90 -2.13	18.61 0.90 -2.17	20.01 1.06 -1.83	21.71 1.41 -0.09	22.59 1.64 0.00	23.62 1.90 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.58 2.17 -6.89	32.16 2.23 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.91	48.10 3.29 -16.65	86.27 3.49 -53.46	41.59 3.45 -8.61	45.68 3.07 -13.58	38.33 2.58 -9.98	25.22 2.12 0.00	29.53 1.70 -6.83
WADING RIVER_IC_2 23547	25.18 1.65 -4.53	25.74 1.45 -6.55	25.13 1.00 -7.98	18.63 0.90 -2.13	18.61 0.90 -2.17	20.01 1.06 -1.83	21.71 1.41 -0.09	22.59 1.64 0.00	23.62 1.90 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.58 2.17 -6.89	32.16 2.23 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.91	48.10 3.29 -16.65	86.27 3.49 -53.46	41.59 3.45 -8.61	45.68 3.07 -13.58	38.33 2.58 -9.98	25.22 2.12 0.00	29.53 1.70 -6.83
WADING RIVER_IC_3 23601	25.18 1.65 -4.53	25.74 1.45 -6.55	25.13 1.00 -7.98	18.63 0.90 -2.13	18.61 0.90 -2.17	20.01 1.06 -1.83	21.71 1.41 -0.09	22.59 1.64 0.00	23.62 1.90 -0.11	21.73 1.68 -0.11	22.50 1.82 0.00	28.36 1.92 -5.84	28.22 2.14 -4.94	30.58 2.17 -6.89	32.16 2.23 -8.25	37.64 2.40 -13.06	43.66 2.93 -15.91	48.10 3.29 -16.65	86.27 3.49 -53.46	41.59 3.45 -8.61	45.68 3.07 -13.58	38.33 2.58 -9.98	25.22 2.12 0.00	29.53 1.70 -6.83
WALDENNY_12_KV_BK2 80841	19.15 0.15 0.00	17.65 -0.09 0.00	16.19 0.05 0.00	15.62 0.03 0.00	15.60 0.06 0.00	17.44 0.33 0.00	20.29 0.08 0.00	20.87 -0.08 0.00	21.55 -0.06 0.00	20.24 0.30 0.00	20.93 0.25 0.00	20.85 0.25 0.00	21.34 0.19 0.00	21.57 0.04 0.00	21.76 0.09 0.00	22.23 0.04 0.00	24.84 0.02 0.00	27.68 -0.48 0.00	29.03 -0.29 0.00	29.35 -0.18 0.00	28.53 -0.49 0.00	25.77 0.00 0.00	23.23 0.14 0.00	21.21 0.21 0.00
WALDEN__HYDRO 24148	19.89 0.89 0.00	18.52 0.78 0.00	16.81 0.66 0.00	16.17 0.58 0.00	16.11 0.57 0.00	17.75 0.63 0.00	21.03 0.83 0.00	21.92 0.96 0.00	22.74 1.12 0.00	20.86 0.92 0.00	21.74 1.05 0.00	21.78 1.17 0.00	22.40 1.25 0.00	22.86 1.33 0.00	23.06 1.39 0.00	23.58 1.40 0.00	26.63 1.81 0.00	30.18 2.03 0.00	31.58 2.26 0.00	31.74 2.21 0.00	31.00 1.97 0.00	27.37 1.60 0.00	24.27 1.18 0.00	21.93 0.92 0.00
WARRENSBURG____ 23737	20.25 1.25 0.00	18.93 1.19 0.00	17.13 0.98 0.00	16.58 0.98 0.00	16.48 0.95 0.00	18.23 1.11 0.00	21.52 1.31 0.00	22.26 1.30 0.00	22.98 1.36 0.00	21.04 1.10 0.00	21.90 1.22 0.00	21.74 1.13 0.00	22.39 1.25 0.00	22.82 1.29 0.00	22.95 1.28 0.00	23.56 1.38 0.00	26.51 1.69 0.00	30.07 1.92 0.00	31.69 2.37 0.00	31.65 2.13 0.00	31.29 2.27 0.00	27.65 1.88 0.00	24.78 1.68 0.00	22.37 1.36 0.00
WATERSIDE____6 8 9 23538	20.22 1.22 -0.01	18.75 1.01 0.00	16.98 0.84 0.00	16.34 0.75 0.00	16.25 0.71 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.26 1.30 0.00	23.15 1.53 0.00	21.26 1.32 0.00	22.17 1.49 0.00	22.29 1.69 0.00	22.90 1.76 0.00	23.40 1.87 0.00	23.65 1.97 -0.01	24.14 1.95 0.00	27.26 2.43 -0.01	30.90 2.73 -0.01	32.26 2.93 -0.01	32.36 2.83 0.00	31.52 2.50 0.00	27.73 1.96 0.00	24.57 1.48 0.00	22.22 1.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.27 0.27 0.00	17.99 0.25 0.00	16.37 0.23 0.00	15.78 0.19 0.00	15.72 0.19 0.00	17.36 0.24 0.00	20.51 0.30 0.00	21.27 0.31 0.00	21.92 0.30 0.00	20.20 0.26 0.00	20.97 0.29 0.00	20.89 0.29 0.00	21.46 0.32 0.00	21.83 0.30 0.00	21.97 0.30 0.00	22.52 0.33 0.00	25.19 0.37 0.00	28.61 0.45 0.00	29.88 0.56 0.00	30.06 0.53 0.00	29.49 0.46 0.00	26.18 0.41 0.00	23.44 0.35 0.00	21.30 0.29 0.00
WATSON__69_KV_BK 1 55734	22.47 1.96 -1.51	21.58 1.70 -2.14	20.23 1.45 -2.63	17.40 1.12 -0.69	17.33 1.09 -0.71	18.99 1.27 -0.61	21.93 1.70 -0.03	22.93 1.97 0.00	23.92 2.27 -0.03	21.97 1.99 -0.03	22.92 2.23 0.00	28.78 2.41 -5.76	28.52 2.52 -4.86	29.91 2.56 -5.82	32.49 2.64 -8.18	38.06 2.82 -13.06	41.46 3.42 -13.21	48.56 3.83 -16.57	62.75 4.02 -29.41	40.57 3.96 -7.09	46.13 3.60 -13.51	38.78 3.09 -9.91	25.63 2.54 0.00	25.42 2.06 -2.36
WDELAWARE__HYD 323627	19.59 0.59 0.00	18.16 0.43 0.00	16.45 0.31 0.00	15.87 0.28 0.00	15.80 0.26 0.00	17.48 0.36 0.00	20.67 0.47 0.00	21.52 0.57 0.00	22.31 0.69 0.00	20.50 0.56 0.00	21.37 0.68 0.00	21.26 0.66 0.00	21.97 0.82 0.00	22.41 0.88 0.00	22.62 0.95 0.00	23.16 0.98 0.00	26.16 1.34 0.00	29.65 1.49 0.00	31.05 1.73 0.00	31.24 1.71 0.00	30.50 1.48 0.00	26.96 1.19 0.00	23.88 0.79 0.00	21.57 0.57 0.00
WEST BABYLON__IC 23714	21.28 1.90 -0.38	19.91 1.67 -0.51	18.19 1.42 -0.62	16.84 1.09 -0.15	16.74 1.04 -0.16	18.49 1.22 -0.15	21.79 1.58 -0.01	22.80 1.84 0.00	23.78 2.16 -0.01	21.84 1.89 -0.01	22.79 2.11 0.00	28.65 2.31 -5.74	28.37 2.39 -4.83	29.43 2.48 -5.43	32.35 2.54 -8.15	37.91 2.66 -13.06	40.28 3.25 -12.21	48.37 3.66 -16.55	53.68 3.90 -20.46	39.89 3.84 -6.53	45.96 3.45 -13.49	38.59 2.94 -9.88	25.49 2.40 0.00	23.69 2.00 -0.69

WEST CANADA___HYD 24049	19.13 0.13 0.00	17.86 0.13 0.00	16.24 0.10 0.00	15.69 0.09 0.00	15.61 0.08 0.00	17.24 0.12 0.00	20.33 0.12 0.00	21.08 0.13 0.00	21.74 0.13 0.00	20.06 0.12 0.00	20.81 0.12 0.00	20.73 0.12 0.00	21.30 0.15 0.00	21.68 0.15 0.00	21.82 0.15 0.00	22.34 0.16 0.00	25.02 0.20 0.00	28.41 0.25 0.00	29.64 0.32 0.00	29.85 0.33 0.00	29.28 0.26 0.00	25.98 0.21 0.00	23.23 0.14 0.00	21.13 0.13 0.00
WESTERN_NY_WIND 24143	19.25 0.25 0.00	17.76 0.02 0.00	16.26 0.11 0.00	15.69 0.09 0.00	15.66 0.12 0.00	17.51 0.39 0.00	20.41 0.20 0.00	21.06 0.10 0.00	21.66 0.04 0.00	20.30 0.36 0.00	20.93 0.25 0.00	20.85 0.25 0.00	21.27 0.13 0.00	21.50 -0.02 0.00	21.70 0.02 0.00	22.23 0.04 0.00	24.84 0.02 0.00	27.79 -0.37 0.00	29.17 -0.15 0.00	29.49 -0.03 0.00	28.76 -0.26 0.00	26.00 0.23 0.00	23.42 0.32 0.00	21.27 0.27 0.00
WESTOVER___LESR 323668	19.30 0.30 0.00	17.95 0.21 0.00	16.35 0.21 0.00	15.76 0.17 0.00	15.72 0.19 0.00	17.43 0.31 0.00	20.55 0.34 0.00	21.29 0.34 0.00	21.94 0.32 0.00	20.32 0.38 0.00	21.06 0.37 0.00	21.02 0.41 0.00	21.55 0.40 0.00	21.89 0.37 0.00	22.04 0.37 0.00	22.57 0.38 -0.01	25.42 0.45 -0.16	28.93 0.42 -0.35	30.30 0.56 -0.43	30.55 0.59 -0.44	29.89 0.46 -0.40	26.48 0.49 -0.22	23.48 0.39 0.00	21.36 0.36 0.00
WETHRSFD_WT_PWR 323626	19.10 0.10 0.00	17.63 -0.11 0.00	16.14 0.00 0.00	15.58 -0.02 0.00	15.55 0.02 0.00	17.31 0.19 0.00	20.29 0.08 0.00	20.91 -0.04 0.00	21.66 0.04 0.00	20.18 0.24 0.00	20.85 0.16 0.00	20.83 0.23 0.00	21.30 0.15 0.00	21.52 0.00 0.00	21.69 0.02 0.00	22.21 0.02 0.00	24.84 0.02 0.00	27.82 -0.34 0.00	29.15 -0.17 0.00	29.46 -0.06 0.00	28.70 -0.32 0.00	25.85 0.08 0.00	23.23 0.14 0.00	21.19 0.19 0.00
WHAVSTOR_138KV_BK127 55557	19.91 0.91 0.00	18.54 0.80 0.00	16.81 0.66 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.06 0.85 0.00	21.98 1.03 0.00	22.82 1.21 0.00	20.94 1.00 0.00	21.84 1.16 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.75 1.94 0.00	30.35 2.20 0.00	31.70 2.38 0.00	31.83 2.30 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.29 1.20 0.00	21.93 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.91 0.91 0.00	18.54 0.80 0.00	16.81 0.66 0.00	16.18 0.59 0.00	16.11 0.57 0.00	17.77 0.65 0.00	21.06 0.85 0.00	21.98 1.03 0.00	22.82 1.21 0.00	20.94 1.00 0.00	21.84 1.16 0.00	21.90 1.30 0.00	22.52 1.37 0.00	22.99 1.46 0.00	23.19 1.52 0.00	23.74 1.55 0.00	26.75 1.94 0.00	30.35 2.20 0.00	31.70 2.38 0.00	31.83 2.30 0.00	31.05 2.03 0.00	27.42 1.65 0.00	24.29 1.20 0.00	21.93 0.92 0.00
WHITEHAL_115KV_TB1 80871	20.60 1.60 0.00	19.25 1.51 0.00	17.45 1.31 0.00	16.84 1.25 0.00	16.75 1.21 0.00	18.54 1.42 0.00	21.88 1.68 0.00	22.61 1.66 0.00	23.34 1.73 0.00	21.34 1.40 0.00	22.21 1.53 0.00	22.09 1.48 0.00	22.69 1.54 0.00	23.10 1.57 0.00	23.23 1.56 0.00	23.85 1.66 0.00	26.88 2.06 0.00	30.64 2.48 0.00	32.40 3.08 0.00	32.42 2.89 0.00	32.01 2.99 0.00	28.27 2.50 0.00	25.26 2.17 0.00	22.77 1.76 0.00
WHITEPLN_13_KV_LOAD 356215	20.20 1.20 0.00	18.80 1.06 0.00	17.05 0.90 0.00	16.40 0.81 0.00	16.31 0.78 0.00	18.01 0.89 0.00	21.38 1.17 0.00	22.38 1.43 0.00	23.21 1.60 0.00	21.32 1.38 0.00	22.24 1.55 0.00	22.29 1.69 0.00	22.92 1.78 0.00	23.42 1.89 0.00	23.64 1.97 0.00	24.20 2.02 0.00	27.30 2.48 0.00	30.95 2.79 0.00	32.34 3.02 0.00	32.42 2.89 0.00	31.63 2.61 0.00	27.86 2.09 0.00	24.66 1.57 0.00	22.26 1.26 0.00
WM_FLOYD_69_KV_BK2 356380	25.26 1.81 -4.46	25.77 1.60 -6.43	25.37 1.36 -7.87	18.73 1.04 -2.09	18.67 0.99 -2.14	20.09 1.16 -1.81	21.87 1.58 -0.09	22.76 1.80 0.00	23.82 2.10 -0.11	21.88 1.83 -0.11	22.73 2.05 0.00	28.65 2.20 -5.84	28.39 2.31 -4.93	30.73 2.35 -6.86	32.33 2.41 -8.25	37.82 2.57 -13.06	43.80 3.13 -15.85	48.32 3.52 -16.64	86.00 3.75 -52.93	41.79 3.69 -8.58	45.91 3.31 -13.58	38.59 2.83 -9.98	25.42 2.33 0.00	29.60 1.87 -6.73
WOODARD__115KV_TB2 355635	18.94 -0.06 0.00	17.63 -0.11 0.00	16.05 -0.10 0.00	15.48 -0.11 0.00	15.44 -0.09 0.00	17.08 -0.03 0.00	20.15 -0.06 0.00	20.85 -0.10 0.00	21.48 -0.13 0.00	19.90 -0.04 0.00	20.60 -0.08 0.00	20.48 -0.12 0.00	21.02 -0.13 0.00	21.33 -0.19 0.00	21.48 -0.20 0.00	22.00 -0.20 -0.02	24.90 -0.20 -0.28	28.54 -0.25 -0.64	29.88 -0.21 -0.76	30.16 -0.15 -0.79	29.51 -0.23 -0.72	26.00 -0.15 -0.39	22.95 -0.14 0.00	20.96 -0.04 0.00
YORK___WARBASSE 23770	20.32 1.31 -0.01	18.80 1.06 0.00	17.00 0.86 0.00	16.36 0.76 0.00	16.27 0.73 0.00	17.90 0.79 0.00	21.26 1.05 0.00	22.28 1.32 0.00	23.17 1.56 0.00	21.26 1.32 0.00	22.21 1.53 0.00	22.34 1.73 0.00	22.97 1.82 0.00	23.46 1.94 0.00	23.72 2.04 -0.01	24.25 2.06 0.00	27.41 2.58 -0.01	31.07 2.90 -0.01	32.47 3.14 -0.01	32.54 3.01 0.00	31.66 2.64 0.00	27.83 2.06 0.00	24.66 1.57 0.00	22.32 1.32 0.00