

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		03/14/2024																										
Name		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			
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		20.88	19.26	18.62	18.25	18.49	20.95	27.98	33.03	30.70	23.63	20.94	20.11	19.09	18.47	17.97	18.74	20.73	25.33	30.51	33.51	31.12	24.88	21.34	20.27			
24138		0.27	0.23	0.15	0.23	0.22	0.31	0.74	1.48	1.10	0.97	0.90	0.96	0.96	0.96	0.90	1.03	1.06	1.27	1.45	1.96	1.51	1.00	0.84	0.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1		20.90	19.28	18.64	18.30	18.51	20.97	27.98	33.03	30.70	23.64	20.94	20.11	19.07	18.47	17.97	18.74	20.73	25.33	30.54	33.51	31.15	25.00	21.38	20.29			
24260		0.29	0.25	0.17	0.29	0.24	0.33	0.74	1.48	1.10	0.97	0.90	0.96	0.94	0.96	0.90	1.03	1.06	1.27	1.48	1.96	1.54	1.12	0.88	0.80			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2		20.90	19.28	18.64	18.30	18.51	20.97	27.98	33.03	30.70	23.64	20.94	20.11	19.07	18.47	17.97	18.74	20.73	25.33	30.54	33.51	31.15	25.00	21.38	20.29			
24261		0.29	0.25	0.17	0.29	0.24	0.33	0.74	1.48	1.10	0.97	0.90	0.96	0.94	0.96	0.90	1.03	1.06	1.27	1.48	1.96	1.54	1.12	0.88	0.80			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS		21.21	19.55	18.97	18.52	18.77	21.31	28.41	33.19	30.87	23.36	20.66	19.73	18.58	17.91	17.44	18.09	20.22	24.85	30.31	33.16	31.04	24.93	21.32	20.10			
24011		0.60	0.51	0.50	0.50	0.49	0.66	1.17	1.64	1.27	0.70	0.62	0.57	0.45	0.40	0.38	0.37	0.55	0.79	1.25	1.61	1.42	1.05	0.82	0.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY		21.27	19.62	19.03	18.55	18.82	21.37	28.52	33.35	31.02	23.45	20.74	19.77	18.64	17.94	17.47	18.12	20.28	24.92	30.42	33.29	31.12	25.03	21.40	20.17			
23798		0.66	0.59	0.55	0.54	0.55	0.72	1.28	1.80	1.42	0.79	0.70	0.61	0.51	0.44	0.41	0.41	0.61	0.86	1.37	1.73	1.51	1.15	0.90	0.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS		21.21	19.55	18.97	18.52	18.77	21.31	28.41	33.19	30.87	23.36	20.66	19.73	18.58	17.91	17.44	18.09	20.22	24.85	30.31	33.16	31.04	24.93	21.32	20.10			
24028		0.60	0.51	0.50	0.50	0.49	0.66	1.17	1.64	1.27	0.70	0.62	0.57	0.45	0.40	0.38	0.37	0.55	0.79	1.25	1.61	1.42	1.05	0.82	0.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK_NYS___DAM		20.66	19.07	18.51	18.07	18.40	20.85	27.84	32.37	29.99	22.82	20.18	19.29	18.24	17.60	17.17	17.82	19.85	24.34	29.75	32.59	30.35	24.50	20.91	19.84			
23527		0.04	0.04	0.04	0.05	0.13	0.21	0.60	0.82	0.38	0.16	0.14	0.14	0.11	0.09	0.10	0.11	0.18	0.29	0.70	1.04	0.74	0.62	0.41	0.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP		20.90	19.30	18.71	18.30	18.55	21.00	27.87	32.50	30.19	23.05	20.38	19.52	18.44	17.80	17.36	18.04	20.06	24.56	29.81	32.63	30.44	24.55	21.01	19.94			
24190		0.29	0.27	0.24	0.29	0.27	0.35	0.63	0.95	0.59	0.39	0.34	0.36	0.31	0.30	0.29	0.32	0.39	0.51	0.76	1.07	0.83	0.67	0.51	0.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK		20.57	19.01	18.46	18.00	18.27	20.69	27.30	31.30	29.63	22.66	20.04	19.13	18.09	17.47	17.01	17.68	19.67	24.08	29.06	31.21	29.64	23.95	20.54	19.47			
355683		-0.04	-0.02	-0.02	-0.02	0.00	0.04	0.05	-0.25	0.03	0.00	0.00	-0.02	-0.04	-0.04	-0.05	-0.04	0.00	0.02	0.00	-0.35	0.03	0.07	0.04	-0.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR		21.13	19.53	18.95	18.50	18.75	21.22	28.14	32.75	30.46	23.18	20.50	19.57	18.49	17.84	17.39	18.07	20.14	24.68	29.96	32.75	30.62	24.67	21.16	20.08			
323833		0.52	0.49	0.48	0.49	0.47	0.58	0.90	1.20	0.86	0.52	0.46	0.42	0.36	0.33	0.32	0.35	0.47	0.62	0.90	1.20	1.01	0.79	0.66	0.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_2_SOLAR		21.13	19.53	18.95	18.48	18.75	21.22	28.14	32.75	30.46	23.18	20.48	19.56	18.49	17.84	17.39	18.07	20.14	24.65	29.96	32.75	30.62	24.67	21.16	20.08			
323834		0.52	0.49	0.48	0.47	0.47	0.58	0.90	1.20	0.86	0.52	0.44	0.40	0.36	0.33	0.32	0.35	0.47	0.60	0.90	1.20	1.01	0.79	0.66	0.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___1		20.90	19.30	18.71	18.30	18.55	21.00	27.87	32.50	30.19	23.05	20.38	19.52	18.44	17.80	17.36	18.04	20.06	24.56	29.81	32.63	30.44	24.55	21.01	19.94			
23571		0.29	0.27	0.24	0.29	0.27	0.35	0.63	0.95	0.59	0.39	0.34	0.36	0.31	0.30	0.29	0.32	0.39	0.51	0.76	1.07	0.83	0.67	0.51	0.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

ALBANY___2 23572	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.39 0.00	20.38 0.34 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.44 0.83 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
ALBANY___3 23573	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.39 0.00	20.38 0.34 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.44 0.83 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
ALBANY___4 23574	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.39 0.00	20.38 0.34 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.44 0.83 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
ALBANY___LFGE 323615	21.03 0.41 0.00	19.41 0.38 0.00	18.82 0.35 0.00	18.37 0.36 0.00	18.64 0.37 0.00	21.12 0.48 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.40 0.80 0.00	23.18 0.52 0.00	20.52 0.48 0.00	19.61 0.46 0.00	18.55 0.42 0.00	17.89 0.38 0.00	17.44 0.37 0.00	18.12 0.41 0.00	20.18 0.51 0.00	24.70 0.65 0.00	29.99 0.93 0.00	32.82 1.26 0.00	30.62 1.01 0.00	24.67 0.79 0.00	21.14 0.64 0.00	20.04 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	20.61 0.00 0.00	19.03 0.00 0.00	18.49 0.02 0.00	18.03 0.02 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.35 0.11 0.00	31.39 -0.16 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.15 0.00 0.00	18.13 0.00 0.00	17.49 -0.02 0.00	17.03 -0.03 0.00	17.68 -0.04 0.00	19.67 0.00 0.00	24.10 0.05 0.00	29.12 0.06 0.00	31.27 -0.28 0.00	29.67 0.06 0.00	24.00 0.12 0.00	20.58 0.08 0.00	19.49 0.00 0.00
ALCOA_RYNLDS___DRP 24188	20.61 0.00 0.00	19.03 0.00 0.00	18.49 0.02 0.00	18.03 0.02 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.35 0.11 0.00	31.39 -0.16 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.15 0.00 0.00	18.13 0.00 0.00	17.49 -0.02 0.00	17.03 -0.03 0.00	17.68 -0.04 0.00	19.67 0.00 0.00	24.10 0.05 0.00	29.12 0.06 0.00	31.27 -0.28 0.00	29.67 0.06 0.00	24.00 0.12 0.00	20.58 0.08 0.00	19.49 0.00 0.00
ALCOA___DSASP 323711	20.61 0.00 0.00	19.03 0.00 0.00	18.49 0.02 0.00	18.01 0.00 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.35 0.11 0.00	31.39 -0.16 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.15 0.00 0.00	18.13 0.00 0.00	17.49 -0.02 0.00	17.03 -0.03 0.00	17.68 -0.04 0.00	19.67 0.00 0.00	24.10 0.05 0.00	29.12 0.06 0.00	31.27 -0.28 0.00	29.67 0.06 0.00	23.98 0.10 0.00	20.58 0.08 0.00	19.47 -0.02 0.00
ALLEGHENY___COGEN 23514	21.67 1.05 0.00	20.06 1.03 0.00	19.55 1.07 0.00	18.93 0.92 0.00	19.19 0.91 0.00	21.95 1.30 0.00	28.41 1.17 0.00	32.91 1.36 0.00	30.43 0.83 0.00	23.16 0.50 0.00	20.28 0.24 0.00	19.21 0.06 0.00	18.17 0.04 0.00	17.54 0.04 0.00	17.19 0.12 0.00	17.75 0.04 0.00	19.69 0.02 0.00	24.39 0.34 0.00	29.23 0.18 0.00	32.28 0.73 0.00	29.91 0.30 0.00	24.17 0.29 0.00	20.85 0.35 0.00	19.96 0.47 0.00
ALTAMONT_115KV_TB 2 55880	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.68 0.44 0.00	32.28 0.73 0.00	30.05 0.44 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.37 0.24 0.00	17.73 0.23 0.00	17.29 0.22 0.00	17.96 0.25 0.00	19.97 0.30 0.00	24.44 0.38 0.00	29.64 0.58 0.00	32.41 0.85 0.00	30.27 0.65 0.00	24.38 0.50 0.00	20.89 0.39 0.00	19.82 0.33 0.00
ALTONA_WT_PWR 323606	21.19 0.58 0.00	19.55 0.51 0.00	19.03 0.55 0.00	18.54 0.52 0.00	18.82 0.55 0.00	21.35 0.70 0.00	27.82 0.57 0.00	31.96 0.41 0.00	30.16 0.56 0.00	23.09 0.43 0.00	20.40 0.36 0.00	19.46 0.31 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.25 0.19 0.00	17.96 0.25 0.00	20.04 0.37 0.00	24.58 0.53 0.00	29.67 0.61 0.00	31.87 0.32 0.00	30.24 0.62 0.00	24.69 0.81 0.00	21.16 0.66 0.00	19.98 0.49 0.00
AMERICAN_REF_FUEL 24010	19.98 -0.64 0.00	18.59 -0.44 0.00	18.16 -0.31 0.00	17.49 -0.52 0.00	17.54 -0.73 0.00	20.09 -0.56 0.00	25.26 -1.99 0.00	28.68 -2.87 0.00	27.17 -2.43 0.00	21.16 -1.50 0.00	18.74 -1.30 0.00	17.83 -1.32 0.00	16.84 -1.29 0.00	16.21 -1.30 0.00	15.82 -1.25 0.00	16.32 -1.40 0.00	18.08 -1.59 0.00	21.89 -2.16 0.00	25.69 -3.37 0.00	27.93 -3.63 0.00	25.74 -3.88 0.00	21.23 -2.65 0.00	18.47 -2.03 0.00	18.23 -1.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.15 0.54 0.00	19.66 0.63 0.00	19.21 0.74 0.00	18.52 0.50 0.00	18.62 0.35 0.00	21.43 0.78 0.00	27.11 -0.14 0.00	30.98 -0.57 0.00	29.19 -0.41 0.00	22.68 0.02 0.00	20.06 0.02 0.00	19.04 -0.11 0.00	17.95 -0.18 0.00	17.26 -0.25 0.00	16.81 -0.26 0.00	17.33 -0.39 0.00	19.22 -0.45 0.00	23.21 -0.84 0.00	27.20 -1.86 0.00	29.47 -2.08 0.00	26.89 -2.72 0.00	22.02 -1.86 0.00	19.17 -1.33 0.00	18.87 -0.62 0.00
ARTHUR KILL_GT_1 23520	21.03 0.41 0.00	19.34 0.30 0.00	18.70 0.22 0.00	18.32 0.31 0.00	18.55 0.27 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.53 0.98 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.78 0.74 0.00	19.99 0.84 0.00	18.98 0.85 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.73 1.01 0.00	20.65 0.98 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.12 1.58 0.01	31.21 1.60 0.00	24.93 1.05 0.00	21.40 0.90 0.00	20.41 0.92 0.00
ARTHUR_KILL_2 23512	20.96 0.35 0.00	19.30 0.27 0.00	18.64 0.17 0.00	18.27 0.25 0.00	18.49 0.22 0.00	20.85 0.21 0.00	27.84 0.60 0.00	32.43 0.88 0.00	30.43 0.83 0.00	23.43 0.77 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.38 0.87 0.00	17.87 0.80 0.00	18.67 0.96 0.00	20.61 0.94 0.00	25.25 1.20 0.00	30.45 1.39 0.00	33.03 1.48 0.01	31.09 1.48 0.00	24.86 0.98 0.00	21.34 0.84 0.00	20.35 0.86 0.00
ARTHUR_KILL_3 23513	20.66 0.04 0.00	19.07 0.04 0.00	18.46 -0.02 0.00	18.09 0.07 0.00	18.33 0.05 0.00	20.75 0.10 0.00	27.65 0.41 0.00	32.66 1.10 0.00	30.34 0.74 0.00	23.39 0.72 0.00	20.72 0.68 0.00	19.90 0.75 0.00	18.91 0.78 0.00	18.30 0.79 0.00	17.80 0.73 0.00	18.57 0.85 0.00	20.52 0.85 0.00	25.04 0.99 0.00	30.19 1.13 0.00	33.16 1.61 0.00	30.80 1.19 0.00	24.65 0.76 0.00	21.14 0.64 0.00	20.06 0.57 0.00

ARTHUR_KILL_COGEN 323718	21.03 0.41 0.00	19.34 0.30 0.00	18.70 0.22 0.00	18.32 0.31 0.00	18.55 0.27 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.53 0.98 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.78 0.74 0.00	19.99 0.84 0.00	18.98 0.85 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.73 1.01 0.00	20.65 0.98 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.12 1.58 0.01	31.21 1.60 0.00	24.93 1.05 0.00	21.40 0.90 0.00	20.41 0.92 0.00
ASHOKAN____ 23654	21.17 0.56 0.00	19.49 0.46 0.00	18.90 0.43 0.00	18.45 0.43 0.00	18.71 0.44 0.00	21.14 0.49 0.00	28.20 0.95 0.00	32.88 1.32 0.00	30.22 0.62 0.00	22.77 0.11 0.00	20.06 0.02 0.00	19.08 -0.08 0.00	18.02 -0.11 0.00	17.42 -0.09 0.00	16.96 -0.10 0.00	17.68 -0.04 0.00	19.79 0.12 0.00	24.32 0.27 0.00	29.64 0.58 0.00	32.69 1.13 0.00	30.56 0.95 0.00	24.67 0.79 0.00	21.18 0.68 0.00	20.12 0.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.55 1.01 0.01	30.30 0.71 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.89 0.75 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.89 0.82 0.00	18.69 0.97 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.18 1.13 0.01	33.09 1.55 0.01	30.79 1.19 0.01	24.62 0.74 0.01	21.11 0.61 0.01	20.21 0.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.55 1.01 0.01	30.30 0.71 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.89 0.75 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.89 0.82 0.00	18.69 0.97 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.18 1.13 0.01	33.09 1.55 0.01	30.79 1.19 0.01	24.62 0.74 0.01	21.11 0.61 0.01	20.21 0.72 0.00
ASTORIA_GT2_1 24094	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT2_2 24095	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT2_3 24096	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT2_4 24097	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT3_1 24098	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT3_2 24099	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT3_3 24100	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT3_4 24101	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT4_1 24102	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT4_2 24103	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT4_3 24104	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00

ASTORIA_GT4_4 24105	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.00	32.59 1.04 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.94 0.79 0.00	18.95 0.82 0.00	18.42 0.91 0.00	17.89 0.82 0.00	18.71 0.99 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.14 0.64 0.00	20.23 0.74 0.00
ASTORIA_GT_1 23523	20.86 0.25 0.00	19.18 0.15 0.00	18.53 0.06 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.77 0.12 0.00	27.67 0.43 0.01	32.65 1.10 0.01	30.36 0.77 0.01	23.42 0.77 0.01	20.75 0.72 0.01	19.95 0.80 0.01	18.96 0.83 0.01	18.45 0.94 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.57 0.91 0.01	25.13 1.08 0.01	30.27 1.22 0.01	33.15 1.61 0.01	30.85 1.24 0.01	24.66 0.79 0.01	21.15 0.66 0.01	20.25 0.76 0.00
ASTORIA_GT_10 24110	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
ASTORIA_GT_11 24225	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
ASTORIA_GT_12 24226	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
ASTORIA_GT_13 24227	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
ASTORIA_GT_5 24106	20.86 0.25 0.00	19.18 0.15 0.00	18.53 0.06 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.77 0.12 0.00	27.68 0.44 0.00	32.66 1.10 0.00	30.37 0.77 0.00	23.43 0.77 0.00	20.76 0.72 0.00	19.98 0.82 0.00	18.98 0.85 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.58 0.90 0.00	25.13 1.08 0.00	30.28 1.22 0.00	33.16 1.61 0.00	30.86 1.24 0.00	24.77 0.88 0.00	21.18 0.68 0.00	20.25 0.76 0.00
ASTORIA_GT_7 24107	20.86 0.25 0.00	19.18 0.15 0.00	18.53 0.06 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.77 0.12 0.00	27.68 0.44 0.00	32.66 1.10 0.00	30.37 0.77 0.00	23.43 0.77 0.00	20.76 0.72 0.00	19.98 0.82 0.00	18.98 0.85 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.58 0.90 0.00	25.13 1.08 0.00	30.28 1.22 0.00	33.16 1.61 0.00	30.86 1.24 0.00	24.77 0.88 0.00	21.18 0.68 0.00	20.25 0.76 0.00
ASTORIA_GT_8 24108	20.86 0.25 0.00	19.18 0.15 0.00	18.53 0.06 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.77 0.12 0.00	27.68 0.44 0.00	32.66 1.10 0.00	30.37 0.77 0.00	23.43 0.77 0.00	20.76 0.72 0.00	19.98 0.82 0.00	18.98 0.85 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.58 0.90 0.00	25.13 1.08 0.00	30.28 1.22 0.00	33.16 1.61 0.00	30.86 1.24 0.00	24.77 0.88 0.00	21.18 0.68 0.00	20.25 0.76 0.00
ASTORIA___2 24149	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.21 0.20 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.58 1.04 0.01	30.30 0.71 0.01	23.40 0.75 0.01	20.71 0.68 0.01	19.91 0.77 0.01	18.94 0.82 0.01	18.42 0.91 0.00	17.89 0.82 0.00	18.69 0.97 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.21 1.16 0.01	33.09 1.55 0.01	30.82 1.21 0.01	24.64 0.76 0.01	21.13 0.64 0.01	20.23 0.74 0.00
ASTORIA___3 23516	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.81 0.16 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	19.99 0.84 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.33 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.74 0.86 0.00	21.22 0.72 0.00	20.21 0.72 0.00
ASTORIA___4 23517	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
ASTORIA___5 23518	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.81 0.16 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	19.99 0.84 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.33 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.74 0.86 0.00	21.22 0.72 0.00	20.21 0.72 0.00
AST_ENERGY_2_CC3 323677	20.76 0.15 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.46 0.86 0.00	23.45 0.79 0.00	20.78 0.74 0.00	19.96 0.80 0.00	18.95 0.82 0.00	18.33 0.82 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.58 0.91 0.00	25.13 1.08 0.00	30.31 1.25 0.00	33.26 1.70 0.00	30.92 1.30 0.00	24.72 0.84 0.00	21.22 0.72 0.00	20.13 0.64 0.00
AST_ENERGY_2_CC4 323678	20.76 0.15 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.46 0.86 0.00	23.45 0.79 0.00	20.78 0.74 0.00	19.96 0.80 0.00	18.95 0.82 0.00	18.33 0.82 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.58 0.91 0.00	25.13 1.08 0.00	30.31 1.25 0.00	33.26 1.70 0.00	30.92 1.30 0.00	24.72 0.84 0.00	21.22 0.72 0.00	20.13 0.64 0.00

ATHENS_STG_1 23668	20.70 0.08 0.00	19.11 0.08 0.00	18.51 0.04 0.00	18.09 0.07 0.00	18.35 0.07 0.00	20.79 0.15 0.00	27.60 0.35 0.00	32.24 0.69 0.00	29.99 0.38 0.00	22.95 0.29 0.00	20.32 0.28 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.48 0.43 0.00	29.64 0.58 0.00	32.47 0.92 0.00	30.26 0.65 0.00	24.33 0.45 0.00	20.87 0.37 0.00	19.82 0.33 0.00
ATHENS_STG_2 23670	20.70 0.08 0.00	19.11 0.08 0.00	18.51 0.04 0.00	18.09 0.07 0.00	18.35 0.07 0.00	20.79 0.15 0.00	27.60 0.35 0.00	32.24 0.69 0.00	29.99 0.38 0.00	22.95 0.29 0.00	20.32 0.28 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.48 0.43 0.00	29.64 0.58 0.00	32.47 0.92 0.00	30.26 0.65 0.00	24.33 0.45 0.00	20.87 0.37 0.00	19.82 0.33 0.00
ATHENS_STG_3 23677	20.70 0.08 0.00	19.11 0.08 0.00	18.51 0.04 0.00	18.09 0.07 0.00	18.35 0.07 0.00	20.79 0.15 0.00	27.60 0.35 0.00	32.24 0.69 0.00	29.99 0.38 0.00	22.95 0.29 0.00	20.32 0.28 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.48 0.43 0.00	29.64 0.58 0.00	32.47 0.92 0.00	30.26 0.65 0.00	24.33 0.45 0.00	20.87 0.37 0.00	19.82 0.33 0.00
AUBURN___LFGE 323710	21.05 0.43 0.00	19.43 0.40 0.00	18.88 0.41 0.00	18.30 0.29 0.00	18.62 0.35 0.00	21.12 0.47 0.00	27.62 0.38 0.00	32.25 0.69 0.00	30.13 0.53 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.72 0.21 0.00	17.29 0.22 0.00	17.89 0.18 0.00	19.83 0.16 0.00	24.24 0.19 0.00	29.12 0.06 0.00	31.81 0.25 0.00	29.61 0.00 0.00	23.83 -0.05 0.00	20.56 0.06 0.00	19.63 0.14 0.00
BABYLON_RES_REC 323704	21.01 0.39 0.00	19.45 0.42 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.60 0.33 0.00	21.22 0.58 0.00	28.58 1.33 0.00	35.28 2.18 -1.56	31.05 1.45 0.00	23.86 1.20 0.00	21.14 1.10 0.00	20.17 1.01 0.00	19.02 0.89 0.00	18.42 0.91 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.23 1.34 -0.22	27.59 1.64 -1.91	32.68 2.00 -1.62	36.77 2.59 -2.63	33.21 2.07 -1.52	28.36 1.51 -2.98	21.96 1.27 -0.19	20.67 1.17 -0.01
BABYLON__69_KV_BK2 356345	21.15 0.54 0.00	19.64 0.61 0.00	18.88 0.41 0.00	18.52 0.50 0.00	18.75 0.48 0.00	21.41 0.76 0.00	28.82 1.58 0.00	35.62 2.52 -1.55	31.35 1.75 0.00	24.07 1.40 0.00	21.30 1.26 0.00	20.32 1.17 0.00	19.16 1.03 0.00	18.56 1.05 0.00	18.09 1.02 0.00	18.87 1.15 0.00	21.42 1.53 -0.21	27.83 1.88 -1.90	33.02 2.35 -1.61	37.14 2.97 -2.62	33.56 2.43 -1.51	28.71 1.86 -2.97	22.17 1.50 -0.18	20.88 1.38 0.00
BALL_HILL_WT_PWR 323825	20.82 0.21 0.00	19.34 0.30 0.00	18.90 0.43 0.00	18.23 0.22 0.00	18.33 0.05 0.00	21.06 0.41 0.00	26.62 -0.63 0.00	30.38 -1.17 0.00	28.65 -0.95 0.00	22.30 -0.36 0.00	19.72 -0.32 0.00	18.75 -0.40 0.00	17.69 -0.44 0.00	17.04 -0.47 0.00	16.59 -0.48 0.00	17.13 -0.58 0.00	19.02 -0.65 0.00	22.99 -1.06 0.00	27.05 -2.00 0.00	29.44 -2.11 0.00	27.01 -2.61 0.00	22.16 -1.72 0.00	19.29 -1.21 0.00	18.95 -0.55 0.00
BARON_WINDS___WT_PWR 323822	21.44 0.83 0.00	19.85 0.82 0.00	19.31 0.83 0.00	18.77 0.76 0.00	19.01 0.73 0.00	21.78 1.13 0.00	28.36 1.12 0.00	32.94 1.39 0.00	30.73 1.12 0.00	23.63 0.97 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.67 0.54 0.00	18.00 0.49 0.00	17.54 0.48 0.00	18.16 0.44 0.00	20.10 0.43 0.00	24.46 0.41 0.00	29.29 0.23 0.00	32.06 0.50 0.00	29.61 0.00 0.00	23.95 0.07 0.00	20.71 0.20 0.00	19.79 0.29 0.00
BARRETT_IC_1 23704	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_10 23701	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_11 23702	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_12 23703	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_2 23705	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_3 23706	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_4 23707	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02

BARRETT_IC_5 23708	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_6 23709	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_7 23710	20.94 0.33 0.00	19.39 0.36 0.00	18.70 0.22 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.12 0.47 0.00	28.33 1.09 0.00	34.77 1.67 -1.55	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.08 1.20 -0.21	27.32 1.37 -1.90	32.20 1.54 -1.61	36.25 2.08 -2.61	32.73 1.60 -1.51	28.16 1.31 -2.97	21.78 1.11 -0.18	20.51 1.01 0.00
BARRETT_IC_8 23711	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT_IC_9 23700	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT___1 23545	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BARRETT___2 23546	20.94 0.33 0.00	19.37 0.34 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.34 1.09 0.00	34.78 1.67 -1.56	30.82 1.21 0.00	23.75 1.09 0.00	21.02 0.98 0.00	20.09 0.94 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.90 0.84 0.00	18.66 0.94 0.00	21.10 1.20 -0.23	27.33 1.37 -1.91	32.21 1.54 -1.61	36.26 2.08 -2.62	32.73 1.60 -1.52	28.08 1.22 -2.98	21.78 1.09 -0.19	20.52 1.01 -0.02
BATAVIA__115KV_TB1 55881	20.68 0.06 0.00	19.22 0.19 0.00	18.75 0.28 0.00	17.89 -0.13 0.00	18.24 -0.04 0.00	20.83 0.19 0.00	26.43 -0.82 0.00	30.42 -1.14 0.00	28.65 -0.95 0.00	22.16 -0.50 0.00	19.56 -0.48 0.00	18.48 -0.67 0.00	17.48 -0.65 0.00	16.84 -0.67 0.00	16.43 -0.63 0.00	16.95 -0.76 0.00	18.81 -0.87 0.00	22.92 -1.13 0.00	27.02 -2.03 0.00	29.47 -2.08 0.00	27.13 -2.49 0.00	21.95 -1.93 0.00	19.25 -1.25 0.00	18.95 -0.55 0.00
BAYONEEC___CTG1 323682	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG10 323750	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG2 323683	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG3 323684	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG4 323685	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG5 323686	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG6 323687	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00

BAYONEEC___CTG7 323688	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG8 323689	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BAYONEEC___CTG9 323749	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.49 0.89 0.00	23.48 0.81 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.29 1.73 0.00	30.95 1.33 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.16 0.66 0.00
BEACON___LESR 323632	21.17 0.56 0.00	19.55 0.51 0.00	18.95 0.48 0.00	18.48 0.47 0.00	18.75 0.47 0.00	21.29 0.64 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.73 0.57 0.00	18.64 0.51 0.00	17.98 0.47 0.00	17.51 0.44 0.00	18.21 0.50 0.00	20.30 0.63 0.00	24.84 0.79 0.00	30.19 1.13 0.00	33.04 1.48 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.26 0.76 0.00	20.13 0.64 0.00
BEAVER RIVER___HYD 24048	20.37 -0.25 0.00	18.77 -0.27 0.00	18.22 -0.26 0.00	17.76 -0.25 0.00	18.02 -0.26 0.00	20.44 -0.21 0.00	27.11 -0.14 0.00	31.55 0.00 0.00	29.31 -0.30 0.00	22.28 -0.39 0.00	19.64 -0.40 0.00	18.71 -0.44 0.00	17.64 -0.49 0.00	17.00 -0.51 0.00	16.52 -0.55 0.00	17.15 -0.57 0.00	19.08 -0.59 0.00	23.59 -0.46 0.00	28.65 -0.41 0.00	31.37 -0.19 0.00	29.17 -0.44 0.00	23.38 -0.50 0.00	19.97 -0.53 0.00	19.02 -0.47 0.00
BEEBEE_GT_13 23619	20.53 -0.08 0.00	19.01 -0.02 0.00	18.53 0.06 0.00	17.78 -0.23 0.00	18.11 -0.16 0.00	20.58 -0.06 0.00	26.45 -0.79 0.00	30.54 -1.01 0.00	28.71 -0.89 0.00	22.19 -0.48 0.00	19.60 -0.44 0.00	18.64 -0.52 0.00	17.64 -0.49 0.00	17.00 -0.51 0.00	16.59 -0.48 0.00	17.15 -0.57 0.00	19.00 -0.67 0.00	23.19 -0.87 0.00	27.55 -1.51 0.00	30.04 -1.51 0.00	27.81 -1.81 0.00	22.45 -1.43 0.00	19.56 -0.94 0.00	18.99 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.97 0.35 0.00	19.30 0.27 0.00	18.64 0.17 0.00	18.32 0.31 0.00	18.51 0.24 0.00	20.91 0.27 0.00	27.95 0.71 0.00	32.91 1.36 0.00	30.73 1.12 0.00	23.66 1.00 0.00	20.94 0.90 0.00	20.15 1.00 0.00	19.13 1.00 0.00	18.54 1.03 0.00	18.02 0.96 0.00	18.83 1.12 0.00	20.77 1.10 0.00	25.42 1.37 0.00	30.66 1.60 0.00	33.51 1.96 0.00	31.27 1.66 0.00	25.05 1.17 0.00	21.42 0.92 0.00	20.37 0.88 0.00
BETHLEHEM___GRP 23843	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.39 0.00	20.38 0.34 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.44 0.83 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
BETHLEHEM___GS1 323560	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.27 0.25 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.38 0.00	20.38 0.34 0.00	19.50 0.35 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.75 0.00	32.59 1.04 0.00	30.41 0.80 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.94 0.45 0.00
BETHLEHEM___GS2 323561	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.27 0.25 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.38 0.00	20.38 0.34 0.00	19.50 0.35 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.75 0.00	32.59 1.04 0.00	30.41 0.80 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.94 0.45 0.00
BETHLEHEM___GS3 323562	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.27 0.25 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.05 0.38 0.00	20.38 0.34 0.00	19.50 0.35 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.75 0.00	32.59 1.04 0.00	30.41 0.80 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.94 0.45 0.00
BETHLEHEM___STEEL 23779	20.74 0.12 0.00	19.26 0.23 0.00	18.81 0.33 0.00	17.92 -0.09 0.00	18.24 -0.04 0.00	20.93 0.29 0.00	26.40 -0.84 0.00	30.10 -1.45 0.00	28.42 -1.18 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.58 -0.57 0.00	17.57 -0.56 0.00	16.91 -0.60 0.00	16.50 -0.56 0.00	17.03 -0.69 0.00	18.88 -0.79 0.00	22.85 -1.20 0.00	26.88 -2.18 0.00	29.22 -2.34 0.00	26.74 -2.87 0.00	21.76 -2.13 0.00	19.13 -1.37 0.00	18.91 -0.58 0.00
BETHLHEM_115KV_TB1 79974	20.90 0.29 0.00	19.32 0.29 0.00	18.73 0.26 0.00	18.32 0.31 0.00	18.55 0.27 0.00	21.02 0.37 0.00	27.90 0.65 0.00	32.53 0.98 0.00	30.22 0.62 0.00	23.05 0.39 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.08 0.41 0.00	24.56 0.51 0.00	29.84 0.78 0.00	32.66 1.10 0.00	30.47 0.86 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.94 0.45 0.00
BETHPAGE_CC_5 323564	20.96 0.35 0.00	19.41 0.38 0.00	18.71 0.24 0.00	18.32 0.31 0.00	18.58 0.31 0.00	21.16 0.52 0.00	28.47 1.23 0.00	35.16 2.05 -1.56	30.99 1.39 0.00	23.84 1.18 0.00	21.16 1.12 0.00	20.19 1.03 0.00	19.07 0.94 0.00	18.47 0.96 0.00	17.99 0.92 0.00	18.76 1.05 0.00	21.23 1.34 -0.22	27.54 1.59 -1.91	32.59 1.92 -1.62	36.64 2.46 -2.63	33.12 1.98 -1.52	28.29 1.43 -2.98	21.90 1.21 -0.19	20.61 1.11 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.80 0.19 0.00	19.34 0.30 0.00	18.88 0.41 0.00	18.00 -0.02 0.00	18.31 0.04 0.00	21.04 0.39 0.00	26.53 -0.71 0.00	30.26 -1.29 0.00	28.57 -1.04 0.00	22.25 -0.41 0.00	19.68 -0.36 0.00	18.67 -0.48 0.00	17.66 -0.47 0.00	17.00 -0.51 0.00	16.55 -0.51 0.00	17.10 -0.62 0.00	18.98 -0.69 0.00	22.97 -1.08 0.00	27.02 -2.03 0.00	29.35 -2.21 0.00	26.86 -2.75 0.00	21.85 -2.03 0.00	19.19 -1.31 0.00	18.97 -0.53 0.00

BINGHAMTON___COGEN 23790	21.01 0.39 0.00	19.39 0.36 0.00	18.84 0.37 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.12 0.47 0.00	27.62 0.38 0.00	32.15 0.60 0.00	29.99 0.38 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.35 0.22 0.00	17.70 0.19 0.00	17.25 0.19 0.00	17.88 0.16 0.00	19.83 0.16 0.00	24.17 0.12 0.00	29.06 0.00 0.00	31.78 0.22 0.00	29.50 -0.12 0.00	23.81 -0.07 0.00	20.54 0.04 0.00	19.65 0.16 0.00
BIXINCNT_115KV_LOAD 355685	20.97 0.35 0.00	19.49 0.46 0.00	19.10 0.63 0.00	18.27 0.25 0.00	18.57 0.29 0.00	21.39 0.74 0.00	27.08 -0.16 0.00	30.98 -0.57 0.00	29.16 -0.44 0.00	22.73 0.07 0.00	20.06 0.02 0.00	19.02 -0.13 0.00	17.95 -0.18 0.00	17.26 -0.25 0.00	16.76 -0.31 0.00	17.33 -0.39 0.00	19.30 -0.37 0.00	23.28 -0.77 0.00	27.55 -1.51 0.00	29.79 -1.77 0.00	27.04 -2.58 0.00	21.71 -2.17 0.00	19.09 -1.41 0.00	18.97 -0.53 0.00
BLACK RIVER___HYD 24047	20.41 -0.21 0.00	18.78 -0.25 0.00	18.23 -0.24 0.00	17.78 -0.23 0.00	18.02 -0.26 0.00	20.42 -0.23 0.00	27.05 -0.19 0.00	31.52 -0.03 0.00	29.13 -0.47 0.00	22.14 -0.52 0.00	19.52 -0.52 0.00	18.60 -0.56 0.00	17.51 -0.62 0.00	16.86 -0.65 0.00	16.38 -0.68 0.00	16.99 -0.73 0.00	18.92 -0.75 0.00	23.47 -0.58 0.00	28.56 -0.49 0.00	31.40 -0.16 0.00	29.23 -0.39 0.00	23.43 -0.45 0.00	20.01 -0.49 0.00	19.06 -0.43 0.00
BLACKRVR_115KV_TB2 79977	20.41 -0.21 0.00	18.78 -0.25 0.00	18.23 -0.24 0.00	17.76 -0.25 0.00	18.02 -0.26 0.00	20.42 -0.23 0.00	27.05 -0.19 0.00	31.52 -0.03 0.00	29.13 -0.47 0.00	22.14 -0.52 0.00	19.52 -0.52 0.00	18.60 -0.56 0.00	17.51 -0.62 0.00	16.86 -0.65 0.00	16.38 -0.68 0.00	16.99 -0.73 0.00	18.92 -0.75 0.00	23.47 -0.58 0.00	28.56 -0.49 0.00	31.40 -0.16 0.00	29.23 -0.38 0.00	23.40 -0.48 0.00	20.01 -0.49 0.00	19.06 -0.43 0.00
BLISS_WT_PWR 323608	20.92 0.31 0.00	19.45 0.42 0.00	19.08 0.61 0.00	18.45 0.43 0.00	18.55 0.27 0.00	21.39 0.74 0.00	27.08 -0.16 0.00	30.98 -0.57 0.00	29.19 -0.41 0.00	22.71 0.05 0.00	20.06 0.02 0.00	19.06 -0.10 0.00	17.95 -0.18 0.00	17.24 -0.26 0.00	16.72 -0.34 0.00	17.29 -0.43 0.00	19.28 -0.39 0.00	23.26 -0.79 0.00	27.55 -1.51 0.00	29.72 -1.83 0.00	27.04 -2.58 0.00	21.73 -2.15 0.00	19.02 -1.48 0.00	18.87 -0.62 0.00
BLUESTONE___WT_PWR 323821	22.00 1.38 0.00	20.29 1.26 0.00	19.69 1.22 0.00	19.18 1.17 0.00	19.43 1.15 0.00	22.15 1.51 0.00	29.29 2.04 0.00	34.36 2.81 0.00	31.88 2.28 0.00	24.25 1.59 0.00	21.22 1.18 0.00	20.24 1.09 0.00	19.05 0.92 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.53 0.82 0.00	20.63 0.96 0.00	25.42 1.37 0.00	30.71 1.66 0.00	33.80 2.24 0.00	31.36 1.75 0.00	25.24 1.36 0.00	21.69 1.19 0.00	20.70 1.21 0.00
BLUE_CIRC_CHEM_DRP 24182	20.99 0.37 0.00	19.39 0.36 0.00	18.83 0.35 0.00	18.39 0.38 0.00	18.62 0.35 0.00	21.08 0.43 0.00	27.95 0.71 0.00	32.53 0.98 0.00	30.25 0.65 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.50 0.34 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.02 0.30 0.00	20.04 0.37 0.00	24.53 0.48 0.00	29.78 0.73 0.00	32.56 1.01 0.00	30.41 0.80 0.00	24.53 0.64 0.00	21.01 0.51 0.00	19.94 0.45 0.00
BOC_GAS_DRP 24189	20.74 0.12 0.00	19.15 0.11 0.00	18.57 0.09 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.83 0.19 0.00	27.60 0.35 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.89 0.23 0.00	20.26 0.22 0.00	19.38 0.23 0.00	18.35 0.22 0.00	17.72 0.21 0.00	17.27 0.20 0.00	17.95 0.23 0.00	19.95 0.28 0.00	24.39 0.34 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.18 0.56 0.00	24.31 0.43 0.00	20.83 0.33 0.00	19.78 0.29 0.00
BOONVILLE_115KV_TB1 79983	20.97 0.35 0.00	19.32 0.29 0.00	18.75 0.28 0.00	18.27 0.25 0.00	18.55 0.27 0.00	21.02 0.37 0.00	27.84 0.60 0.00	32.53 0.98 0.00	30.31 0.71 0.00	23.05 0.39 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.27 0.15 0.00	17.63 0.12 0.00	17.15 0.09 0.00	17.81 0.09 0.00	19.79 0.12 0.00	24.36 0.31 0.00	29.52 0.46 0.00	32.28 0.73 0.00	30.06 0.44 0.00	24.14 0.26 0.00	20.66 0.16 0.00	19.69 0.19 0.00
BORALEX_4TH_BRANCH 23824	20.66 0.04 0.00	19.07 0.04 0.00	18.51 0.04 0.00	18.12 0.11 0.00	18.40 0.13 0.00	20.85 0.21 0.00	27.84 0.60 0.00	32.40 0.85 0.00	29.99 0.38 0.00	22.82 0.16 0.00	20.18 0.14 0.00	19.31 0.15 0.00	18.24 0.11 0.00	17.59 0.09 0.00	17.17 0.10 0.00	17.82 0.11 0.00	19.85 0.18 0.00	24.34 0.29 0.00	29.75 0.70 0.00	32.63 1.07 0.00	30.41 0.80 0.00	24.55 0.67 0.00	20.93 0.43 0.00	19.84 0.35 0.00
BOWLINE___1 23526	20.76 0.15 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.69 1.13 0.00	30.34 0.74 0.00	23.32 0.66 0.00	20.64 0.60 0.00	19.77 0.61 0.00	18.75 0.62 0.00	18.12 0.61 0.00	17.65 0.58 0.00	18.39 0.67 0.00	20.40 0.73 0.00	24.89 0.84 0.00	30.07 1.02 0.00	33.04 1.48 0.00	30.71 1.10 0.00	24.62 0.74 0.00	21.14 0.64 0.00	20.06 0.57 0.00
BOWLINE___2 23595	20.76 0.15 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.69 1.13 0.00	30.34 0.74 0.00	23.32 0.66 0.00	20.64 0.60 0.00	19.77 0.61 0.00	18.75 0.62 0.00	18.12 0.61 0.00	17.66 0.60 0.00	18.39 0.67 0.00	20.40 0.73 0.00	24.89 0.84 0.00	30.07 1.02 0.00	33.04 1.48 0.00	30.71 1.10 0.00	24.62 0.74 0.00	21.14 0.64 0.00	20.06 0.57 0.00
BRADY___115KV_TB2 356060	20.59 -0.02 0.00	19.01 -0.02 0.00	18.46 -0.02 0.00	18.01 0.00 0.00	18.29 0.02 0.00	20.75 0.10 0.00	27.43 0.19 0.00	31.52 -0.03 0.00	29.75 0.15 0.00	22.68 0.02 0.00	20.06 0.02 0.00	19.13 -0.02 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	16.98 -0.09 0.00	17.61 -0.11 0.00	19.61 -0.06 0.00	24.08 0.02 0.00	29.14 0.09 0.00	31.33 -0.22 0.00	29.76 0.15 0.00	24.03 0.14 0.00	20.58 0.08 0.00	19.47 -0.02 0.00
BRANSCOMB___SOLAR 323811	21.05 0.43 0.00	19.43 0.40 0.00	18.84 0.37 0.00	18.39 0.38 0.00	18.66 0.38 0.00	21.16 0.52 0.00	28.17 0.93 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.14 0.48 0.00	20.46 0.42 0.00	19.54 0.38 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.00 0.28 0.00	20.08 0.41 0.00	24.65 0.60 0.00	30.07 1.02 0.00	32.91 1.36 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.16 0.66 0.00	20.04 0.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.05 0.43 0.00	19.55 0.51 0.00	18.79 0.31 0.00	18.45 0.43 0.00	18.68 0.40 0.00	21.31 0.66 0.00	28.71 1.47 0.00	35.47 2.37 -1.55	31.20 1.60 0.00	23.95 1.29 0.00	21.22 1.18 0.00	20.24 1.09 0.00	19.09 0.96 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.78 1.06 0.00	21.30 1.42 -0.21	27.70 1.76 -1.90	32.85 2.18 -1.61	36.95 2.78 -2.62	33.38 2.25 -1.51	28.57 1.72 -2.97	22.05 1.37 -0.18	20.76 1.27 0.00

BRISTLHL_115KV_TB1 79998	20.45 -0.16 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.82 -0.20 0.00	18.11 -0.16 0.00	20.36 -0.29 0.00	26.70 -0.54 0.00	31.05 -0.50 0.00	29.01 -0.59 0.00	22.25 -0.41 0.00	19.64 -0.40 0.00	18.77 -0.38 0.00	17.79 -0.34 0.00	17.17 -0.33 0.00	16.76 -0.31 0.00	17.33 -0.39 0.00	19.20 -0.47 0.00	23.47 -0.58 0.00	28.30 -0.76 0.00	30.89 -0.66 0.00	28.78 -0.83 0.00	23.19 -0.69 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
BROOKHAVEN___DRP 24191	20.84 0.23 0.00	19.39 0.36 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.51 0.24 0.00	21.20 0.56 0.00	28.58 1.33 0.00	35.34 2.24 -1.55	30.93 1.33 0.00	23.70 1.04 0.00	21.02 0.98 0.00	20.05 0.90 0.00	18.89 0.76 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.60 0.89 0.00	21.12 1.24 -0.21	27.58 1.64 -1.90	32.82 2.15 -1.61	36.89 2.71 -2.62	33.23 2.10 -1.51	28.43 1.58 -2.97	21.91 1.23 -0.18	20.70 1.21 0.00
BROOKLYN_NAVY_YARD 23515	20.76 0.15 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.82 0.57 0.00	32.85 1.29 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.82 0.78 0.00	19.99 0.84 0.00	18.98 0.85 0.00	18.38 0.87 0.00	17.89 0.82 0.00	18.66 0.94 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.35 1.80 0.00	31.01 1.39 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00
BROOKLYN___ARMY_DRP 323595	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
BROOKVLE_69_KV_TB1 55790	21.11 0.49 0.00	19.55 0.51 0.00	18.83 0.35 0.00	18.46 0.45 0.00	18.68 0.40 0.00	21.26 0.62 0.00	28.58 1.33 0.00	35.31 2.21 -1.55	31.20 1.60 0.00	24.00 1.34 0.00	21.26 1.22 0.00	20.30 1.15 0.00	19.18 1.05 0.00	18.56 1.05 0.00	18.07 1.01 0.00	18.85 1.13 0.00	21.32 1.44 -0.21	27.66 1.71 -1.90	32.67 2.00 -1.61	36.60 2.43 -2.61	33.23 2.10 -1.51	28.47 1.62 -2.97	22.01 1.33 -0.18	20.68 1.19 0.00
BROOME_2_LFGE 323671	21.01 0.39 0.00	19.39 0.36 0.00	18.84 0.37 0.00	18.34 0.32 0.00	18.57 0.29 0.00	21.12 0.48 0.00	27.62 0.38 0.00	32.15 0.60 0.00	30.02 0.41 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.70 0.19 0.00	17.25 0.19 0.00	17.88 0.16 0.00	19.83 0.16 0.00	24.17 0.12 0.00	29.06 0.00 0.00	31.78 0.22 0.00	29.53 0.00 0.00	23.86 -0.02 0.00	20.56 0.06 0.00	19.65 0.16 0.00
BROOME___LFGE 323600	21.01 0.39 0.00	19.39 0.36 0.00	18.84 0.37 0.00	18.34 0.32 0.00	18.57 0.29 0.00	21.12 0.48 0.00	27.62 0.38 0.00	32.15 0.60 0.00	30.02 0.41 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.70 0.19 0.00	17.25 0.19 0.00	17.88 0.16 0.00	19.83 0.16 0.00	24.17 0.12 0.00	29.06 0.00 0.00	31.78 0.22 0.00	29.53 -0.09 0.00	23.86 -0.02 0.00	20.56 0.06 0.00	19.65 0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.81 -0.80 0.00	23.17 -0.72 0.00	19.80 -0.70 0.00	18.79 -0.70 0.00
BROWNSV1_27_KV_LOAD 356125	20.97 0.35 0.00	19.34 0.30 0.00	18.70 0.22 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.02 0.37 0.00	28.06 0.82 0.00	33.16 1.61 0.00	30.82 1.21 0.00	23.73 1.07 0.00	21.00 0.96 0.00	20.19 1.03 0.00	19.15 1.02 0.00	18.54 1.03 0.00	18.04 0.97 0.00	18.82 1.10 0.00	20.79 1.12 0.00	25.40 1.35 0.00	30.66 1.60 0.00	33.64 2.08 0.00	31.27 1.66 0.00	25.08 1.19 0.00	21.44 0.94 0.00	20.35 0.86 0.00
BURROWS___LYONSDAL 23803	20.84 0.23 0.00	19.22 0.19 0.00	18.64 0.17 0.00	18.18 0.16 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.71 0.46 0.00	32.34 0.79 0.00	30.10 0.50 0.00	22.89 0.23 0.00	20.18 0.14 0.00	19.25 0.10 0.00	18.15 0.02 0.00	17.51 0.00 0.00	17.03 -0.03 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.20 0.14 0.00	29.35 0.29 0.00	32.12 0.57 0.00	29.85 0.24 0.00	23.95 0.07 0.00	20.48 -0.02 0.00	19.53 0.04 0.00
CAITHNESS_CC_1 323624	20.84 0.23 0.00	19.36 0.32 0.00	18.62 0.15 0.00	18.23 0.22 0.00	18.51 0.24 0.00	21.18 0.54 0.00	28.58 1.33 0.00	35.28 2.18 -1.56	30.90 1.30 0.00	23.70 1.04 0.00	21.02 0.98 0.00	20.05 0.90 0.00	18.89 0.76 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.60 0.89 0.00	21.13 1.24 -0.22	27.57 1.61 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.18 2.04 -1.52	28.32 1.46 -2.98	21.90 1.21 -0.19	20.69 1.19 -0.01
CALPINE BETH_PAGE_GT4 24209	20.94 0.33 0.00	19.39 0.36 0.00	18.68 0.20 0.00	18.32 0.31 0.00	18.55 0.27 0.00	21.12 0.47 0.00	28.41 1.17 0.00	35.06 1.96 -1.55	30.93 1.33 0.00	23.82 1.16 0.00	21.16 1.12 0.00	20.21 1.05 0.00	19.09 0.96 0.00	18.47 0.96 0.00	18.00 0.94 0.00	18.76 1.05 0.00	21.24 1.36 -0.21	27.51 1.56 -1.90	32.50 1.83 -1.61	36.54 2.37 -2.62	33.05 1.92 -1.51	28.33 1.48 -2.97	21.87 1.19 -0.18	20.55 1.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.94 0.33 0.00	19.37 0.34 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.42 1.17 0.00	35.06 1.96 -1.56	30.93 1.33 0.00	23.82 1.16 0.00	21.16 1.12 0.00	20.21 1.05 0.00	19.07 0.94 0.00	18.47 0.96 0.00	18.00 0.94 0.00	18.76 1.05 0.00	21.25 1.36 -0.22	27.52 1.56 -1.91	32.51 1.83 -1.62	36.55 2.37 -2.62	33.06 1.92 -1.52	28.24 1.38 -2.98	21.85 1.17 -0.19	20.57 1.07 -0.01
CALPINE_BP_GT1 23823	20.94 0.33 0.00	19.37 0.34 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.12 0.48 0.00	28.42 1.17 0.00	35.06 1.96 -1.56	30.93 1.33 0.00	23.82 1.16 0.00	21.16 1.12 0.00	20.21 1.05 0.00	19.07 0.94 0.00	18.47 0.96 0.00	18.00 0.94 0.00	18.76 1.05 0.00	21.25 1.36 -0.22	27.52 1.56 -1.91	32.51 1.83 -1.62	36.55 2.37 -2.62	33.06 1.92 -1.52	28.24 1.38 -2.98	21.85 1.17 -0.19	20.57 1.07 -0.01
CALSPAN___DRP 24200	20.74 0.12 0.00	19.26 0.23 0.00	18.81 0.33 0.00	17.92 -0.09 0.00	18.24 -0.04 0.00	20.93 0.29 0.00	26.40 -0.84 0.00	30.10 -1.45 0.00	28.42 -1.18 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.58 -0.57 0.00	17.57 -0.56 0.00	16.91 -0.60 0.00	16.50 -0.56 0.00	17.03 -0.69 0.00	18.88 -0.79 0.00	22.85 -1.20 0.00	26.88 -2.18 0.00	29.22 -2.34 0.00	26.74 -2.87 0.00	21.76 -2.13 0.00	19.13 -1.37 0.00	18.91 -0.58 0.00

CALVERTON___SOLAR 323806	20.86 0.25 0.00	19.39 0.36 0.00	18.66 0.18 0.00	18.25 0.23 0.00	18.53 0.26 0.00	21.24 0.60 0.00	28.74 1.50 0.00	35.47 2.37 -1.56	30.96 1.36 0.00	23.75 1.09 0.00	21.04 1.00 0.00	20.05 0.90 0.00	18.89 0.76 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.60 0.89 0.00	21.15 1.26 -0.22	27.64 1.68 -1.91	32.92 2.24 -1.62	36.99 2.81 -2.63	33.30 2.16 -1.52	28.43 1.58 -2.98	21.96 1.27 -0.19	20.79 1.29 -0.01
CANDIGU_WT_PWR 323617	21.44 0.83 0.00	19.85 0.82 0.00	19.31 0.83 0.00	18.77 0.76 0.00	19.01 0.73 0.00	21.78 1.13 0.00	28.36 1.12 0.00	32.94 1.39 0.00	30.73 1.12 0.00	23.63 0.97 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.67 0.54 0.00	18.00 0.49 0.00	17.54 0.48 0.00	18.16 0.44 0.00	20.10 0.43 0.00	24.46 0.41 0.00	29.29 0.23 0.00	32.06 0.50 0.00	29.61 0.00 0.00	23.95 0.07 0.00	20.71 0.20 0.00	19.79 0.29 0.00
CARR STREET_E_SYR 24060	20.70 0.08 0.00	19.11 0.08 0.00	18.57 0.09 0.00	18.07 0.05 0.00	18.31 0.04 0.00	20.64 0.00 0.00	27.05 -0.19 0.00	31.49 -0.06 0.00	29.45 -0.15 0.00	22.59 -0.07 0.00	19.94 -0.10 0.00	19.06 -0.10 0.00	18.04 -0.09 0.00	17.42 -0.09 0.00	17.00 -0.07 0.00	17.59 -0.12 0.00	19.47 -0.20 0.00	23.79 -0.26 0.00	28.62 -0.44 0.00	31.24 -0.32 0.00	29.08 -0.53 0.00	23.50 -0.38 0.00	20.23 -0.27 0.00	19.30 -0.19 0.00
CARTHAGE___PAPER 23857	20.37 -0.25 0.00	18.75 -0.28 0.00	18.20 -0.28 0.00	17.74 -0.27 0.00	18.00 -0.27 0.00	20.42 -0.23 0.00	27.11 -0.14 0.00	31.55 0.00 0.00	29.22 -0.39 0.00	22.18 -0.48 0.00	19.58 -0.46 0.00	18.66 -0.50 0.00	17.57 -0.56 0.00	16.91 -0.60 0.00	16.43 -0.63 0.00	17.06 -0.66 0.00	19.00 -0.67 0.00	23.55 -0.51 0.00	28.65 -0.41 0.00	31.40 -0.16 0.00	29.26 -0.35 0.00	23.43 -0.45 0.00	19.99 -0.51 0.00	19.02 -0.47 0.00
CASSADAGA_WT_PWR 323784	21.34 0.72 0.00	19.83 0.80 0.00	19.38 0.91 0.00	18.70 0.68 0.00	18.80 0.53 0.00	21.66 1.01 0.00	27.43 0.19 0.00	31.43 -0.13 0.00	29.57 -0.03 0.00	22.95 0.29 0.00	20.28 0.24 0.00	19.23 0.08 0.00	18.13 0.00 0.00	17.44 -0.07 0.00	16.95 -0.12 0.00	17.47 -0.25 0.00	19.38 -0.29 0.00	23.38 -0.67 0.00	27.40 -1.66 0.00	29.63 -1.93 0.00	27.01 -2.61 0.00	22.11 -1.77 0.00	19.23 -1.27 0.00	18.95 -0.55 0.00
CE_DUNWOOD___DRP 24194	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.91 0.27 0.00	27.87 0.63 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.41 0.75 0.00	20.74 0.70 0.00	19.88 0.73 0.00	18.84 0.71 0.00	18.22 0.72 0.00	17.75 0.68 0.00	18.50 0.78 0.00	20.50 0.83 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.23 1.67 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
CE_MILLWOOD___DRP 24193	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.89 0.25 0.00	27.84 0.60 0.00	32.78 1.23 0.00	30.43 0.83 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.84 0.69 0.00	18.80 0.67 0.00	18.17 0.67 0.00	17.71 0.65 0.00	18.46 0.74 0.00	20.46 0.79 0.00	24.99 0.94 0.00	30.19 1.13 0.00	33.16 1.61 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.12 0.62 0.00
CE_NYC2_DRP 24202	20.84 0.23 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.52 0.92 0.00	23.52 0.86 0.00	20.82 0.78 0.00	20.03 0.88 0.00	19.02 0.89 0.00	18.42 0.91 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.36 1.31 0.00	33.29 1.74 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.21 0.72 0.00
CE_NYC_DRP 24195	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.89 0.82 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.18 1.13 0.00	30.39 1.34 0.00	33.35 1.80 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
CHAFFEE___LFGE 323603	20.78 0.16 0.00	19.30 0.27 0.00	18.84 0.37 0.00	18.18 0.16 0.00	18.27 0.00 0.00	20.97 0.33 0.00	26.51 -0.73 0.00	30.23 -1.32 0.00	28.54 -1.06 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.68 -0.48 0.00	17.62 -0.51 0.00	16.96 -0.54 0.00	16.54 -0.53 0.00	17.06 -0.66 0.00	18.94 -0.73 0.00	22.95 -1.11 0.00	26.99 -2.06 0.00	29.38 -2.18 0.00	26.98 -2.64 0.00	22.16 -1.72 0.00	19.27 -1.23 0.00	18.93 -0.57 0.00
CHATEAUG_35_KV_LOAD 355732	21.07 0.45 0.00	19.43 0.40 0.00	18.92 0.44 0.00	18.43 0.41 0.00	18.71 0.44 0.00	21.22 0.58 0.00	27.76 0.52 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.36 0.32 0.00	19.40 0.25 0.00	18.33 0.20 0.00	17.70 0.19 0.00	17.22 0.15 0.00	17.93 0.21 0.00	20.01 0.33 0.00	24.53 0.48 0.00	29.61 0.55 0.00	31.81 0.25 0.00	30.21 0.59 0.00	24.60 0.72 0.00	21.05 0.55 0.00	19.90 0.41 0.00
CHATEAUG_WT_PWR 323614	21.07 0.45 0.00	19.43 0.40 0.00	18.90 0.43 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.20 0.56 0.00	27.68 0.43 0.00	31.77 0.22 0.00	30.02 0.41 0.00	22.98 0.32 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.19 0.12 0.00	17.89 0.18 0.00	19.95 0.28 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.09 0.47 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.88 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	21.07 0.45 0.00	19.43 0.40 0.00	18.92 0.44 0.00	18.43 0.41 0.00	18.71 0.44 0.00	21.22 0.58 0.00	27.76 0.52 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.36 0.32 0.00	19.40 0.25 0.00	18.33 0.20 0.00	17.70 0.19 0.00	17.22 0.15 0.00	17.93 0.21 0.00	20.01 0.33 0.00	24.53 0.48 0.00	29.61 0.55 0.00	31.81 0.25 0.00	30.21 0.59 0.00	24.60 0.72 0.00	21.05 0.55 0.00	19.90 0.41 0.00
CHAUTAUQUA___LFGE 323629	21.03 0.41 0.00	19.53 0.49 0.00	19.08 0.61 0.00	18.39 0.38 0.00	18.49 0.22 0.00	21.29 0.64 0.00	26.89 -0.35 0.00	30.73 -0.82 0.00	28.98 -0.62 0.00	22.53 -0.14 0.00	19.92 -0.12 0.00	18.92 -0.23 0.00	17.86 -0.27 0.00	17.17 -0.33 0.00	16.72 -0.34 0.00	17.26 -0.46 0.00	19.16 -0.51 0.00	23.16 -0.89 0.00	27.23 -1.83 0.00	29.60 -1.96 0.00	27.10 -2.52 0.00	22.21 -1.67 0.00	19.33 -1.17 0.00	18.99 -0.51 0.00
CHERRYST_13_KV_LD 356241	20.84 0.23 0.00	19.22 0.19 0.00	18.59 0.11 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.91 0.27 0.00	27.92 0.68 0.00	32.97 1.42 0.00	30.67 1.07 0.00	23.61 0.95 0.00	20.90 0.86 0.00	20.09 0.94 0.00	19.07 0.94 0.00	18.45 0.95 0.00	17.95 0.89 0.00	18.74 1.03 0.00	20.69 1.02 0.00	25.28 1.23 0.00	30.48 1.42 0.00	33.45 1.89 0.00	31.07 1.45 0.00	24.93 1.05 0.00	21.32 0.82 0.00	20.23 0.74 0.00

CHESTROR_138KV_BK263 355645	20.76 0.14 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.37 0.09 0.00	20.85 0.21 0.00	27.71 0.46 0.00	32.53 0.98 0.00	30.22 0.62 0.00	23.18 0.52 0.00	20.50 0.46 0.00	19.63 0.48 0.00	18.60 0.47 0.00	17.98 0.47 0.00	17.51 0.44 0.00	18.25 0.53 0.00	20.26 0.59 0.00	24.72 0.67 0.00	29.90 0.84 0.00	32.82 1.26 0.00	30.56 0.95 0.00	24.60 0.72 0.00	21.05 0.55 0.00	19.96 0.47 0.00
CH_MIDHUDSON___DRP 24192	20.84 0.23 0.00	19.22 0.19 0.00	18.62 0.15 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.91 0.27 0.00	27.87 0.63 0.00	32.69 1.14 0.00	30.34 0.74 0.00	23.20 0.54 0.00	20.54 0.50 0.00	19.67 0.52 0.00	18.62 0.49 0.00	18.00 0.49 0.00	17.54 0.48 0.00	18.27 0.55 0.00	20.30 0.63 0.00	24.82 0.77 0.00	30.05 0.99 0.00	33.01 1.45 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.16 0.66 0.00	20.08 0.58 0.00
CH_MISC_IPPS 23765	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.00 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.73 0.57 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.19 1.64 0.00	30.92 1.30 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00
CH_RES_BVR_FALLS 23983	20.43 -0.19 0.00	18.90 -0.13 0.00	18.36 -0.11 0.00	17.92 -0.09 0.00	18.20 -0.07 0.00	20.58 -0.06 0.00	27.19 -0.05 0.00	31.33 -0.22 0.00	29.54 -0.06 0.00	22.62 -0.05 0.00	20.00 -0.04 0.00	19.10 -0.06 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.00 -0.07 0.00	17.66 -0.05 0.00	19.63 -0.04 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.30 -0.25 0.00	29.55 -0.06 0.00	23.83 -0.05 0.00	20.42 -0.08 0.00	19.36 -0.14 0.00
CH_RES_NIAGARA 23895	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.49 -0.79 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.97 -2.63 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.72 -1.44 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.21 -1.51 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.51 -3.55 0.00	27.70 -3.85 0.00	25.53 -4.09 0.00	21.09 -2.79 0.00	18.37 -2.13 0.00	18.11 -1.38 0.00
CH_RES_SYRACUSE 23985	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.23 0.22 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.87 0.32 0.00	29.75 0.15 0.00	22.80 0.14 0.00	20.12 0.08 0.00	19.23 0.08 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.41 -0.21 0.00	23.74 -0.14 0.00	20.42 -0.08 0.00	19.47 -0.02 0.00
CLINTON_WT_PWR 323605	21.07 0.45 0.00	19.43 0.40 0.00	18.90 0.43 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.20 0.56 0.00	27.68 0.43 0.00	31.77 0.22 0.00	30.02 0.41 0.00	22.98 0.32 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.19 0.12 0.00	17.89 0.18 0.00	19.95 0.28 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.09 0.47 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.88 0.39 0.00
CLINTON___LFGE 323618	21.36 0.74 0.00	19.70 0.67 0.00	19.18 0.70 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.53 0.89 0.00	28.09 0.85 0.00	32.28 0.73 0.00	30.46 0.86 0.00	23.29 0.63 0.00	20.56 0.52 0.00	19.57 0.42 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.20 0.53 0.00	24.80 0.75 0.00	29.90 0.84 0.00	32.12 0.57 0.00	30.47 0.86 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.13 0.64 0.00
COBBLENY_34_KV_TB1 80064	20.78 0.16 0.00	19.30 0.27 0.00	18.84 0.37 0.00	17.96 -0.05 0.00	18.27 0.00 0.00	20.97 0.33 0.00	26.48 -0.76 0.00	30.23 -1.33 0.00	28.51 -1.10 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.64 -0.52 0.00	17.62 -0.51 0.00	16.96 -0.54 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.94 -0.73 0.00	22.92 -1.13 0.00	26.97 -2.09 0.00	29.31 -2.24 0.00	26.83 -2.78 0.00	21.85 -2.03 0.00	19.17 -1.33 0.00	18.95 -0.55 0.00
COFFEEN___115KV_TB3 355620	20.51 -0.10 0.00	18.88 -0.15 0.00	18.33 -0.15 0.00	17.85 -0.16 0.00	18.11 -0.16 0.00	20.52 -0.12 0.00	27.22 -0.03 0.00	31.71 0.16 0.00	29.22 -0.38 0.00	22.21 -0.45 0.00	19.58 -0.46 0.00	18.64 -0.52 0.00	17.53 -0.60 0.00	16.88 -0.63 0.00	16.40 -0.67 0.00	17.01 -0.71 0.00	18.94 -0.73 0.00	23.55 -0.51 0.00	28.68 -0.38 0.00	31.59 0.03 0.00	29.41 -0.21 0.00	23.55 -0.33 0.00	20.13 -0.37 0.00	19.18 -0.31 0.00
COLDSPRG_115KV_BK1 355956	21.56 0.95 0.00	20.04 1.01 0.00	19.58 1.11 0.00	18.70 0.68 0.00	19.01 0.73 0.00	21.95 1.30 0.00	27.87 0.63 0.00	31.93 0.38 0.00	29.99 0.38 0.00	23.32 0.66 0.00	20.54 0.50 0.00	19.44 0.29 0.00	18.38 0.25 0.00	17.68 0.18 0.00	17.20 0.14 0.00	17.77 0.05 0.00	19.75 0.08 0.00	23.86 -0.19 0.00	28.10 -0.96 0.00	30.51 -1.04 0.00	27.81 -1.81 0.00	22.64 -1.24 0.00	19.80 -0.70 0.00	19.45 -0.04 0.00
COLONIE_LFGE___ 323577	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.82 0.57 0.00	32.40 0.85 0.00	30.10 0.50 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.38 0.23 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.91 0.20 0.00	19.95 0.28 0.00	24.44 0.38 0.00	29.75 0.70 0.00	32.53 0.98 0.00	30.35 0.74 0.00	24.48 0.60 0.00	20.93 0.43 0.00	19.86 0.37 0.00
COOPERNY_115KV_TB1 80082	20.72 0.10 0.00	19.13 0.10 0.00	18.53 0.06 0.00	18.12 0.11 0.00	18.35 0.07 0.00	20.81 0.17 0.00	27.60 0.35 0.00	32.34 0.79 0.00	30.08 0.47 0.00	23.09 0.43 0.00	20.42 0.38 0.00	19.54 0.38 0.00	18.51 0.38 0.00	17.87 0.37 0.00	17.42 0.36 0.00	18.12 0.41 0.00	20.12 0.45 0.00	24.58 0.53 0.00	29.70 0.64 0.00	32.53 0.98 0.00	30.30 0.68 0.00	24.41 0.53 0.00	20.91 0.41 0.00	19.84 0.35 0.00
COPENHAGEN_WT_PWR 323753	20.41 -0.21 0.00	18.80 -0.23 0.00	18.23 -0.24 0.00	17.78 -0.23 0.00	18.04 -0.24 0.00	20.40 -0.25 0.00	27.00 -0.25 0.00	31.46 -0.09 0.00	29.10 -0.50 0.00	22.14 -0.52 0.00	19.54 -0.50 0.00	18.62 -0.54 0.00	17.53 -0.60 0.00	16.89 -0.61 0.00	16.42 -0.65 0.00	17.03 -0.69 0.00	18.94 -0.73 0.00	23.45 -0.60 0.00	28.50 -0.55 0.00	31.34 -0.22 0.00	29.17 -0.44 0.00	23.40 -0.48 0.00	20.01 -0.49 0.00	19.05 -0.45 0.00
CORNELL_____ 23752	21.32 0.70 0.00	19.70 0.67 0.00	19.12 0.65 0.00	18.57 0.56 0.00	18.86 0.58 0.00	21.41 0.76 0.00	28.09 0.84 0.00	32.78 1.23 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.52 0.48 0.00	19.56 0.40 0.00	18.49 0.36 0.00	17.84 0.33 0.00	17.41 0.34 0.00	18.04 0.32 0.00	20.02 0.35 0.00	24.53 0.48 0.00	29.55 0.49 0.00	32.37 0.82 0.00	30.09 0.47 0.00	24.24 0.36 0.00	20.89 0.39 0.00	19.92 0.43 0.00

CORONA_69_KV_TB1 355595	21.05 0.43 0.00	19.47 0.44 0.00	18.77 0.30 0.00	18.41 0.40 0.00	18.62 0.35 0.00	21.20 0.56 0.00	28.47 1.23 0.00	35.02 1.92 -1.55	30.99 1.39 0.00	23.84 1.18 0.00	21.12 1.08 0.00	20.19 1.03 0.00	19.07 0.94 0.00	18.45 0.95 0.00	17.97 0.90 0.00	18.74 1.03 0.00	21.18 1.30 -0.21	27.46 1.52 -1.90	32.44 1.77 -1.61	36.47 2.30 -2.61	32.99 1.87 -1.51	28.31 1.46 -2.97	21.89 1.21 -0.18	20.58 1.09 0.00
CORTLAND_115KV_TB3 80093	21.11 0.49 0.00	19.49 0.46 0.00	18.92 0.44 0.00	18.37 0.36 0.00	18.68 0.40 0.00	21.16 0.52 0.00	27.79 0.54 0.00	32.40 0.85 0.00	30.19 0.59 0.00	23.14 0.48 0.00	20.38 0.34 0.00	19.44 0.29 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.30 0.24 0.00	17.93 0.21 0.00	19.87 0.20 0.00	24.32 0.26 0.00	29.26 0.20 0.00	32.03 0.47 0.00	29.76 0.15 0.00	24.00 0.12 0.00	20.69 0.18 0.00	19.73 0.23 0.00
COXSACKIE___GT 23611	21.73 1.11 0.00	20.00 0.97 0.00	19.42 0.94 0.00	18.93 0.92 0.00	19.19 0.91 0.00	21.78 1.13 0.00	29.12 1.88 0.00	33.85 2.30 0.00	31.32 1.72 0.00	23.52 0.86 0.00	20.70 0.66 0.00	19.65 0.50 0.00	18.53 0.40 0.00	17.88 0.37 0.00	17.42 0.36 0.00	18.12 0.41 0.00	20.34 0.67 0.00	25.04 0.99 0.00	30.60 1.54 0.00	33.70 2.15 0.00	31.54 1.92 0.00	25.39 1.51 0.00	21.69 1.19 0.00	20.58 1.09 0.00
CPV_VALLEY___CC1 323721	20.66 0.04 0.00	19.05 0.02 0.00	18.44 -0.04 0.00	18.03 0.02 0.00	18.27 0.00 0.00	20.73 0.08 0.00	27.54 0.30 0.00	32.31 0.76 0.00	30.02 0.41 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.54 0.38 0.00	18.51 0.38 0.00	17.89 0.38 0.00	17.42 0.36 0.00	18.14 0.42 0.00	20.14 0.47 0.00	24.61 0.55 0.00	29.70 0.64 0.00	32.59 1.04 0.00	30.32 0.71 0.00	24.36 0.48 0.00	20.91 0.41 0.00	19.84 0.35 0.00
CPV_VALLEY___CC2 323722	20.66 0.04 0.00	19.05 0.02 0.00	18.44 -0.04 0.00	18.03 0.02 0.00	18.27 0.00 0.00	20.73 0.08 0.00	27.54 0.30 0.00	32.31 0.76 0.00	30.02 0.41 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.54 0.38 0.00	18.51 0.38 0.00	17.89 0.38 0.00	17.42 0.36 0.00	18.14 0.42 0.00	20.14 0.47 0.00	24.61 0.55 0.00	29.70 0.64 0.00	32.59 1.04 0.00	30.32 0.71 0.00	24.36 0.48 0.00	20.91 0.41 0.00	19.84 0.35 0.00
CRESCENT___HYD 24018	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.82 0.57 0.00	32.40 0.85 0.00	30.10 0.50 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.38 0.23 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.91 0.20 0.00	19.95 0.28 0.00	24.44 0.38 0.00	29.75 0.70 0.00	32.53 0.98 0.00	30.35 0.74 0.00	24.48 0.60 0.00	20.93 0.43 0.00	19.86 0.37 0.00
CRICKET___VALLEY_CC1 323756	20.61 0.00 0.00	19.03 0.00 0.00	18.46 -0.02 0.00	18.03 0.02 0.00	18.31 0.04 0.00	20.75 0.10 0.00	27.57 0.33 0.00	32.28 0.73 0.00	29.93 0.33 0.00	22.89 0.23 0.00	20.28 0.24 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.46 0.41 0.00	29.73 0.67 0.00	32.59 1.04 0.00	30.32 0.71 0.00	24.38 0.50 0.00	20.89 0.39 0.00	19.86 0.37 0.00
CRICKET___VALLEY_CC2 323757	20.61 0.00 0.00	19.03 0.00 0.00	18.46 -0.02 0.00	18.03 0.02 0.00	18.31 0.04 0.00	20.75 0.10 0.00	27.57 0.33 0.00	32.28 0.73 0.00	29.93 0.33 0.00	22.89 0.23 0.00	20.28 0.24 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.46 0.41 0.00	29.73 0.67 0.00	32.59 1.04 0.00	30.32 0.71 0.00	24.38 0.50 0.00	20.89 0.39 0.00	19.86 0.37 0.00
CRICKET___VALLEY_CC3 323758	20.61 0.00 0.00	19.03 0.00 0.00	18.46 -0.02 0.00	18.03 0.02 0.00	18.31 0.04 0.00	20.75 0.10 0.00	27.57 0.33 0.00	32.28 0.73 0.00	29.93 0.33 0.00	22.89 0.23 0.00	20.28 0.24 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.03 0.35 0.00	24.46 0.41 0.00	29.73 0.67 0.00	32.59 1.04 0.00	30.32 0.71 0.00	24.38 0.50 0.00	20.89 0.39 0.00	19.86 0.37 0.00
CRUCIBLE_METL_DRP 24180	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00
DAHOWA___HYDRO 323763	21.11 0.49 0.00	19.47 0.44 0.00	18.90 0.43 0.00	18.43 0.41 0.00	18.70 0.42 0.00	21.22 0.58 0.00	28.25 1.01 0.00	32.97 1.42 0.00	30.61 1.01 0.00	23.20 0.54 0.00	20.52 0.48 0.00	19.59 0.44 0.00	18.49 0.36 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.02 0.30 0.00	20.12 0.45 0.00	24.72 0.67 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.24 0.74 0.00	20.08 0.58 0.00
DANC___LFGE 323619	20.41 -0.21 0.00	18.80 -0.23 0.00	18.25 -0.22 0.00	17.80 -0.22 0.00	18.04 -0.24 0.00	20.38 -0.27 0.00	26.84 -0.41 0.00	31.27 -0.28 0.00	29.01 -0.59 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.68 -0.48 0.00	17.62 -0.51 0.00	16.98 -0.52 0.00	16.52 -0.55 0.00	17.13 -0.58 0.00	19.00 -0.67 0.00	23.43 -0.63 0.00	28.39 -0.67 0.00	31.11 -0.44 0.00	28.99 -0.62 0.00	23.31 -0.57 0.00	19.97 -0.53 0.00	19.02 -0.47 0.00
DANSKAMMER___1 23586	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.00 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.73 0.57 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.19 1.64 0.00	30.92 1.30 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00
DANSKAMMER___2 23589	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.00 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.73 0.57 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.19 1.64 0.00	30.92 1.30 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00
DANSKAMMER___3 23590	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.00 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.73 0.57 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.19 1.64 0.00	30.92 1.30 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00

DANSKAMMER___4 23591	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.28 0.27 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.00 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.73 0.57 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.19 1.64 0.00	30.92 1.30 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.17 0.68 0.00
DANSKAMMER___DIESEL 23592	20.94 0.33 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.32 0.31 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.01 0.76 0.00	32.91 1.36 0.00	30.52 0.92 0.00	23.34 0.68 0.00	20.64 0.60 0.00	19.75 0.59 0.00	18.69 0.56 0.00	18.07 0.56 0.00	17.61 0.55 0.00	18.35 0.64 0.00	20.40 0.73 0.00	24.94 0.89 0.00	30.19 1.13 0.00	33.20 1.64 0.00	30.92 1.30 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.16 0.66 0.00
DARBY___SOLAR 323810	21.07 0.45 0.00	19.43 0.40 0.00	18.84 0.37 0.00	18.39 0.38 0.00	18.66 0.38 0.00	21.16 0.52 0.00	28.17 0.93 0.00	32.88 1.32 0.00	30.55 0.95 0.00	23.18 0.52 0.00	20.50 0.46 0.00	19.57 0.42 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.02 0.30 0.00	20.10 0.43 0.00	24.68 0.62 0.00	30.07 1.02 0.00	32.91 1.36 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.04 0.55 0.00
DASHVILLE___HYD 23610	20.68 0.06 0.00	19.05 0.02 0.00	18.44 -0.04 0.00	18.09 0.07 0.00	18.29 0.02 0.00	20.71 0.06 0.00	27.54 0.30 0.00	32.31 0.76 0.00	29.96 0.36 0.00	22.91 0.25 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.38 0.25 0.00	17.79 0.28 0.00	17.32 0.26 0.00	18.07 0.35 0.00	20.06 0.39 0.00	24.51 0.46 0.00	29.67 0.61 0.00	32.63 1.07 0.00	30.38 0.77 0.00	24.48 0.60 0.00	20.97 0.47 0.00	19.92 0.43 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.15 0.54 0.00	19.72 0.69 0.00	18.92 0.44 0.00	18.57 0.56 0.00	18.79 0.51 0.00	21.57 0.93 0.00	29.15 1.91 0.00	36.06 2.97 -1.55	31.50 1.89 0.00	24.13 1.47 0.00	21.38 1.34 0.00	20.36 1.21 0.00	19.15 1.02 0.00	18.58 1.07 0.00	18.09 1.02 0.00	18.83 1.12 0.00	21.47 1.59 -0.21	28.04 2.09 -1.90	33.40 2.73 -1.61	37.58 3.41 -2.62	33.79 2.67 -1.51	28.90 2.05 -2.97	22.32 1.64 -0.18	21.11 1.62 0.00
DELAWARE___LFGE 323621	21.03 0.41 0.00	19.41 0.38 0.00	18.83 0.35 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.12 0.47 0.00	27.95 0.71 0.00	32.69 1.14 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.56 0.52 0.00	19.65 0.50 0.00	18.56 0.44 0.00	17.93 0.42 0.00	17.48 0.41 0.00	18.18 0.46 0.00	20.18 0.51 0.00	24.70 0.65 0.00	29.84 0.78 0.00	32.69 1.14 0.00	30.44 0.83 0.00	24.50 0.62 0.00	21.03 0.53 0.00	20.02 0.53 0.00
DERFIELD_115KV_TB7 355931	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.64 0.00 0.00	27.30 0.05 0.00	31.71 0.16 0.00	29.66 0.06 0.00	22.68 0.02 0.00	20.06 0.02 0.00	19.19 0.04 0.00	18.15 0.02 0.00	17.52 0.02 0.00	17.08 0.02 0.00	17.75 0.04 0.00	19.71 0.04 0.00	24.10 0.05 0.00	29.14 0.09 0.00	31.74 0.19 0.00	29.73 0.12 0.00	23.95 0.07 0.00	20.54 0.04 0.00	19.53 0.04 0.00
DOGLEVILLE___HYD 23807	20.49 -0.12 0.00	18.92 -0.11 0.00	18.35 -0.13 0.00	17.87 -0.14 0.00	18.15 -0.13 0.00	20.52 -0.12 0.00	27.19 -0.05 0.00	31.61 0.06 0.00	29.57 -0.03 0.00	22.59 -0.07 0.00	20.00 -0.04 0.00	19.13 -0.02 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.05 0.00 0.00	29.12 0.06 0.00	31.74 0.19 0.00	29.67 0.06 0.00	23.88 0.00 0.00	20.46 -0.04 0.00	19.38 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	20.97 0.35 0.00	19.49 0.46 0.00	19.03 0.55 0.00	18.14 0.13 0.00	18.46 0.18 0.00	21.22 0.58 0.00	26.81 -0.44 0.00	30.64 -0.91 0.00	28.86 -0.74 0.00	22.50 -0.16 0.00	19.88 -0.16 0.00	18.83 -0.33 0.00	17.80 -0.33 0.00	17.14 -0.37 0.00	16.69 -0.38 0.00	17.24 -0.48 0.00	19.14 -0.53 0.00	23.11 -0.94 0.00	27.20 -1.86 0.00	29.53 -2.02 0.00	26.98 -2.64 0.00	21.95 -1.93 0.00	19.25 -1.25 0.00	19.01 -0.49 0.00
DUNKIRK___1 23563	20.97 0.35 0.00	19.49 0.46 0.00	19.03 0.55 0.00	18.14 0.13 0.00	18.46 0.18 0.00	21.22 0.58 0.00	26.81 -0.44 0.00	30.64 -0.91 0.00	28.86 -0.74 0.00	22.50 -0.16 0.00	19.88 -0.16 0.00	18.83 -0.33 0.00	17.80 -0.33 0.00	17.14 -0.37 0.00	16.69 -0.38 0.00	17.24 -0.48 0.00	19.14 -0.53 0.00	23.11 -0.94 0.00	27.20 -1.86 0.00	29.53 -2.02 0.00	26.98 -2.64 0.00	21.95 -1.93 0.00	19.25 -1.25 0.00	19.01 -0.49 0.00
DUNKIRK___2 23564	20.97 0.35 0.00	19.49 0.46 0.00	19.03 0.55 0.00	18.14 0.13 0.00	18.46 0.18 0.00	21.22 0.58 0.00	26.81 -0.44 0.00	30.64 -0.91 0.00	28.86 -0.74 0.00	22.50 -0.16 0.00	19.88 -0.16 0.00	18.83 -0.33 0.00	17.80 -0.33 0.00	17.14 -0.37 0.00	16.69 -0.38 0.00	17.24 -0.48 0.00	19.14 -0.53 0.00	23.11 -0.94 0.00	27.20 -1.86 0.00	29.53 -2.02 0.00	26.98 -2.64 0.00	21.95 -1.93 0.00	19.25 -1.25 0.00	19.01 -0.49 0.00
DUNKIRK___3 23565	20.90 0.29 0.00	19.41 0.38 0.00	18.95 0.48 0.00	18.09 0.07 0.00	18.40 0.13 0.00	21.14 0.50 0.00	26.73 -0.52 0.00	30.51 -1.04 0.00	28.74 -0.86 0.00	22.43 -0.23 0.00	19.80 -0.24 0.00	18.79 -0.36 0.00	17.77 -0.36 0.00	17.09 -0.42 0.00	16.66 -0.41 0.00	17.20 -0.51 0.00	19.10 -0.57 0.00	23.09 -0.96 0.00	27.17 -1.89 0.00	29.53 -2.02 0.00	26.98 -2.64 0.00	21.97 -1.91 0.00	19.27 -1.23 0.00	19.01 -0.49 0.00
DUNKIRK___4 23566	20.90 0.29 0.00	19.41 0.38 0.00	18.95 0.48 0.00	18.09 0.07 0.00	18.40 0.13 0.00	21.14 0.50 0.00	26.73 -0.52 0.00	30.51 -1.04 0.00	28.74 -0.86 0.00	22.43 -0.23 0.00	19.80 -0.24 0.00	18.79 -0.36 0.00	17.77 -0.36 0.00	17.09 -0.42 0.00	16.66 -0.41 0.00	17.20 -0.51 0.00	19.10 -0.57 0.00	23.09 -0.96 0.00	27.17 -1.89 0.00	29.53 -2.02 0.00	26.98 -2.64 0.00	21.97 -1.91 0.00	19.27 -1.23 0.00	19.01 -0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.84 0.23 0.00	19.24 0.21 0.00	18.60 0.13 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.93 0.29 0.00	27.92 0.68 0.00	32.88 1.33 0.00	30.52 0.92 0.00	23.45 0.79 0.00	20.78 0.74 0.00	19.92 0.77 0.00	18.89 0.76 0.00	18.26 0.75 0.00	17.78 0.72 0.00	18.55 0.83 0.00	20.56 0.89 0.00	25.11 1.06 0.00	30.34 1.28 0.00	33.29 1.74 0.00	30.95 1.33 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.21 0.20 0.00	18.44 0.16 0.00	20.91 0.27 0.00	27.84 0.60 0.00	32.69 1.14 0.00	30.31 0.71 0.00	23.25 0.59 0.00	20.56 0.52 0.00	19.69 0.54 0.00	18.64 0.51 0.00	18.01 0.51 0.00	17.56 0.49 0.00	18.30 0.58 0.00	20.32 0.65 0.00	24.82 0.77 0.00	30.02 0.96 0.00	32.97 1.42 0.00	30.68 1.07 0.00	24.69 0.81 0.00	21.14 0.64 0.00	20.04 0.55 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.82 0.21 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.21 0.20 0.00	18.40 0.13 0.00	20.73 0.08 0.00	27.65 0.41 0.00	32.62 1.07 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.92 0.77 0.00	18.93 0.80 0.00	18.36 0.86 0.00	17.85 0.79 0.00	18.66 0.94 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.13 1.58 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.16 0.66 0.00	20.19 0.70 0.00
E179THST_13_KV_LOAD 356214	20.90 0.29 0.00	19.22 0.19 0.00	18.57 0.09 0.00	18.27 0.25 0.00	18.48 0.20 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.61 0.94 0.00	25.21 1.15 0.00	30.36 1.31 0.00	33.26 1.70 0.00	30.98 1.36 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.27 0.78 0.00
EAST HAMPTON___GT 23717	21.38 0.76 0.00	19.93 0.89 0.00	19.14 0.66 0.00	18.72 0.70 0.00	19.01 0.73 0.00	21.82 1.18 0.00	29.59 2.34 0.00	36.55 3.44 -1.56	31.88 2.28 0.00	24.41 1.75 0.00	21.62 1.58 0.00	20.53 1.38 0.00	19.31 1.18 0.00	18.71 1.21 0.00	18.24 1.18 0.00	18.99 1.28 0.00	21.70 1.81 -0.22	28.32 2.36 -1.91	33.76 3.08 -1.62	37.97 3.78 -2.63	34.16 3.02 -1.52	29.13 2.27 -2.98	22.57 1.88 -0.19	21.37 1.87 -0.01
EAST RIVER___6 23660	20.76 0.15 0.00	19.13 0.10 0.00	18.49 0.02 0.00	18.12 0.11 0.00	18.37 0.09 0.00	20.81 0.16 0.00	27.82 0.57 0.00	32.88 1.32 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.04 0.91 0.00	18.42 0.91 0.00	17.94 0.87 0.00	18.71 0.99 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.42 1.37 0.00	33.38 1.83 0.00	30.98 1.36 0.00	24.77 0.88 0.00	21.22 0.72 0.00	20.16 0.66 0.00
EAST RIVER___7 23524	20.76 0.15 0.00	19.13 0.10 0.00	18.49 0.02 0.00	18.12 0.11 0.00	18.37 0.09 0.00	20.81 0.16 0.00	27.82 0.57 0.00	32.88 1.32 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.04 0.91 0.00	18.42 0.91 0.00	17.94 0.87 0.00	18.71 0.99 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.42 1.37 0.00	33.38 1.83 0.00	30.98 1.36 0.00	24.77 0.88 0.00	21.22 0.72 0.00	20.16 0.66 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.91 0.27 0.00	27.87 0.63 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.41 0.75 0.00	20.74 0.70 0.00	19.88 0.73 0.00	18.84 0.71 0.00	18.22 0.72 0.00	17.75 0.68 0.00	18.50 0.78 0.00	20.50 0.83 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.23 1.67 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
EAST_HAMPTON___DIESEL 23722	21.40 0.78 0.00	19.93 0.89 0.00	19.14 0.66 0.00	18.72 0.70 0.00	19.01 0.73 0.00	21.82 1.18 0.00	29.59 2.34 0.00	36.55 3.44 -1.56	31.88 2.28 0.00	24.43 1.77 0.00	21.62 1.58 0.00	20.55 1.40 0.00	19.31 1.18 0.00	18.71 1.21 0.00	18.24 1.18 0.00	18.99 1.28 0.00	21.70 1.81 -0.22	28.32 2.36 -1.91	33.76 3.08 -1.62	37.97 3.78 -2.63	34.16 3.02 -1.52	29.13 2.27 -2.98	22.57 1.88 -0.19	21.39 1.89 -0.01
EAST_PULASKI___ESR 323781	20.45 -0.17 0.00	18.86 -0.17 0.00	18.33 -0.15 0.00	17.85 -0.16 0.00	18.09 -0.18 0.00	20.38 -0.27 0.00	26.75 -0.49 0.00	31.14 -0.41 0.00	29.01 -0.59 0.00	22.23 -0.43 0.00	19.66 -0.38 0.00	18.77 -0.38 0.00	17.75 -0.38 0.00	17.12 -0.39 0.00	16.67 -0.39 0.00	17.27 -0.44 0.00	19.14 -0.53 0.00	23.47 -0.58 0.00	28.33 -0.73 0.00	30.99 -0.57 0.00	28.90 -0.71 0.00	23.29 -0.60 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
EAST_RIVER___1 323558	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.18 0.16 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.88 1.32 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.02 0.86 0.00	18.98 0.85 0.00	18.38 0.87 0.00	17.89 0.82 0.00	18.66 0.94 0.00	20.63 0.96 0.00	25.18 1.13 0.00	30.39 1.34 0.00	33.35 1.80 0.00	30.98 1.36 0.00	24.79 0.91 0.00	21.26 0.76 0.00	20.17 0.68 0.00
EAST_RIVER___2 323559	20.76 0.15 0.00	19.13 0.10 0.00	18.49 0.02 0.00	18.12 0.11 0.00	18.37 0.09 0.00	20.81 0.16 0.00	27.82 0.57 0.00	32.88 1.32 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.04 0.91 0.00	18.42 0.91 0.00	17.94 0.87 0.00	18.71 0.99 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.42 1.37 0.00	33.38 1.83 0.00	30.98 1.36 0.00	24.77 0.88 0.00	21.22 0.72 0.00	20.16 0.66 0.00
EAST___DELAWARE_HYD 23607	21.34 0.72 0.00	19.64 0.61 0.00	19.01 0.54 0.00	18.59 0.58 0.00	18.82 0.55 0.00	21.37 0.72 0.00	28.50 1.25 0.00	33.48 1.92 0.00	31.05 1.45 0.00	23.63 0.97 0.00	20.86 0.82 0.00	19.88 0.73 0.00	18.82 0.69 0.00	18.21 0.70 0.00	17.71 0.65 0.00	18.48 0.76 0.00	20.60 0.92 0.00	25.23 1.18 0.00	30.54 1.48 0.00	33.67 2.11 0.00	31.36 1.75 0.00	25.15 1.26 0.00	21.55 1.04 0.00	20.51 1.01 0.00
EIGHT_POINT___WT_PWR 323820	21.83 1.22 0.00	20.23 1.20 0.00	19.69 1.22 0.00	19.15 1.14 0.00	19.39 1.11 0.00	22.26 1.61 0.00	29.07 1.83 0.00	33.79 2.24 0.00	31.47 1.87 0.00	24.16 1.50 0.00	21.12 1.08 0.00	20.13 0.98 0.00	19.02 0.89 0.00	18.31 0.81 0.00	17.87 0.80 0.00	18.48 0.76 0.00	20.46 0.79 0.00	24.97 0.91 0.00	29.93 0.87 0.00	32.72 1.17 0.00	30.21 0.59 0.00	24.38 0.50 0.00	21.03 0.53 0.00	20.06 0.57 0.00
ELBRIDGE_115KV_TB2 80188	20.86 0.25 0.00	19.28 0.25 0.00	18.71 0.24 0.00	18.16 0.14 0.00	18.46 0.18 0.00	20.87 0.23 0.00	27.32 0.08 0.00	31.80 0.25 0.00	29.72 0.12 0.00	22.80 0.14 0.00	20.10 0.06 0.00	19.19 0.04 0.00	18.15 0.02 0.00	17.52 0.02 0.00	17.10 0.03 0.00	17.70 -0.02 0.00	19.61 -0.06 0.00	23.98 -0.07 0.00	28.82 -0.23 0.00	31.46 -0.09 0.00	29.29 -0.33 0.00	23.62 -0.26 0.00	20.38 -0.12 0.00	19.45 -0.04 0.00
ELEC_TRO_TEK 24086	20.92 0.31 0.00	19.37 0.34 0.00	18.68 0.20 0.00	18.32 0.31 0.00	18.53 0.26 0.00	21.08 0.43 0.00	28.31 1.06 0.00	34.90 1.80 -1.55	30.84 1.24 0.00	23.73 1.07 0.00	21.02 0.98 0.00	20.09 0.94 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.90 0.84 0.00	18.67 0.96 0.00	21.06 1.18 -0.21	27.34 1.39 -1.90	32.32 1.66 -1.61	36.34 2.18 -2.61	32.88 1.75 -1.51	28.19 1.34 -2.97	21.76 1.09 -0.18	20.47 0.97 0.00
ELLENBURG_WT_PWR 323604	21.07 0.45 0.00	19.43 0.40 0.00	18.90 0.43 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.20 0.56 0.00	27.68 0.43 0.00	31.77 0.22 0.00	30.02 0.41 0.00	22.98 0.32 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.19 0.12 0.00	17.89 0.18 0.00	19.95 0.28 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.09 0.47 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.88 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.55 -0.06 0.00	19.09 0.06 0.00	18.66 0.18 0.00	17.76 -0.25 0.00	18.09 -0.18 0.00	20.73 0.08 0.00	26.15 -1.09 0.00	29.78 -1.77 0.00	28.12 -1.48 0.00	21.94 -0.73 0.00	19.40 -0.64 0.00	18.41 -0.75 0.00	17.40 -0.73 0.00	16.77 -0.74 0.00	16.35 -0.72 0.00	16.88 -0.83 0.00	18.71 -0.96 0.00	22.63 -1.42 0.00	26.62 -2.44 0.00	28.94 -2.62 0.00	26.50 -3.11 0.00	21.57 -2.32 0.00	18.96 -1.54 0.00	18.77 -0.72 0.00
EMPIRE_CC_1 323656	20.57 -0.04 0.00	19.01 -0.02 0.00	18.44 -0.04 0.00	18.00 -0.02 0.00	18.29 0.02 0.00	20.71 0.06 0.00	27.46 0.22 0.00	31.96 0.41 0.00	29.66 0.06 0.00	22.66 0.00 0.00	20.08 0.04 0.00	19.23 0.08 0.00	18.20 0.07 0.00	17.58 0.07 0.00	17.13 0.07 0.00	17.81 0.09 0.00	19.79 0.12 0.00	24.17 0.12 0.00	29.35 0.29 0.00	32.12 0.57 0.00	29.94 0.33 0.00	24.17 0.29 0.00	20.71 0.20 0.00	19.71 0.21 0.00
EMPIRE_CC_2 323658	20.57 -0.04 0.00	19.01 -0.02 0.00	18.44 -0.04 0.00	18.00 -0.02 0.00	18.29 0.02 0.00	20.71 0.06 0.00	27.46 0.22 0.00	31.96 0.41 0.00	29.66 0.06 0.00	22.66 0.00 0.00	20.08 0.04 0.00	19.23 0.08 0.00	18.20 0.07 0.00	17.58 0.07 0.00	17.13 0.07 0.00	17.81 0.09 0.00	19.79 0.12 0.00	24.17 0.12 0.00	29.35 0.29 0.00	32.12 0.57 0.00	29.94 0.33 0.00	24.17 0.29 0.00	20.71 0.20 0.00	19.71 0.21 0.00
ENORWICH_115KV_TB1 80156	22.47 1.86 0.00	20.73 1.69 0.00	20.12 1.64 0.00	19.55 1.53 0.00	19.85 1.57 0.00	22.65 2.00 0.00	29.97 2.72 0.00	35.18 3.63 0.00	32.50 2.90 0.00	24.59 1.93 0.00	21.46 1.42 0.00	20.42 1.26 0.00	19.20 1.07 0.00	18.49 0.98 0.00	18.00 0.94 0.00	18.66 0.94 0.00	20.81 1.14 0.00	25.76 1.71 0.00	31.21 2.15 0.00	34.43 2.87 0.00	31.86 2.25 0.00	25.60 1.72 0.00	22.02 1.52 0.00	21.01 1.52 0.00
ERIE_ST__34_KV_TB1-2 80199	21.05 0.43 0.00	19.55 0.51 0.00	19.08 0.61 0.00	18.21 0.20 0.00	18.53 0.26 0.00	21.31 0.66 0.00	26.94 -0.30 0.00	30.76 -0.79 0.00	29.01 -0.59 0.00	22.62 -0.05 0.00	19.96 -0.08 0.00	18.94 -0.21 0.00	17.91 -0.22 0.00	17.24 -0.26 0.00	16.81 -0.26 0.00	17.34 -0.37 0.00	19.26 -0.41 0.00	23.31 -0.75 0.00	27.46 -1.60 0.00	29.85 -1.70 0.00	27.30 -2.31 0.00	22.23 -1.65 0.00	19.48 -1.03 0.00	19.20 -0.29 0.00
ERIE_WT_PWR 323693	20.76 0.15 0.00	19.28 0.25 0.00	18.82 0.35 0.00	18.16 0.14 0.00	18.26 -0.02 0.00	20.95 0.31 0.00	26.45 -0.79 0.00	30.13 -1.42 0.00	28.48 -1.12 0.00	22.16 -0.50 0.00	19.60 -0.44 0.00	18.64 -0.52 0.00	17.59 -0.54 0.00	16.93 -0.58 0.00	16.50 -0.56 0.00	17.04 -0.67 0.00	18.90 -0.77 0.00	22.87 -1.18 0.00	26.91 -2.15 0.00	29.28 -2.27 0.00	26.89 -2.72 0.00	22.09 -1.79 0.00	19.23 -1.27 0.00	18.91 -0.58 0.00
ESPRGFLD_115KV_TB1 80157	21.56 0.95 0.00	19.91 0.88 0.00	19.31 0.83 0.00	18.81 0.79 0.00	19.08 0.80 0.00	21.72 1.07 0.00	28.82 1.58 0.00	33.76 2.21 0.00	31.38 1.78 0.00	23.91 1.25 0.00	21.00 0.96 0.00	20.05 0.90 0.00	18.93 0.80 0.00	18.26 0.75 0.00	17.80 0.73 0.00	18.51 0.80 0.00	20.60 0.92 0.00	25.30 1.25 0.00	30.66 1.60 0.00	33.64 2.08 0.00	31.33 1.72 0.00	25.15 1.27 0.00	21.57 1.07 0.00	20.47 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.29 0.68 0.00	19.66 0.63 0.00	19.10 0.63 0.00	18.54 0.52 0.00	18.84 0.57 0.00	21.37 0.72 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.48 0.44 0.00	19.52 0.36 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.37 0.31 0.00	18.00 0.28 0.00	19.99 0.31 0.00	24.48 0.43 0.00	29.49 0.44 0.00	32.31 0.76 0.00	30.00 0.38 0.00	24.19 0.31 0.00	20.85 0.35 0.00	19.90 0.41 0.00
ETNA____115KV_TB2 80207	21.29 0.68 0.00	19.66 0.63 0.00	19.10 0.63 0.00	18.54 0.52 0.00	18.84 0.57 0.00	21.37 0.72 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.48 0.44 0.00	19.52 0.36 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.37 0.31 0.00	18.00 0.28 0.00	19.99 0.31 0.00	24.48 0.43 0.00	29.49 0.44 0.00	32.31 0.76 0.00	30.00 0.38 0.00	24.19 0.31 0.00	20.85 0.35 0.00	19.90 0.41 0.00
EUCLID____115KV_TB2 356179	20.57 -0.04 0.00	18.99 -0.04 0.00	18.46 -0.02 0.00	17.92 -0.09 0.00	18.20 -0.07 0.00	20.50 -0.14 0.00	26.83 -0.41 0.00	31.24 -0.32 0.00	29.22 -0.38 0.00	22.41 -0.25 0.00	19.80 -0.24 0.00	18.90 -0.25 0.00	17.91 -0.22 0.00	17.30 -0.21 0.00	16.88 -0.19 0.00	17.47 -0.25 0.00	19.36 -0.31 0.00	23.64 -0.41 0.00	28.42 -0.64 0.00	31.02 -0.54 0.00	28.87 -0.74 0.00	23.28 -0.60 0.00	20.07 -0.43 0.00	19.18 -0.31 0.00
E_CANADA_CAP_HY 24051	21.67 1.05 0.00	20.00 0.97 0.00	19.38 0.91 0.00	18.91 0.90 0.00	19.17 0.90 0.00	21.82 1.18 0.00	29.04 1.80 0.00	33.95 2.40 0.00	31.50 1.90 0.00	23.91 1.25 0.00	21.00 0.96 0.00	20.03 0.88 0.00	18.91 0.78 0.00	18.24 0.74 0.00	17.78 0.72 0.00	18.50 0.78 0.00	20.65 0.98 0.00	25.42 1.37 0.00	30.92 1.86 0.00	33.92 2.37 0.00	31.66 2.04 0.00	25.39 1.51 0.00	21.73 1.23 0.00	20.56 1.07 0.00
E_CANADA_MHWK_HY 24050	20.49 -0.12 0.00	18.92 -0.11 0.00	18.35 -0.13 0.00	17.87 -0.14 0.00	18.15 -0.13 0.00	20.52 -0.12 0.00	27.19 -0.05 0.00	31.61 0.06 0.00	29.57 -0.03 0.00	22.59 -0.07 0.00	20.00 -0.04 0.00	19.13 -0.02 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.05 0.00 0.00	29.12 0.06 0.00	31.74 0.19 0.00	29.67 0.06 0.00	23.88 0.00 0.00	20.46 -0.04 0.00	19.38 -0.12 0.00
E_FISHKILL__LBMP 23776	20.74 0.12 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.38 0.11 0.00	20.85 0.21 0.00	27.73 0.49 0.00	32.56 1.01 0.00	30.22 0.62 0.00	23.18 0.52 0.00	20.52 0.48 0.00	19.67 0.52 0.00	18.64 0.51 0.00	18.01 0.51 0.00	17.54 0.48 0.00	18.28 0.57 0.00	20.28 0.61 0.00	24.77 0.72 0.00	29.99 0.93 0.00	32.88 1.33 0.00	30.62 1.01 0.00	24.65 0.76 0.00	21.07 0.57 0.00	20.00 0.51 0.00
FALCON____SEABRD_CC1 323796	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.51 0.87 0.00	27.92 0.68 0.00	32.05 0.50 0.00	30.25 0.65 0.00	23.18 0.52 0.00	20.48 0.44 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.30 0.24 0.00	18.02 0.30 0.00	20.10 0.43 0.00	24.65 0.60 0.00	29.75 0.70 0.00	31.96 0.41 0.00	30.32 0.71 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.12 0.62 0.00
FALCON____SEABRD_CC2 323797	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.51 0.87 0.00	27.92 0.68 0.00	32.05 0.50 0.00	30.25 0.65 0.00	23.18 0.52 0.00	20.48 0.44 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.30 0.24 0.00	18.02 0.30 0.00	20.10 0.43 0.00	24.65 0.60 0.00	29.75 0.70 0.00	31.96 0.41 0.00	30.32 0.71 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.12 0.62 0.00

FAR ROCKAWAY___4 23548	21.17 0.56 0.00	19.58 0.55 0.00	18.86 0.39 0.00	18.50 0.49 0.00	18.73 0.46 0.00	21.33 0.68 0.00	28.63 1.39 0.00	35.24 2.15 -1.55	31.20 1.60 0.00	24.00 1.34 0.00	21.24 1.20 0.00	20.30 1.15 0.00	19.18 1.05 0.00	18.54 1.03 0.00	18.06 0.99 0.00	18.83 1.12 0.00	21.30 1.42 -0.21	27.63 1.68 -1.90	32.64 1.98 -1.61	36.72 2.56 -2.61	33.17 2.04 -1.51	28.47 1.62 -2.97	22.03 1.35 -0.18	20.70 1.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.61 1.01 0.00	23.54 0.88 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.02 0.89 0.00	18.40 0.89 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.42 1.37 0.00	33.38 1.83 0.00	31.04 1.42 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.21 0.72 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.86 0.82 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.40 0.89 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.65 0.98 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.04 1.42 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.80 0.19 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.89 0.82 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.35 1.80 0.00	31.01 1.39 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
FARRAGUT___LBMP 323566	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.98 0.85 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.66 0.94 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.17 0.68 0.00
FENNER___WINDPWR 24204	21.15 0.54 0.00	19.51 0.48 0.00	18.95 0.48 0.00	18.46 0.45 0.00	18.71 0.44 0.00	21.18 0.54 0.00	27.92 0.68 0.00	32.72 1.17 0.00	30.52 0.92 0.00	23.27 0.61 0.00	20.50 0.46 0.00	19.57 0.42 0.00	18.49 0.36 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.00 0.28 0.00	19.97 0.30 0.00	24.48 0.43 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.12 0.50 0.00	24.29 0.41 0.00	20.85 0.35 0.00	19.86 0.37 0.00
FIBERTEK___ENERGY 23856	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00
FITZPATRICK___ 23598	20.31 -0.31 0.00	18.75 -0.28 0.00	18.22 -0.26 0.00	17.72 -0.29 0.00	17.98 -0.29 0.00	20.19 -0.45 0.00	26.45 -0.79 0.00	30.73 -0.82 0.00	28.77 -0.83 0.00	22.05 -0.61 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.10 -0.57 0.00	23.31 -0.75 0.00	28.07 -0.99 0.00	30.58 -0.98 0.00	28.58 -1.04 0.00	23.07 -0.81 0.00	19.84 -0.66 0.00	18.95 -0.55 0.00
FLOWRFLD_69_KV_BK1 356044	21.11 0.49 0.00	19.60 0.57 0.00	18.84 0.37 0.00	18.50 0.49 0.00	18.71 0.44 0.00	21.39 0.74 0.00	28.82 1.58 0.00	35.62 2.52 -1.55	31.32 1.72 0.00	24.04 1.38 0.00	21.28 1.24 0.00	20.30 1.15 0.00	19.15 1.02 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.36 1.48 -0.21	27.83 1.88 -1.90	33.02 2.35 -1.61	37.14 2.97 -2.62	33.50 2.37 -1.51	28.67 1.82 -2.97	22.11 1.44 -0.18	20.84 1.34 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.99 0.37 0.00	19.34 0.30 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.04 0.39 0.00	28.06 0.82 0.00	32.97 1.42 0.00	30.58 0.98 0.00	23.39 0.73 0.00	20.68 0.64 0.00	19.77 0.61 0.00	18.71 0.58 0.00	18.08 0.58 0.00	17.63 0.56 0.00	18.37 0.66 0.00	20.42 0.75 0.00	24.99 0.94 0.00	30.25 1.19 0.00	33.26 1.70 0.00	30.98 1.36 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
FORT ORANGE___ 23900	20.99 0.37 0.00	19.37 0.34 0.00	18.79 0.31 0.00	18.34 0.32 0.00	18.60 0.33 0.00	21.08 0.43 0.00	28.00 0.76 0.00	32.62 1.07 0.00	30.31 0.71 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.50 0.35 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.04 0.32 0.00	20.08 0.41 0.00	24.61 0.55 0.00	29.90 0.84 0.00	32.72 1.17 0.00	30.53 0.92 0.00	24.60 0.72 0.00	21.07 0.57 0.00	20.00 0.51 0.00
FORT_DRUM_COGEN 23780	20.41 -0.21 0.00	18.78 -0.25 0.00	18.23 -0.24 0.00	17.76 -0.25 0.00	18.02 -0.26 0.00	20.42 -0.23 0.00	27.05 -0.19 0.00	31.52 -0.03 0.00	29.13 -0.47 0.00	22.16 -0.50 0.00	19.54 -0.50 0.00	18.60 -0.56 0.00	17.51 -0.62 0.00	16.88 -0.63 0.00	16.38 -0.68 0.00	17.01 -0.71 0.00	18.92 -0.75 0.00	23.47 -0.58 0.00	28.56 -0.49 0.00	31.40 -0.16 0.00	29.23 -0.38 0.00	23.40 -0.48 0.00	20.01 -0.49 0.00	19.06 -0.43 0.00
FOX_HILLS___ESR 323835	20.94 0.33 0.00	19.28 0.25 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.49 0.22 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.72 1.17 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.05 0.90 0.00	19.04 0.91 0.00	18.45 0.95 0.00	17.94 0.87 0.00	18.74 1.03 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.29 1.74 0.00	31.15 1.54 0.00	24.98 1.10 0.00	21.36 0.86 0.00	20.33 0.84 0.00
FPL_FAR_ROCK_GT1 24212	21.17 0.56 0.00	19.58 0.55 0.00	18.86 0.39 0.00	18.46 0.45 0.00	18.73 0.46 0.00	21.32 0.68 0.00	28.64 1.39 0.00	35.25 2.15 -1.56	31.17 1.57 0.00	24.00 1.34 0.00	21.24 1.20 0.00	20.28 1.13 0.00	19.16 1.03 0.00	18.54 1.03 0.00	18.06 0.99 0.00	18.83 1.12 0.00	21.31 1.42 -0.22	27.64 1.68 -1.91	32.65 1.98 -1.61	36.73 2.55 -2.62	33.18 2.04 -1.52	28.39 1.53 -2.98	22.02 1.33 -0.19	20.73 1.23 -0.01
FPL_FAR_ROCK_GT2 23815	21.17 0.56 0.00	19.58 0.55 0.00	18.86 0.39 0.00	18.46 0.45 0.00	18.73 0.46 0.00	21.32 0.68 0.00	28.64 1.39 0.00	35.25 2.15 -1.56	31.17 1.57 0.00	24.00 1.34 0.00	21.24 1.20 0.00	20.28 1.13 0.00	19.16 1.03 0.00	18.54 1.03 0.00	18.06 0.99 0.00	18.83 1.12 0.00	21.31 1.42 -0.22	27.64 1.68 -1.91	32.65 1.98 -1.61	36.73 2.55 -2.62	33.18 2.04 -1.52	28.39 1.53 -2.98	22.02 1.33 -0.19	20.73 1.23 -0.01

FRANKLIN_FALL_HYD 24054	20.92 0.31 0.00	19.32 0.29 0.00	18.79 0.31 0.00	18.30 0.29 0.00	18.60 0.33 0.00	21.12 0.47 0.00	27.73 0.49 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.34 0.30 0.00	19.36 0.21 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.17 0.10 0.00	17.86 0.14 0.00	19.93 0.26 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.12 0.50 0.00	24.48 0.60 0.00	20.95 0.45 0.00	19.78 0.29 0.00
FREEPORT_EQUS_GT1 23764	21.01 0.39 0.00	19.45 0.42 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.60 0.33 0.00	21.18 0.54 0.00	28.47 1.23 0.00	35.13 2.02 -1.56	31.02 1.42 0.00	23.86 1.20 0.00	21.14 1.10 0.00	20.19 1.03 0.00	19.07 0.94 0.00	18.45 0.94 0.00	17.99 0.92 0.00	18.74 1.03 0.00	21.23 1.34 -0.22	27.54 1.59 -1.91	32.56 1.89 -1.62	36.61 2.43 -2.62	33.12 1.98 -1.52	28.29 1.43 -2.98	21.92 1.23 -0.19	20.63 1.13 -0.01
FREEPORT___CT2 23818	21.01 0.39 0.00	19.45 0.42 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.60 0.33 0.00	21.18 0.54 0.00	28.47 1.23 0.00	35.13 2.02 -1.56	31.02 1.42 0.00	23.86 1.20 0.00	21.14 1.10 0.00	20.19 1.03 0.00	19.07 0.94 0.00	18.45 0.94 0.00	17.99 0.92 0.00	18.74 1.03 0.00	21.23 1.34 -0.22	27.54 1.59 -1.91	32.56 1.89 -1.62	36.61 2.43 -2.62	33.12 1.98 -1.52	28.29 1.43 -2.98	21.92 1.23 -0.19	20.63 1.13 -0.01
FRESHKLS_33_KV_LOAD 356253	21.03 0.41 0.00	19.34 0.30 0.00	18.70 0.22 0.00	18.36 0.34 0.00	18.55 0.27 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.53 0.98 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.78 0.74 0.00	20.00 0.84 0.00	18.98 0.85 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.73 1.01 0.00	20.65 0.98 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.13 1.58 0.00	31.21 1.60 0.00	25.00 1.12 0.00	21.40 0.90 0.00	20.41 0.92 0.00
FULTON COGEN____ 23766	20.45 -0.16 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.82 -0.20 0.00	18.11 -0.16 0.00	20.36 -0.29 0.00	26.70 -0.54 0.00	31.05 -0.50 0.00	29.01 -0.59 0.00	22.25 -0.41 0.00	19.64 -0.40 0.00	18.77 -0.38 0.00	17.79 -0.34 0.00	17.17 -0.33 0.00	16.76 -0.31 0.00	17.33 -0.39 0.00	19.20 -0.47 0.00	23.47 -0.58 0.00	28.30 -0.76 0.00	30.89 -0.66 0.00	28.78 -0.83 0.00	23.19 -0.69 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
FULTON___LFGE 323630	22.39 1.77 0.00	20.65 1.62 0.00	20.03 1.55 0.00	19.53 1.51 0.00	19.77 1.50 0.00	22.56 1.92 0.00	30.13 2.89 0.00	35.30 3.75 0.00	32.62 3.02 0.00	24.56 1.90 0.00	21.44 1.40 0.00	20.44 1.28 0.00	19.29 1.16 0.00	18.58 1.07 0.00	18.14 1.08 0.00	18.92 1.21 0.00	21.28 1.61 0.00	26.34 2.29 0.00	32.14 3.08 0.00	35.24 3.69 0.00	32.90 3.29 0.00	26.34 2.46 0.00	22.53 2.03 0.00	21.19 1.70 0.00
G.F.CEMENT___DRP 24184	21.21 0.60 0.00	19.55 0.51 0.00	18.97 0.50 0.00	18.52 0.50 0.00	18.77 0.49 0.00	21.31 0.66 0.00	28.41 1.17 0.00	33.19 1.64 0.00	30.87 1.27 0.00	23.36 0.70 0.00	20.66 0.62 0.00	19.73 0.57 0.00	18.58 0.45 0.00	17.91 0.40 0.00	17.44 0.38 0.00	18.09 0.37 0.00	20.22 0.55 0.00	24.85 0.79 0.00	30.31 1.25 0.00	33.16 1.61 0.00	31.04 1.42 0.00	24.93 1.05 0.00	21.32 0.82 0.00	20.10 0.60 0.00
GARDENVILLE___LBMP 24039	20.66 0.04 0.00	19.18 0.15 0.00	18.73 0.26 0.00	17.85 -0.16 0.00	18.16 -0.11 0.00	20.85 0.21 0.00	26.29 -0.95 0.00	29.97 -1.58 0.00	28.30 -1.30 0.00	22.07 -0.59 0.00	19.50 -0.54 0.00	18.50 -0.65 0.00	17.51 -0.62 0.00	16.86 -0.65 0.00	16.43 -0.63 0.00	16.95 -0.76 0.00	18.81 -0.87 0.00	22.78 -1.27 0.00	26.79 -2.27 0.00	29.09 -2.46 0.00	26.65 -2.96 0.00	21.68 -2.20 0.00	19.05 -1.46 0.00	18.83 -0.66 0.00
GARDNVLA_35_KV_LD 355827	20.78 0.16 0.00	19.30 0.27 0.00	18.86 0.39 0.00	17.96 -0.05 0.00	18.27 0.00 0.00	20.97 0.33 0.00	26.48 -0.76 0.00	30.16 -1.39 0.00	28.48 -1.12 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.64 -0.52 0.00	17.62 -0.51 0.00	16.96 -0.54 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.94 -0.73 0.00	22.92 -1.13 0.00	26.94 -2.12 0.00	29.28 -2.27 0.00	26.80 -2.81 0.00	21.80 -2.08 0.00	19.15 -1.35 0.00	18.95 -0.55 0.00
GELCKHM___115KV_LOAD 80723	20.68 0.06 0.00	19.09 0.06 0.00	18.53 0.06 0.00	17.98 -0.04 0.00	18.29 0.02 0.00	20.60 -0.04 0.00	27.00 -0.25 0.00	31.43 -0.13 0.00	29.36 -0.24 0.00	22.53 -0.14 0.00	19.90 -0.14 0.00	19.00 -0.15 0.00	18.00 -0.13 0.00	17.38 -0.12 0.00	16.96 -0.10 0.00	17.56 -0.16 0.00	19.45 -0.22 0.00	23.76 -0.29 0.00	28.56 -0.49 0.00	31.18 -0.38 0.00	29.05 -0.56 0.00	23.40 -0.48 0.00	20.17 -0.33 0.00	19.28 -0.21 0.00
GENERAL___MILLS 23808	20.74 0.12 0.00	19.26 0.23 0.00	18.81 0.33 0.00	17.92 -0.09 0.00	18.24 -0.04 0.00	20.93 0.29 0.00	26.40 -0.84 0.00	30.10 -1.45 0.00	28.42 -1.18 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.58 -0.57 0.00	17.57 -0.56 0.00	16.91 -0.60 0.00	16.50 -0.56 0.00	17.03 -0.69 0.00	18.88 -0.79 0.00	22.85 -1.20 0.00	26.88 -2.18 0.00	29.22 -2.34 0.00	26.74 -2.87 0.00	21.76 -2.13 0.00	19.13 -1.37 0.00	18.91 -0.58 0.00
GE_PLASTICS___DRP 24183	20.84 0.23 0.00	19.24 0.21 0.00	18.66 0.18 0.00	18.25 0.23 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.76 0.52 0.00	32.34 0.79 0.00	30.08 0.47 0.00	22.96 0.29 0.00	20.32 0.28 0.00	19.44 0.29 0.00	18.38 0.25 0.00	17.75 0.25 0.00	17.30 0.24 0.00	17.98 0.27 0.00	20.01 0.33 0.00	24.46 0.41 0.00	29.67 0.61 0.00	32.47 0.92 0.00	30.30 0.68 0.00	24.43 0.55 0.00	20.91 0.41 0.00	19.86 0.37 0.00
GILBOA___1 23756	20.72 0.10 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.81 0.16 0.00	27.57 0.33 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.36 0.24 0.00	17.75 0.24 0.00	17.29 0.22 0.00	17.98 0.27 0.00	19.97 0.30 0.00	24.41 0.36 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.12 0.50 0.00	24.26 0.38 0.00	20.81 0.31 0.00	19.77 0.27 0.00
GILBOA___2 23757	20.72 0.10 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.81 0.16 0.00	27.57 0.33 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.36 0.24 0.00	17.75 0.24 0.00	17.29 0.22 0.00	17.98 0.27 0.00	19.97 0.30 0.00	24.41 0.36 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.12 0.50 0.00	24.26 0.38 0.00	20.81 0.31 0.00	19.77 0.27 0.00
GILBOA___3 23758	20.72 0.10 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.81 0.16 0.00	27.57 0.33 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.36 0.24 0.00	17.75 0.24 0.00	17.29 0.22 0.00	17.98 0.27 0.00	19.97 0.30 0.00	24.41 0.36 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.12 0.50 0.00	24.26 0.38 0.00	20.81 0.31 0.00	19.77 0.27 0.00

GILBOA___4 23759	20.72 0.10 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.81 0.16 0.00	27.57 0.33 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.36 0.24 0.00	17.75 0.24 0.00	17.29 0.22 0.00	17.98 0.27 0.00	19.97 0.30 0.00	24.41 0.36 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.12 0.50 0.00	24.26 0.38 0.00	20.81 0.31 0.00	19.77 0.27 0.00
GILBOA____ 23599	20.72 0.10 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.14 0.13 0.00	18.38 0.11 0.00	20.81 0.17 0.00	27.57 0.33 0.00	32.18 0.63 0.00	29.96 0.36 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.42 0.27 0.00	18.37 0.24 0.00	17.75 0.25 0.00	17.29 0.22 0.00	17.98 0.27 0.00	19.97 0.30 0.00	24.41 0.36 0.00	29.55 0.49 0.00	32.31 0.76 0.00	30.15 0.53 0.00	24.29 0.41 0.00	20.81 0.31 0.00	19.77 0.27 0.00
GINNA____ 23603	19.46 -1.15 0.00	18.00 -1.03 0.00	17.53 -0.94 0.00	16.99 -1.03 0.00	17.20 -1.08 0.00	19.47 -1.18 0.00	25.20 -2.04 0.00	29.22 -2.33 0.00	27.44 -2.16 0.00	21.10 -1.56 0.00	18.64 -1.40 0.00	17.76 -1.40 0.00	16.79 -1.34 0.00	16.19 -1.31 0.00	15.80 -1.26 0.00	16.33 -1.38 0.00	18.10 -1.57 0.00	22.15 -1.90 0.00	26.41 -2.64 0.00	28.81 -2.75 0.00	26.77 -2.84 0.00	21.71 -2.17 0.00	18.74 -1.76 0.00	18.03 -1.46 0.00
GLEN PARK____ 23778	20.43 -0.19 0.00	18.82 -0.21 0.00	18.25 -0.22 0.00	17.80 -0.22 0.00	18.04 -0.24 0.00	20.44 -0.21 0.00	27.11 -0.14 0.00	31.58 0.03 0.00	29.13 -0.47 0.00	22.14 -0.52 0.00	19.52 -0.52 0.00	18.58 -0.57 0.00	17.49 -0.64 0.00	16.84 -0.67 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.47 -0.58 0.00	28.59 -0.47 0.00	31.46 -0.09 0.00	29.32 -0.30 0.00	23.48 -0.41 0.00	20.05 -0.45 0.00	19.10 -0.39 0.00
GLENDALE_27_KV_LOAD 356172	20.90 0.29 0.00	19.26 0.23 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.49 0.22 0.00	20.91 0.27 0.00	27.92 0.68 0.00	32.94 1.39 0.00	30.67 1.07 0.00	23.61 0.95 0.00	20.92 0.88 0.00	20.11 0.96 0.00	19.09 0.96 0.00	18.51 1.00 0.00	17.99 0.92 0.00	18.78 1.06 0.00	20.73 1.06 0.00	25.33 1.27 0.00	30.51 1.45 0.00	33.45 1.89 0.00	31.12 1.51 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GLENWOOD_IC_1_G5 23712	21.07 0.45 0.00	19.51 0.48 0.00	18.79 0.31 0.00	18.43 0.41 0.00	18.66 0.38 0.00	21.22 0.58 0.00	28.52 1.28 0.00	35.21 2.11 -1.55	31.14 1.54 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.26 1.11 0.00	19.15 1.02 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.26 1.38 -0.21	27.58 1.64 -1.90	32.61 1.95 -1.61	36.41 2.24 -2.61	33.17 2.04 -1.51	28.43 1.58 -2.97	21.95 1.27 -0.18	20.64 1.15 0.00
GLENWOOD_IC_2_G1 23688	21.05 0.43 0.00	19.47 0.44 0.00	18.77 0.29 0.00	18.37 0.36 0.00	18.62 0.35 0.00	21.20 0.56 0.00	28.47 1.23 0.00	35.13 2.02 -1.56	31.05 1.45 0.00	23.88 1.22 0.00	21.16 1.12 0.00	20.21 1.05 0.00	19.09 0.96 0.00	18.49 0.98 0.00	18.00 0.94 0.00	18.76 1.05 0.00	21.21 1.32 -0.22	27.54 1.59 -1.91	32.56 1.89 -1.61	36.51 2.33 -2.62	33.09 1.95 -1.52	28.29 1.43 -2.98	21.90 1.21 -0.19	20.61 1.11 -0.01
GLENWOOD_IC_3_G1 23689	21.05 0.43 0.00	19.47 0.44 0.00	18.77 0.29 0.00	18.37 0.36 0.00	18.62 0.35 0.00	21.20 0.56 0.00	28.47 1.23 0.00	35.13 2.02 -1.56	31.05 1.45 0.00	23.88 1.22 0.00	21.16 1.12 0.00	20.21 1.05 0.00	19.09 0.96 0.00	18.49 0.98 0.00	18.00 0.94 0.00	18.76 1.05 0.00	21.21 1.32 -0.22	27.54 1.59 -1.91	32.56 1.89 -1.61	36.51 2.33 -2.62	33.09 1.95 -1.52	28.29 1.43 -2.98	21.90 1.21 -0.19	20.61 1.11 -0.01
GLENWOOD___4 23550	21.07 0.45 0.00	19.51 0.48 0.00	18.79 0.31 0.00	18.43 0.41 0.00	18.66 0.38 0.00	21.22 0.58 0.00	28.52 1.28 0.00	35.21 2.11 -1.55	31.14 1.54 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.26 1.11 0.00	19.15 1.02 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.26 1.38 -0.21	27.58 1.64 -1.90	32.61 1.95 -1.61	36.47 2.30 -2.61	33.17 2.04 -1.51	28.43 1.58 -2.97	21.95 1.27 -0.18	20.64 1.15 0.00
GLENWOOD___5 23614	21.07 0.45 0.00	19.51 0.48 0.00	18.79 0.31 0.00	18.43 0.41 0.00	18.66 0.38 0.00	21.22 0.58 0.00	28.52 1.28 0.00	35.21 2.11 -1.55	31.14 1.54 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.26 1.11 0.00	19.15 1.02 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.26 1.38 -0.21	27.58 1.64 -1.90	32.61 1.95 -1.61	36.47 2.30 -2.61	33.17 2.04 -1.51	28.43 1.58 -2.97	21.95 1.27 -0.18	20.64 1.15 0.00
GLOBAL GREEN_PORT_GT1 23814	21.36 0.74 0.00	19.89 0.86 0.00	19.10 0.63 0.00	18.68 0.67 0.00	18.97 0.69 0.00	21.78 1.13 0.00	29.54 2.29 0.00	36.48 3.38 -1.56	31.82 2.22 0.00	24.38 1.72 0.00	21.58 1.54 0.00	20.51 1.36 0.00	19.29 1.16 0.00	18.70 1.19 0.00	18.23 1.16 0.00	18.97 1.26 0.00	21.68 1.79 -0.22	28.29 2.33 -1.91	33.73 3.05 -1.62	37.93 3.75 -2.63	34.13 2.99 -1.52	29.10 2.24 -2.98	22.53 1.85 -0.19	21.35 1.85 -0.01
GLOBE___DSASP 323697	19.79 -0.82 0.00	18.38 -0.65 0.00	17.96 -0.52 0.00	17.08 -0.94 0.00	17.40 -0.88 0.00	19.90 -0.74 0.00	25.01 -2.23 0.00	28.36 -3.19 0.00	26.85 -2.75 0.00	20.98 -1.68 0.00	18.58 -1.46 0.00	17.64 -1.51 0.00	16.70 -1.43 0.00	16.07 -1.44 0.00	15.70 -1.37 0.00	16.19 -1.52 0.00	17.92 -1.75 0.00	21.67 -2.38 0.00	25.43 -3.63 0.00	27.61 -3.94 0.00	25.35 -4.26 0.00	20.66 -3.22 0.00	18.23 -2.28 0.00	18.11 -1.38 0.00
GOETHSLN___LBMP 323567	20.66 0.04 0.00	19.07 0.04 0.00	18.46 -0.02 0.00	18.12 0.11 0.00	18.33 0.05 0.00	20.73 0.08 0.00	27.65 0.41 0.00	32.66 1.10 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.92 0.77 0.00	18.91 0.78 0.00	18.29 0.79 0.00	17.80 0.73 0.00	18.58 0.87 0.00	20.52 0.85 0.00	25.04 0.99 0.00	30.19 1.13 0.00	33.13 1.58 0.00	30.80 1.18 0.00	24.74 0.86 0.00	21.16 0.66 0.00	20.06 0.57 0.00
GOLAH___69_KV_TB 1_2 80279	20.66 0.04 0.00	19.15 0.11 0.00	18.64 0.17 0.00	17.85 -0.16 0.00	18.20 -0.07 0.00	20.71 0.06 0.00	26.53 -0.71 0.00	30.60 -0.95 0.00	28.77 -0.83 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.60 -0.56 0.00	17.57 -0.56 0.00	16.95 -0.56 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.94 -0.73 0.00	23.14 -0.91 0.00	27.43 -1.63 0.00	29.98 -1.58 0.00	27.72 -1.90 0.00	22.40 -1.48 0.00	19.58 -0.92 0.00	19.04 -0.45 0.00
GOODYEAR_LAKE_HYD 323669	21.27 0.66 0.00	19.64 0.61 0.00	19.03 0.55 0.00	18.57 0.56 0.00	18.82 0.55 0.00	21.41 0.76 0.00	28.36 1.12 0.00	33.19 1.64 0.00	30.93 1.33 0.00	23.61 0.95 0.00	20.80 0.76 0.00	19.88 0.73 0.00	18.78 0.65 0.00	18.12 0.61 0.00	17.65 0.58 0.00	18.35 0.64 0.00	20.38 0.71 0.00	24.99 0.94 0.00	30.22 1.16 0.00	33.13 1.58 0.00	30.83 1.21 0.00	24.79 0.91 0.00	21.28 0.78 0.00	20.23 0.74 0.00

GOUDEY___1 345031	21.05 0.43 0.00	19.43 0.40 0.00	18.88 0.41 0.00	18.32 0.31 0.00	18.60 0.33 0.00	21.16 0.52 0.00	27.68 0.44 0.00	32.18 0.63 0.00	30.02 0.41 0.00	23.09 0.43 0.00	20.34 0.30 0.00	19.40 0.25 0.00	18.37 0.24 0.00	17.72 0.21 0.00	17.27 0.20 0.00	17.91 0.19 0.00	19.85 0.18 0.00	24.20 0.14 0.00	29.09 0.03 0.00	31.81 0.25 0.00	29.50 -0.12 0.00	23.83 -0.05 0.00	20.58 0.08 0.00	19.69 0.19 0.00
GOUDEY___7 23579	21.07 0.45 0.00	19.45 0.42 0.00	18.90 0.42 0.00	18.34 0.32 0.00	18.62 0.35 0.00	21.18 0.54 0.00	27.71 0.46 0.00	32.21 0.66 0.00	30.05 0.44 0.00	23.11 0.45 0.00	20.36 0.32 0.00	19.42 0.27 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.29 0.22 0.00	17.93 0.21 0.00	19.87 0.20 0.00	24.22 0.17 0.00	29.12 0.06 0.00	31.84 0.28 0.00	29.53 -0.09 0.00	23.86 -0.02 0.00	20.58 0.08 0.00	19.69 0.19 0.00
GOUDEY___8 23580	21.05 0.43 0.00	19.43 0.40 0.00	18.88 0.41 0.00	18.32 0.31 0.00	18.60 0.33 0.00	21.16 0.52 0.00	27.68 0.44 0.00	32.18 0.63 0.00	30.02 0.41 0.00	23.09 0.43 0.00	20.34 0.30 0.00	19.40 0.25 0.00	18.37 0.24 0.00	17.72 0.21 0.00	17.27 0.20 0.00	17.91 0.19 0.00	19.85 0.18 0.00	24.20 0.14 0.00	29.09 0.03 0.00	31.81 0.25 0.00	29.50 -0.12 0.00	23.83 -0.05 0.00	20.58 0.08 0.00	19.69 0.19 0.00
GOWANUS_GT1_1 24077	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_2 24078	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_3 24079	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_4 24080	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_5 24084	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_6 24111	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_7 24112	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT1_8 24113	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT2_1 24114	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_2 24115	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_3 24116	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_4 24117	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00

GOWANUS_GT2_5 24118	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_6 24119	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_7 24120	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT2_8 24121	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_1 24122	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_2 24123	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_3 24124	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_4 24125	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_5 24126	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_6 24127	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_7 24128	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT3_8 24129	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
GOWANUS_GT4_1 24130	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_2 24131	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_3 24132	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00

GOWANUS_GT4_4 24133	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_5 24134	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_6 24135	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_7 24136	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GOWANUS_GT4_8 24137	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GREENBSH_115KV_TB3 55895	20.88 0.27 0.00	19.28 0.25 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.53 0.26 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.02 0.36 0.00	20.38 0.34 0.00	19.50 0.34 0.00	18.42 0.29 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.02 0.30 0.00	20.06 0.39 0.00	24.53 0.48 0.00	29.78 0.73 0.00	32.60 1.04 0.00	30.44 0.83 0.00	24.53 0.64 0.00	21.01 0.51 0.00	19.92 0.43 0.00
GREENDGE_115KV_TB5 80291	21.75 1.13 0.00	20.10 1.07 0.00	19.55 1.07 0.00	18.93 0.92 0.00	19.28 1.01 0.00	22.05 1.40 0.00	28.85 1.61 0.00	33.48 1.92 0.00	31.35 1.75 0.00	24.04 1.38 0.00	21.02 0.98 0.00	20.01 0.86 0.00	18.91 0.78 0.00	18.22 0.72 0.00	17.80 0.73 0.00	18.39 0.67 0.00	20.40 0.73 0.00	24.89 0.84 0.00	29.90 0.84 0.00	32.63 1.07 0.00	30.27 0.65 0.00	24.38 0.50 0.00	21.07 0.57 0.00	20.12 0.62 0.00
GREENIDGE___3 23582	21.75 1.13 0.00	20.10 1.07 0.00	19.55 1.07 0.00	18.93 0.92 0.00	19.28 1.01 0.00	22.05 1.40 0.00	28.85 1.61 0.00	33.48 1.92 0.00	31.35 1.75 0.00	24.04 1.38 0.00	21.02 0.98 0.00	20.01 0.86 0.00	18.91 0.78 0.00	18.22 0.72 0.00	17.80 0.73 0.00	18.39 0.67 0.00	20.40 0.73 0.00	24.89 0.84 0.00	29.90 0.84 0.00	32.63 1.07 0.00	30.27 0.65 0.00	24.38 0.50 0.00	21.07 0.57 0.00	20.12 0.62 0.00
GREENIDGE___4 23583	21.75 1.13 0.00	20.10 1.07 0.00	19.55 1.07 0.00	19.00 0.99 0.00	19.28 1.00 0.00	22.05 1.40 0.00	28.85 1.61 0.00	33.48 1.92 0.00	31.35 1.75 0.00	24.04 1.38 0.00	21.02 0.98 0.00	20.03 0.88 0.00	18.91 0.78 0.00	18.23 0.72 0.00	17.80 0.73 0.00	18.39 0.67 0.00	20.40 0.73 0.00	24.89 0.84 0.00	29.87 0.81 0.00	32.66 1.10 0.00	30.32 0.71 0.00	24.50 0.62 0.00	21.12 0.61 0.00	20.13 0.64 0.00
GREENLWN_69_KV_BK 3 55738	21.17 0.56 0.00	19.60 0.57 0.00	18.88 0.41 0.00	18.54 0.52 0.00	18.75 0.48 0.00	21.37 0.72 0.00	28.71 1.47 0.00	35.43 2.33 -1.55	31.29 1.69 0.00	24.04 1.38 0.00	21.30 1.26 0.00	20.34 1.19 0.00	19.20 1.07 0.00	18.59 1.09 0.00	18.11 1.04 0.00	18.89 1.17 0.00	21.36 1.48 -0.21	27.75 1.80 -1.90	32.85 2.18 -1.61	36.95 2.78 -2.62	33.38 2.25 -1.51	28.59 1.74 -2.97	22.07 1.39 -0.18	20.76 1.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00
GRISSOM___SOLAR 323813	22.39 1.77 0.00	20.65 1.62 0.00	20.03 1.55 0.00	19.53 1.51 0.00	19.77 1.50 0.00	22.56 1.92 0.00	30.13 2.89 0.00	35.30 3.75 0.00	32.62 3.02 0.00	24.56 1.90 0.00	21.44 1.40 0.00	20.44 1.28 0.00	19.29 1.16 0.00	18.58 1.07 0.00	18.14 1.08 0.00	18.92 1.21 0.00	21.28 1.61 0.00	26.34 2.29 0.00	32.14 3.08 0.00	35.24 3.69 0.00	32.90 3.29 0.00	26.34 2.46 0.00	22.53 2.03 0.00	21.19 1.70 0.00
GROVEVILLE___HYD 323602	20.99 0.37 0.00	19.34 0.30 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.04 0.39 0.00	28.06 0.82 0.00	32.97 1.42 0.00	30.58 0.98 0.00	23.39 0.73 0.00	20.68 0.64 0.00	19.77 0.61 0.00	18.71 0.58 0.00	18.08 0.58 0.00	17.63 0.56 0.00	18.37 0.66 0.00	20.42 0.75 0.00	24.99 0.94 0.00	30.25 1.19 0.00	33.26 1.70 0.00	30.98 1.36 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	20.99 0.37 0.00	19.39 0.36 0.00	18.84 0.37 0.00	18.27 0.25 0.00	18.57 0.29 0.00	21.02 0.37 0.00	27.52 0.27 0.00	32.02 0.47 0.00	29.93 0.33 0.00	22.93 0.27 0.00	20.22 0.18 0.00	19.31 0.15 0.00	18.26 0.13 0.00	17.63 0.12 0.00	17.20 0.14 0.00	17.81 0.09 0.00	19.73 0.06 0.00	24.12 0.07 0.00	29.00 -0.06 0.00	31.68 0.13 0.00	29.47 -0.15 0.00	23.74 -0.14 0.00	20.48 -0.02 0.00	19.57 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.82 -0.80 0.00	23.17 -0.72 0.00	19.78 -0.72 0.00	18.79 -0.70 0.00
HARDSCRABBLE_WT_PWR 323673	20.51 -0.10 0.00	18.94 -0.09 0.00	18.36 -0.11 0.00	17.89 -0.13 0.00	18.15 -0.13 0.00	20.54 -0.10 0.00	27.22 -0.03 0.00	31.68 0.13 0.00	29.66 0.06 0.00	22.66 0.00 0.00	20.06 0.02 0.00	19.19 0.04 0.00	18.13 0.00 0.00	17.51 0.00 0.00	17.05 -0.02 0.00	17.72 0.00 0.00	19.71 0.04 0.00	24.12 0.07 0.00	29.17 0.12 0.00	31.81 0.25 0.00	29.73 0.12 0.00	23.93 0.05 0.00	20.48 -0.02 0.00	19.40 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.86 0.25 0.00	19.24 0.21 0.00	18.62 0.15 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.95 0.31 0.00	27.90 0.65 0.00	32.81 1.26 0.00	30.46 0.86 0.00	23.36 0.70 0.00	20.66 0.62 0.00	19.77 0.61 0.00	18.73 0.60 0.00	18.12 0.61 0.00	17.65 0.58 0.00	18.39 0.67 0.00	20.42 0.75 0.00	24.94 0.89 0.00	30.13 1.08 0.00	33.13 1.58 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.10 0.60 0.00
HARSNRAD_115KV_TB1 81005	20.26 -0.35 0.00	18.86 -0.17 0.00	18.42 -0.06 0.00	17.53 -0.49 0.00	17.85 -0.42 0.00	20.42 -0.23 0.00	25.69 -1.55 0.00	29.19 -2.37 0.00	27.62 -1.98 0.00	21.53 -1.13 0.00	19.04 -1.00 0.00	18.06 -1.09 0.00	17.10 -1.03 0.00	16.46 -1.05 0.00	16.06 -1.01 0.00	16.57 -1.15 0.00	18.35 -1.32 0.00	22.25 -1.80 0.00	26.12 -2.93 0.00	28.40 -3.16 0.00	26.03 -3.58 0.00	21.18 -2.70 0.00	18.66 -1.85 0.00	18.52 -0.97 0.00
HARZA MOOSE___RIVER 24016	20.84 0.23 0.00	19.22 0.19 0.00	18.64 0.17 0.00	18.18 0.16 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.71 0.46 0.00	32.34 0.79 0.00	30.10 0.50 0.00	22.89 0.23 0.00	20.18 0.14 0.00	19.25 0.10 0.00	18.15 0.02 0.00	17.51 0.00 0.00	17.03 -0.03 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.20 0.14 0.00	29.35 0.29 0.00	32.12 0.57 0.00	29.85 0.24 0.00	23.95 0.07 0.00	20.48 -0.02 0.00	19.53 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.70 0.08 0.00	19.11 0.08 0.00	18.57 0.09 0.00	18.01 0.00 0.00	18.31 0.04 0.00	20.64 0.00 0.00	27.02 -0.22 0.00	31.49 -0.06 0.00	29.42 -0.18 0.00	22.57 -0.09 0.00	19.94 -0.10 0.00	19.04 -0.11 0.00	18.02 -0.11 0.00	17.40 -0.09 0.00	16.98 -0.09 0.00	17.57 -0.14 0.00	19.47 -0.20 0.00	23.79 -0.26 0.00	28.59 -0.46 0.00	31.21 -0.35 0.00	29.05 -0.56 0.00	23.43 -0.45 0.00	20.19 -0.31 0.00	19.30 -0.19 0.00
HELLGATE_13_KV_LD 55870	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.81 0.17 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.34 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.21 0.72 0.00
HEMPSTEAD___ 23647	20.92 0.31 0.00	19.36 0.32 0.00	18.66 0.18 0.00	18.27 0.25 0.00	18.53 0.26 0.00	21.08 0.43 0.00	28.34 1.09 0.00	34.97 1.86 -1.56	30.87 1.27 0.00	23.75 1.09 0.00	21.06 1.02 0.00	20.11 0.96 0.00	19.00 0.87 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.67 0.96 0.00	21.13 1.24 -0.22	27.42 1.47 -1.91	32.42 1.74 -1.62	36.39 2.21 -2.62	32.97 1.84 -1.52	28.17 1.31 -2.98	21.79 1.11 -0.19	20.52 1.01 -0.01
HEWLETT__69_KV_BK3 55828	21.09 0.47 0.00	19.53 0.49 0.00	18.81 0.33 0.00	18.45 0.43 0.00	18.66 0.38 0.00	21.24 0.60 0.00	28.52 1.28 0.00	35.09 1.99 -1.55	31.05 1.45 0.00	23.91 1.25 0.00	21.16 1.12 0.00	20.23 1.07 0.00	19.11 0.98 0.00	18.49 0.98 0.00	18.00 0.94 0.00	18.78 1.06 0.00	21.22 1.34 -0.21	27.54 1.59 -1.90	32.49 1.83 -1.61	36.56 2.40 -2.61	33.05 1.92 -1.51	28.38 1.53 -2.97	21.95 1.27 -0.18	20.62 1.13 0.00
HICKLING___1 23621	21.48 0.87 0.00	19.87 0.84 0.00	19.32 0.85 0.00	18.70 0.68 0.00	19.01 0.73 0.00	21.76 1.11 0.00	28.33 1.09 0.00	32.91 1.36 0.00	30.70 1.10 0.00	23.66 1.00 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.71 0.58 0.00	18.03 0.53 0.00	17.58 0.51 0.00	18.18 0.46 0.00	20.12 0.45 0.00	24.46 0.41 0.00	29.29 0.23 0.00	32.06 0.50 0.00	29.61 0.00 0.00	23.95 0.07 0.00	20.75 0.25 0.00	19.86 0.37 0.00
HICKLING___2 23622	21.48 0.87 0.00	19.87 0.84 0.00	19.32 0.85 0.00	18.70 0.68 0.00	19.01 0.73 0.00	21.76 1.11 0.00	28.33 1.09 0.00	32.91 1.36 0.00	30.70 1.10 0.00	23.66 1.00 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.71 0.58 0.00	18.03 0.53 0.00	17.58 0.51 0.00	18.18 0.46 0.00	20.12 0.45 0.00	24.46 0.41 0.00	29.29 0.23 0.00	32.06 0.50 0.00	29.61 0.00 0.00	23.95 0.07 0.00	20.75 0.25 0.00	19.86 0.37 0.00
HIGH FALLS___HY 23754	20.88 0.27 0.00	19.24 0.21 0.00	18.62 0.15 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.95 0.31 0.00	27.92 0.68 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.30 0.63 0.00	20.58 0.54 0.00	19.67 0.52 0.00	18.64 0.51 0.00	18.05 0.54 0.00	17.58 0.51 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.97 0.91 0.00	30.19 1.13 0.00	33.26 1.70 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
HILLBURN___GT 23639	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.18 0.16 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.84 0.60 0.00	32.78 1.23 0.00	30.43 0.83 0.00	23.41 0.75 0.00	20.70 0.66 0.00	19.82 0.67 0.00	18.80 0.67 0.00	18.17 0.67 0.00	17.70 0.63 0.00	18.44 0.73 0.00	20.46 0.79 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.19 0.00	24.69 0.81 0.00	21.20 0.70 0.00	20.10 0.60 0.00
HILLSIDE_115KV_TB1 80332	21.15 0.54 0.00	19.56 0.53 0.00	19.01 0.54 0.00	18.41 0.40 0.00	18.69 0.42 0.00	21.39 0.74 0.00	27.79 0.54 0.00	32.25 0.69 0.00	30.10 0.50 0.00	23.25 0.59 0.00	20.42 0.38 0.00	19.44 0.29 0.00	18.40 0.27 0.00	17.73 0.23 0.00	17.30 0.24 0.00	17.91 0.19 0.00	19.79 0.12 0.00	24.05 0.00 0.00	28.80 -0.26 0.00	31.49 -0.06 0.00	29.08 -0.53 0.00	23.57 -0.31 0.00	20.42 -0.08 0.00	19.59 0.10 0.00

HISHELDN_WT_PWR 323625	20.49 -0.12 0.00	19.05 0.02 0.00	18.60 0.13 0.00	17.94 -0.07 0.00	18.04 -0.24 0.00	20.69 0.04 0.00	26.10 -1.14 0.00	29.72 -1.83 0.00	28.09 -1.51 0.00	21.89 -0.77 0.00	19.36 -0.68 0.00	18.41 -0.75 0.00	17.37 -0.76 0.00	16.72 -0.79 0.00	16.32 -0.75 0.00	16.83 -0.89 0.00	18.67 -1.00 0.00	22.61 -1.44 0.00	26.59 -2.47 0.00	28.87 -2.68 0.00	26.50 -3.11 0.00	21.73 -2.15 0.00	18.90 -1.60 0.00	18.65 -0.84 0.00
HOLTSVILLE_IC_1 23690	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
HOLTSVILLE_IC_10 23699	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.14 1.54 0.00	23.91 1.25 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.29 1.40 -0.22	27.74 1.78 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
HOLTSVILLE_IC_2 23691	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
HOLTSVILLE_IC_3 23692	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
HOLTSVILLE_IC_4 23693	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
HOLTSVILLE_IC_5 23694	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
HOLTSVILLE_IC_6 23695	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.14 1.54 0.00	23.91 1.25 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.29 1.40 -0.22	27.74 1.78 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
HOLTSVILLE_IC_7 23696	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.14 1.54 0.00	23.91 1.25 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.29 1.40 -0.22	27.74 1.78 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
HOLTSVILLE_IC_8 23697	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.14 1.54 0.00	23.91 1.25 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.29 1.40 -0.22	27.74 1.78 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
HOLTSVILLE_IC_9 23698	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.14 1.54 0.00	23.91 1.25 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.29 1.40 -0.22	27.74 1.78 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
HOMER_HL_115KV_TB2 355744	21.27 0.66 0.00	19.74 0.70 0.00	19.25 0.78 0.00	18.45 0.43 0.00	18.73 0.46 0.00	21.64 0.99 0.00	27.46 0.22 0.00	31.46 -0.09 0.00	29.51 -0.09 0.00	23.05 0.39 0.00	20.30 0.26 0.00	19.25 0.10 0.00	18.22 0.09 0.00	17.52 0.02 0.00	17.07 0.00 0.00	17.65 -0.07 0.00	19.67 0.00 0.00	23.71 -0.34 0.00	28.07 -0.99 0.00	30.64 -0.92 0.00	27.99 -1.63 0.00	22.81 -1.07 0.00	19.95 -0.55 0.00	19.49 0.00 0.00
HOWARD_WT_PWR 323690	21.85 1.24 0.00	20.23 1.20 0.00	19.71 1.24 0.00	19.15 1.14 0.00	19.41 1.13 0.00	22.28 1.63 0.00	29.07 1.83 0.00	33.79 2.24 0.00	31.47 1.87 0.00	24.16 1.50 0.00	21.12 1.08 0.00	20.13 0.98 0.00	19.00 0.87 0.00	18.31 0.81 0.00	17.87 0.80 0.00	18.46 0.74 0.00	20.46 0.79 0.00	24.97 0.91 0.00	29.90 0.84 0.00	32.69 1.13 0.00	30.18 0.56 0.00	24.36 0.48 0.00	21.01 0.51 0.00	20.04 0.55 0.00
HQ_GEN_CEDARS 23644	20.53 -0.08 0.00	18.96 -0.08 0.00	18.42 -0.06 0.00	17.96 -0.05 0.00	18.24 -0.04 0.00	20.64 0.00 0.00	27.27 0.03 0.00	31.30 -0.25 0.00	29.60 0.00 0.00	22.62 -0.05 0.00	20.00 -0.04 0.00	19.08 -0.08 0.00	18.06 -0.07 0.00	17.42 -0.09 0.00	16.96 -0.10 0.00	17.61 -0.11 0.00	19.61 -0.06 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.18 -0.38 0.00	29.58 -0.03 0.00	23.93 0.05 0.00	20.50 0.00 0.00	19.41 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	20.53 -0.08 0.00	18.96 -0.08 0.00	18.42 -0.06 0.00	17.96 -0.05 0.00	18.13 -0.04 0.11	20.75 0.00 -0.11	28.08 0.03 -0.81	30.49 -0.25 0.81	29.35 0.00 0.25	22.86 -0.05 -0.25	20.00 -0.04 0.00	19.08 -0.08 0.00	18.06 -0.07 0.00	17.42 -0.09 0.00	16.96 -0.10 0.00	17.61 -0.11 0.00	19.61 -0.06 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.18 -0.38 0.00	28.69 -0.03 0.90	24.80 0.02 -0.90	20.50 0.00 0.00	19.41 -0.08 0.00

HQ_GEN_IMPORT 323601	20.59 -0.02 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.16 0.00 0.11	20.77 0.02 -0.11	28.53 0.03 -1.26	30.04 -0.25 1.26	29.35 0.00 0.25	22.91 0.00 -0.25	20.04 0.00 0.00	19.13 -0.02 0.00	18.11 -0.02 0.00	17.49 -0.02 0.00	17.05 -0.02 0.00	17.70 -0.02 0.00	19.67 0.00 0.00	24.08 0.02 0.00	30.01 0.00 -0.95	30.04 -0.28 1.23	29.03 0.03 0.62	24.80 0.02 -0.90	20.52 0.02 0.00	19.49 0.00 0.00
HQ_GEN_WHEEL 23651	20.59 -0.02 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.16 0.00 0.11	20.77 0.02 -0.11	28.53 0.03 -1.26	30.04 -0.25 1.26	29.35 0.00 0.25	22.91 0.00 -0.25	20.04 0.00 0.00	19.13 -0.02 0.00	18.11 -0.02 0.00	17.49 -0.02 0.00	17.05 -0.02 0.00	17.70 -0.02 0.00	19.67 0.00 0.00	24.08 0.02 0.00	30.01 0.00 -0.95	30.04 -0.28 1.23	29.03 0.03 0.62	24.80 0.02 -0.90	20.52 0.02 0.00	19.49 0.00 0.00
HUDSON AVE_GT_3 23810	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.40 0.89 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
HUDSON AVE_GT_4 23540	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.40 0.89 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
HUDSON AVE_GT_5 23657	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.40 0.89 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
HUDSON_AVE_10 24168	20.76 0.14 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.82 0.57 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.82 0.78 0.00	20.01 0.86 0.00	18.98 0.85 0.00	18.38 0.88 0.00	17.89 0.82 0.00	18.66 0.94 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.35 1.80 0.00	31.01 1.39 0.00	24.88 1.00 0.00	21.26 0.76 0.00	20.16 0.66 0.00
HUDSON___115KV_TB 4 355613	21.23 0.62 0.00	19.58 0.55 0.00	19.01 0.54 0.00	18.57 0.56 0.00	18.80 0.53 0.00	21.31 0.66 0.00	28.36 1.12 0.00	33.03 1.48 0.00	30.64 1.04 0.00	23.20 0.54 0.00	20.50 0.46 0.00	19.56 0.40 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.07 0.35 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.13 1.08 0.00	33.04 1.48 0.00	30.89 1.27 0.00	24.86 0.98 0.00	21.28 0.78 0.00	20.17 0.68 0.00
HUNTER MOUNT___DRP 323613	21.38 0.76 0.00	19.72 0.69 0.00	19.14 0.67 0.00	18.68 0.67 0.00	18.93 0.66 0.00	21.45 0.81 0.00	28.58 1.33 0.00	33.22 1.67 0.00	30.79 1.18 0.00	23.25 0.59 0.00	20.50 0.46 0.00	19.54 0.38 0.00	18.42 0.29 0.00	17.77 0.26 0.00	17.32 0.26 0.00	18.02 0.30 0.00	20.14 0.47 0.00	24.75 0.70 0.00	30.19 1.13 0.00	33.13 1.58 0.00	31.01 1.39 0.00	24.96 1.07 0.00	21.36 0.86 0.00	20.25 0.76 0.00
HUNTINGTON_RES_REC 323705	21.11 0.49 0.00	19.56 0.53 0.00	18.84 0.37 0.00	18.43 0.41 0.00	18.70 0.42 0.00	21.35 0.70 0.00	28.74 1.50 0.00	35.50 2.40 -1.56	31.26 1.66 0.00	24.00 1.34 0.00	21.26 1.22 0.00	20.28 1.13 0.00	19.13 1.00 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.35 1.46 -0.22	27.76 1.80 -1.91	32.92 2.24 -1.62	37.02 2.84 -2.63	33.45 2.31 -1.52	28.53 1.67 -2.98	22.08 1.39 -0.19	20.81 1.31 -0.01
HUNTLEY___63 23557	20.41 -0.21 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.96 -0.31 0.00	20.58 -0.06 0.00	25.91 -1.33 0.00	29.44 -2.11 0.00	27.88 -1.72 0.00	21.71 -0.95 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.24 -0.89 0.00	16.60 -0.91 0.00	16.18 -0.89 0.00	16.71 -1.01 0.00	18.51 -1.16 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.62 -2.93 0.00	26.21 -3.41 0.00	21.35 -2.53 0.00	18.78 -1.72 0.00	18.62 -0.88 0.00
HUNTLEY___64 23558	20.41 -0.21 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.96 -0.31 0.00	20.58 -0.06 0.00	25.91 -1.33 0.00	29.44 -2.11 0.00	27.88 -1.72 0.00	21.71 -0.95 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.24 -0.89 0.00	16.60 -0.91 0.00	16.18 -0.89 0.00	16.71 -1.01 0.00	18.51 -1.16 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.62 -2.93 0.00	26.21 -3.41 0.00	21.35 -2.53 0.00	18.78 -1.72 0.00	18.62 -0.88 0.00
HUNTLEY___65 23559	20.41 -0.21 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.96 -0.31 0.00	20.58 -0.06 0.00	25.91 -1.33 0.00	29.44 -2.11 0.00	27.88 -1.72 0.00	21.71 -0.95 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.24 -0.89 0.00	16.60 -0.91 0.00	16.18 -0.89 0.00	16.71 -1.01 0.00	18.51 -1.16 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.62 -2.93 0.00	26.21 -3.41 0.00	21.35 -2.53 0.00	18.78 -1.72 0.00	18.62 -0.88 0.00
HUNTLEY___66 23560	20.41 -0.21 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.96 -0.31 0.00	20.58 -0.06 0.00	25.91 -1.33 0.00	29.44 -2.11 0.00	27.88 -1.72 0.00	21.71 -0.95 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.24 -0.89 0.00	16.60 -0.91 0.00	16.18 -0.89 0.00	16.71 -1.01 0.00	18.51 -1.16 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.62 -2.93 0.00	26.21 -3.41 0.00	21.35 -2.53 0.00	18.78 -1.72 0.00	18.62 -0.88 0.00
HUNTLEY___67 23561	20.39 -0.23 0.00	18.94 -0.10 0.00	18.49 0.02 0.00	17.62 -0.40 0.00	17.93 -0.35 0.00	20.54 -0.10 0.00	25.88 -1.36 0.00	29.47 -2.08 0.00	27.83 -1.78 0.00	21.73 -0.93 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.26 -0.87 0.00	16.61 -0.89 0.00	16.21 -0.85 0.00	16.72 -0.99 0.00	18.53 -1.14 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.65 -2.90 0.00	26.27 -3.35 0.00	21.37 -2.51 0.00	18.82 -1.68 0.00	18.63 -0.86 0.00
HUNTLEY___68 23562	20.39 -0.23 0.00	18.94 -0.10 0.00	18.49 0.02 0.00	17.62 -0.40 0.00	17.93 -0.35 0.00	20.54 -0.10 0.00	25.88 -1.36 0.00	29.47 -2.08 0.00	27.83 -1.78 0.00	21.73 -0.93 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.26 -0.87 0.00	16.61 -0.89 0.00	16.21 -0.85 0.00	16.72 -0.99 0.00	18.53 -1.14 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.65 -2.90 0.00	26.27 -3.35 0.00	21.37 -2.51 0.00	18.82 -1.68 0.00	18.63 -0.86 0.00

HYLAND___LFGE 323620	21.71 1.09 0.00	20.12 1.08 0.00	19.58 1.11 0.00	18.97 0.95 0.00	19.22 0.95 0.00	22.01 1.36 0.00	28.47 1.23 0.00	32.97 1.42 0.00	30.40 0.80 0.00	23.09 0.43 0.00	20.20 0.16 0.00	19.11 -0.04 0.00	18.06 -0.07 0.00	17.47 -0.03 0.00	17.12 0.05 0.00	17.70 -0.02 0.00	19.63 -0.04 0.00	24.39 0.34 0.00	29.26 0.20 0.00	32.41 0.85 0.00	30.03 0.41 0.00	24.24 0.36 0.00	20.91 0.41 0.00	20.02 0.53 0.00
INDECK___CORINTH 23802	21.13 0.52 0.00	19.49 0.46 0.00	18.90 0.43 0.00	18.43 0.41 0.00	18.70 0.42 0.00	21.22 0.58 0.00	28.30 1.06 0.00	33.07 1.51 0.00	30.75 1.15 0.00	23.29 0.63 0.00	20.60 0.56 0.00	19.65 0.50 0.00	18.53 0.40 0.00	17.86 0.35 0.00	17.39 0.32 0.00	18.04 0.32 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.86 1.24 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.04 0.55 0.00
INDECK___ILION 23567	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.67 0.02 0.00	27.32 0.08 0.00	31.77 0.22 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.21 0.06 0.00	18.17 0.04 0.00	17.54 0.04 0.00	17.10 0.03 0.00	17.75 0.04 0.00	19.75 0.08 0.00	24.17 0.12 0.00	29.23 0.17 0.00	31.87 0.32 0.00	29.82 0.21 0.00	24.00 0.12 0.00	20.58 0.08 0.00	19.53 0.04 0.00
INDECK___OLEAN 23982	21.27 0.66 0.00	19.74 0.70 0.00	19.25 0.78 0.00	18.61 0.59 0.00	18.73 0.46 0.00	21.64 0.99 0.00	27.46 0.22 0.00	31.46 -0.09 0.00	29.51 -0.09 0.00	23.02 0.36 0.00	20.30 0.26 0.00	19.31 0.15 0.00	18.22 0.09 0.00	17.52 0.02 0.00	17.07 0.00 0.00	17.63 -0.09 0.00	19.67 0.00 0.00	23.74 -0.31 0.00	28.07 -0.99 0.00	30.70 -0.85 0.00	28.10 -1.51 0.00	22.93 -0.96 0.00	20.03 -0.47 0.00	19.49 0.00 0.00
INDECK___OSWEGO 23783	20.39 -0.23 0.00	18.82 -0.21 0.00	18.29 -0.18 0.00	17.80 -0.22 0.00	18.06 -0.22 0.00	20.27 -0.37 0.00	26.59 -0.65 0.00	30.92 -0.63 0.00	28.89 -0.71 0.00	22.16 -0.50 0.00	19.60 -0.44 0.00	18.73 -0.42 0.00	17.73 -0.40 0.00	17.12 -0.39 0.00	16.71 -0.36 0.00	17.29 -0.43 0.00	19.14 -0.53 0.00	23.40 -0.65 0.00	28.21 -0.84 0.00	30.80 -0.76 0.00	28.73 -0.89 0.00	23.19 -0.69 0.00	19.95 -0.55 0.00	19.02 -0.47 0.00
INDECK___YERKES 23781	20.45 -0.17 0.00	18.99 -0.04 0.00	18.57 0.09 0.00	17.89 -0.13 0.00	18.00 -0.27 0.00	20.60 -0.04 0.00	25.94 -1.31 0.00	29.47 -2.08 0.00	27.94 -1.66 0.00	21.73 -0.93 0.00	19.24 -0.80 0.00	18.29 -0.86 0.00	17.28 -0.85 0.00	16.61 -0.89 0.00	16.20 -0.87 0.00	16.71 -1.01 0.00	18.53 -1.14 0.00	22.46 -1.59 0.00	26.38 -2.67 0.00	28.68 -2.87 0.00	26.39 -3.23 0.00	21.73 -2.15 0.00	18.90 -1.60 0.00	18.60 -0.90 0.00
INDIAN POINT_GT_1 24139	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.82 0.57 0.00	32.75 1.20 0.00	30.43 0.83 0.00	23.36 0.70 0.00	20.68 0.64 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.68 0.61 0.00	18.44 0.73 0.00	20.44 0.77 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.18 0.00	24.79 0.91 0.00	21.20 0.70 0.00	20.10 0.60 0.00
INDIAN POINT_GT_2 23659	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.82 0.57 0.00	32.75 1.20 0.00	30.43 0.83 0.00	23.36 0.70 0.00	20.68 0.64 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.68 0.61 0.00	18.44 0.73 0.00	20.44 0.77 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.18 0.00	24.79 0.91 0.00	21.20 0.70 0.00	20.10 0.60 0.00
INDIAN POINT_GT_3 24019	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.82 0.57 0.00	32.75 1.20 0.00	30.43 0.83 0.00	23.36 0.70 0.00	20.68 0.64 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.68 0.61 0.00	18.44 0.73 0.00	20.44 0.77 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.18 0.00	24.79 0.91 0.00	21.20 0.70 0.00	20.10 0.60 0.00
INDIAN POINT___2 23530	20.78 0.16 0.00	19.17 0.13 0.00	18.55 0.07 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.16 0.65 0.00	17.68 0.61 0.00	18.43 0.71 0.00	20.44 0.77 0.00	24.94 0.89 0.00	30.13 1.08 0.00	33.10 1.55 0.00	30.77 1.15 0.00	24.67 0.79 0.00	21.16 0.66 0.00	20.08 0.58 0.00
INDIAN POINT___3 23531	20.78 0.16 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.82 0.57 0.00	32.72 1.17 0.00	30.40 0.80 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.68 0.61 0.00	18.43 0.71 0.00	20.44 0.77 0.00	24.94 0.89 0.00	30.13 1.08 0.00	33.10 1.55 0.00	30.77 1.15 0.00	24.77 0.88 0.00	21.18 0.68 0.00	20.08 0.58 0.00
INGHAM_C_115KV_TB7 356103	20.49 -0.12 0.00	18.92 -0.11 0.00	18.35 -0.13 0.00	17.89 -0.13 0.00	18.15 -0.13 0.00	20.52 -0.12 0.00	27.19 -0.05 0.00	31.61 0.06 0.00	29.60 0.00 0.00	22.59 -0.07 0.00	20.00 -0.04 0.00	19.13 -0.02 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.05 0.00 0.00	29.12 0.06 0.00	31.74 0.19 0.00	29.70 0.09 0.00	23.91 0.02 0.00	20.46 -0.04 0.00	19.38 -0.12 0.00
IP CORINTH___1 23988	21.13 0.52 0.00	19.49 0.46 0.00	18.90 0.42 0.00	18.46 0.45 0.00	18.69 0.42 0.00	21.22 0.58 0.00	28.31 1.06 0.00	33.07 1.51 0.00	30.76 1.15 0.00	23.30 0.63 0.00	20.60 0.56 0.00	19.67 0.52 0.00	18.55 0.42 0.00	17.86 0.35 0.00	17.39 0.32 0.00	18.04 0.32 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.89 1.27 0.00	24.81 0.93 0.00	21.24 0.74 0.00	20.02 0.53 0.00
IP___TICONDEROGA 23804	21.73 1.11 0.00	19.98 0.95 0.00	19.36 0.89 0.00	18.91 0.90 0.00	19.13 0.86 0.00	21.76 1.11 0.00	29.15 1.91 0.00	34.04 2.49 0.00	31.70 2.10 0.00	23.82 1.16 0.00	21.08 1.04 0.00	20.07 0.92 0.00	18.87 0.74 0.00	18.12 0.61 0.00	17.65 0.58 0.00	18.32 0.60 0.00	20.58 0.90 0.00	25.33 1.27 0.00	31.03 1.98 0.00	34.08 2.52 0.00	31.92 2.31 0.00	25.55 1.67 0.00	21.87 1.37 0.00	20.49 0.99 0.00
ISLIP_RES_REC 323679	21.07 0.45 0.00	19.56 0.53 0.00	18.82 0.35 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.39 0.74 0.00	28.88 1.63 0.00	35.69 2.59 -1.56	31.29 1.69 0.00	24.00 1.34 0.00	21.26 1.22 0.00	20.26 1.11 0.00	19.09 0.96 0.00	18.50 1.00 0.00	18.04 0.97 0.00	18.80 1.08 0.00	21.38 1.49 -0.22	27.86 1.90 -1.91	33.09 2.41 -1.62	37.24 3.06 -2.63	33.57 2.43 -1.52	28.63 1.77 -2.98	22.14 1.46 -0.19	20.91 1.40 -0.01

JAMAICA__27_KV_LOAD 355505	20.86 0.25 0.00	19.24 0.21 0.00	18.60 0.13 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.95 0.31 0.00	28.03 0.79 0.00	33.13 1.58 0.00	30.82 1.21 0.00	23.73 1.07 0.00	21.00 0.96 0.00	20.19 1.03 0.00	19.16 1.03 0.00	18.56 1.05 0.00	18.06 0.99 0.00	18.83 1.12 0.00	20.81 1.14 0.00	25.45 1.39 0.00	30.68 1.63 0.00	33.70 2.15 0.00	31.33 1.72 0.00	25.10 1.22 0.00	21.42 0.92 0.00	20.29 0.80 0.00
JANIS__SOLAR 323808	21.91 1.30 0.00	20.21 1.18 0.00	19.64 1.16 0.00	19.11 1.10 0.00	19.37 1.10 0.00	22.05 1.40 0.00	29.04 1.80 0.00	33.95 2.40 0.00	31.41 1.81 0.00	23.82 1.16 0.00	20.80 0.76 0.00	19.80 0.65 0.00	18.66 0.53 0.00	17.98 0.47 0.00	17.53 0.46 0.00	18.20 0.48 0.00	20.32 0.65 0.00	25.06 1.01 0.00	30.33 1.28 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.98 1.10 0.00	21.46 0.96 0.00	20.45 0.95 0.00
JARVIS____ 23743	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.64 0.00 0.00	27.30 0.05 0.00	31.71 0.16 0.00	29.66 0.06 0.00	22.68 0.02 0.00	20.06 0.02 0.00	19.17 0.02 0.00	18.15 0.02 0.00	17.52 0.02 0.00	17.08 0.02 0.00	17.73 0.02 0.00	19.71 0.04 0.00	24.10 0.05 0.00	29.14 0.09 0.00	31.74 0.19 0.00	29.73 0.12 0.00	23.95 0.07 0.00	20.54 0.04 0.00	19.53 0.04 0.00
JENNISON____1 23625	21.87 1.26 0.00	20.17 1.14 0.00	19.58 1.11 0.00	19.04 1.03 0.00	19.33 1.06 0.00	22.03 1.38 0.00	29.10 1.85 0.00	34.08 2.52 0.00	31.64 2.04 0.00	24.09 1.43 0.00	21.10 1.06 0.00	20.11 0.96 0.00	18.95 0.82 0.00	18.26 0.75 0.00	17.78 0.72 0.00	18.44 0.73 0.00	20.54 0.87 0.00	25.28 1.23 0.00	30.54 1.48 0.00	33.57 2.02 0.00	31.12 1.51 0.00	25.05 1.17 0.00	21.55 1.05 0.00	20.56 1.07 0.00
JENNISON____2 23626	21.87 1.26 0.00	20.17 1.14 0.00	19.58 1.11 0.00	19.04 1.03 0.00	19.33 1.06 0.00	22.03 1.38 0.00	29.10 1.85 0.00	34.08 2.52 0.00	31.64 2.04 0.00	24.09 1.43 0.00	21.10 1.06 0.00	20.11 0.96 0.00	18.95 0.82 0.00	18.26 0.75 0.00	17.78 0.72 0.00	18.44 0.73 0.00	20.54 0.87 0.00	25.28 1.23 0.00	30.54 1.48 0.00	33.57 2.02 0.00	31.12 1.51 0.00	25.05 1.17 0.00	21.55 1.05 0.00	20.56 1.07 0.00
JERICOHO_RISE_WT_PWR 323719	21.01 0.39 0.00	19.37 0.34 0.00	18.86 0.39 0.00	18.37 0.36 0.00	18.66 0.38 0.00	21.14 0.49 0.00	27.68 0.43 0.00	31.74 0.19 0.00	29.99 0.38 0.00	22.98 0.32 0.00	20.30 0.26 0.00	19.36 0.21 0.00	18.29 0.16 0.00	17.66 0.16 0.00	17.19 0.12 0.00	17.89 0.18 0.00	19.95 0.28 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.68 0.13 0.00	30.09 0.47 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.82 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	20.92 0.31 0.00	19.28 0.25 0.00	18.66 0.18 0.00	18.30 0.29 0.00	18.49 0.22 0.00	20.95 0.31 0.00	27.95 0.71 0.00	32.94 1.39 0.00	30.61 1.01 0.00	23.43 0.77 0.00	20.74 0.70 0.00	19.84 0.69 0.00	18.80 0.67 0.00	18.15 0.65 0.00	17.71 0.65 0.00	18.46 0.74 0.00	20.50 0.83 0.00	25.09 1.03 0.00	30.28 1.22 0.00	33.29 1.74 0.00	30.98 1.36 0.00	24.91 1.03 0.00	21.28 0.78 0.00	20.17 0.68 0.00
KCE_NY_1 323755	21.15 0.54 0.00	19.51 0.48 0.00	18.92 0.44 0.00	18.46 0.45 0.00	18.73 0.46 0.00	21.22 0.58 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.27 0.61 0.00	20.58 0.54 0.00	19.65 0.50 0.00	18.56 0.43 0.00	17.89 0.38 0.00	17.44 0.37 0.00	18.11 0.39 0.00	20.20 0.53 0.00	24.77 0.72 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.80 1.19 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.10 0.60 0.00
KCE_NY_6_ESR 323823	20.76 0.15 0.00	19.28 0.25 0.00	18.82 0.35 0.00	18.16 0.14 0.00	18.26 -0.02 0.00	20.95 0.31 0.00	26.45 -0.79 0.00	30.13 -1.42 0.00	28.48 -1.12 0.00	22.16 -0.50 0.00	19.60 -0.44 0.00	18.64 -0.52 0.00	17.59 -0.54 0.00	16.93 -0.58 0.00	16.50 -0.56 0.00	17.04 -0.67 0.00	18.90 -0.77 0.00	22.87 -1.18 0.00	26.91 -2.15 0.00	29.28 -2.27 0.00	26.89 -2.72 0.00	22.09 -1.79 0.00	19.23 -1.27 0.00	18.91 -0.58 0.00
KEDC_PORT_JEFF_GT2 24210	21.01 0.39 0.00	19.51 0.48 0.00	18.77 0.29 0.00	18.36 0.34 0.00	18.64 0.37 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.17 1.57 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.21 1.05 0.00	19.04 0.91 0.00	18.45 0.94 0.00	17.99 0.92 0.00	18.74 1.03 0.00	21.29 1.40 -0.22	27.76 1.80 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
KEDC_PORT_JEFF_GT3 24211	21.01 0.39 0.00	19.51 0.48 0.00	18.77 0.29 0.00	18.36 0.34 0.00	18.64 0.37 0.00	21.30 0.66 0.00	28.77 1.52 0.00	35.54 2.43 -1.56	31.17 1.57 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.21 1.05 0.00	19.04 0.91 0.00	18.45 0.94 0.00	17.99 0.92 0.00	18.74 1.03 0.00	21.29 1.40 -0.22	27.76 1.80 -1.91	32.95 2.27 -1.62	37.05 2.87 -2.63	33.42 2.28 -1.52	28.51 1.65 -2.98	22.04 1.35 -0.19	20.83 1.33 -0.01
KEDC_GLWD_GT4 24219	21.07 0.45 0.00	19.51 0.48 0.00	18.79 0.31 0.00	18.39 0.38 0.00	18.66 0.38 0.00	21.22 0.58 0.00	28.53 1.28 0.00	35.22 2.11 -1.56	31.11 1.51 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.24 1.09 0.00	19.14 1.01 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.80 1.08 0.00	21.27 1.38 -0.22	27.59 1.64 -1.91	32.62 1.95 -1.62	36.42 2.24 -2.62	33.18 2.04 -1.52	28.34 1.48 -2.98	21.94 1.25 -0.19	20.65 1.15 -0.01
KEDC_GLWD_GT5 24220	21.07 0.45 0.00	19.51 0.48 0.00	18.79 0.31 0.00	18.39 0.38 0.00	18.66 0.38 0.00	21.22 0.58 0.00	28.53 1.28 0.00	35.22 2.11 -1.56	31.11 1.51 0.00	23.93 1.27 0.00	21.20 1.16 0.00	20.24 1.09 0.00	19.14 1.01 0.00	18.52 1.02 0.00	18.04 0.97 0.00	18.80 1.08 0.00	21.27 1.38 -0.22	27.59 1.64 -1.91	32.62 1.95 -1.62	36.42 2.24 -2.62	33.18 2.04 -1.52	28.34 1.48 -2.98	21.94 1.25 -0.19	20.65 1.15 -0.01
KENSICO____ 23655	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.91 0.27 0.00	27.87 0.63 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.41 0.75 0.00	20.74 0.70 0.00	19.88 0.73 0.00	18.84 0.71 0.00	18.22 0.72 0.00	17.75 0.68 0.00	18.50 0.78 0.00	20.50 0.83 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.23 1.67 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.94 0.33 0.00	19.30 0.27 0.00	18.68 0.20 0.00	18.30 0.29 0.00	18.51 0.24 0.00	21.02 0.37 0.00	28.01 0.76 0.00	32.91 1.36 0.00	30.55 0.95 0.00	23.32 0.66 0.00	20.60 0.56 0.00	19.69 0.54 0.00	18.64 0.51 0.00	18.05 0.54 0.00	17.58 0.51 0.00	18.34 0.62 0.00	20.40 0.73 0.00	24.99 0.94 0.00	30.25 1.19 0.00	33.32 1.77 0.00	31.04 1.42 0.00	24.96 1.07 0.00	21.32 0.82 0.00	20.23 0.74 0.00

KIAC_JFK_GT1 23816	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.95 0.71 0.00	33.03 1.48 0.00	30.73 1.12 0.00	23.66 1.00 0.00	20.94 0.90 0.00	20.13 0.98 0.00	19.11 0.98 0.00	18.51 1.00 0.00	18.00 0.94 0.00	18.78 1.06 0.00	20.75 1.08 0.00	25.37 1.32 0.00	30.60 1.54 0.00	33.61 2.05 0.00	31.21 1.60 0.00	25.03 1.15 0.00	21.36 0.86 0.00	20.23 0.74 0.00
KIAC_JFK_GT2 23817	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.95 0.71 0.00	33.03 1.48 0.00	30.73 1.12 0.00	23.66 1.00 0.00	20.94 0.90 0.00	20.13 0.98 0.00	19.11 0.98 0.00	18.51 1.00 0.00	18.00 0.94 0.00	18.78 1.06 0.00	20.75 1.08 0.00	25.37 1.32 0.00	30.60 1.54 0.00	33.61 2.05 0.00	31.21 1.60 0.00	25.03 1.15 0.00	21.36 0.86 0.00	20.23 0.74 0.00
KIAC_JFK____ 323774	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.18 0.16 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.95 0.71 0.00	33.03 1.48 0.00	30.73 1.12 0.00	23.66 1.00 0.00	20.94 0.90 0.00	20.13 0.98 0.00	19.11 0.98 0.00	18.50 1.00 0.00	18.00 0.94 0.00	18.78 1.06 0.00	20.75 1.08 0.00	25.37 1.32 0.00	30.60 1.54 0.00	33.60 2.05 0.00	31.21 1.60 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.25 0.76 0.00
KINTIGH____ 23543	20.14 -0.47 0.00	18.67 -0.36 0.00	18.22 -0.26 0.00	17.40 -0.61 0.00	17.73 -0.55 0.00	20.21 -0.43 0.00	25.66 -1.58 0.00	29.34 -2.21 0.00	27.68 -1.92 0.00	21.55 -1.11 0.00	19.06 -0.98 0.00	18.12 -1.03 0.00	17.15 -0.98 0.00	16.51 -1.00 0.00	16.13 -0.94 0.00	16.64 -1.08 0.00	18.43 -1.24 0.00	22.37 -1.68 0.00	26.38 -2.67 0.00	28.71 -2.84 0.00	26.45 -3.17 0.00	21.49 -2.39 0.00	18.84 -1.66 0.00	18.52 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.36 0.74 0.00	19.70 0.67 0.00	19.18 0.70 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.53 0.89 0.00	28.09 0.84 0.00	32.28 0.73 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.56 0.52 0.00	19.59 0.44 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.20 0.53 0.00	24.80 0.75 0.00	29.90 0.84 0.00	32.12 0.57 0.00	30.47 0.86 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.16 0.66 0.00
LACHUTE____HYDRO 323717	21.73 1.11 0.00	19.98 0.95 0.00	19.36 0.89 0.00	18.90 0.88 0.00	19.13 0.86 0.00	21.76 1.11 0.00	29.15 1.91 0.00	34.04 2.49 0.00	31.70 2.10 0.00	23.84 1.18 0.00	21.08 1.04 0.00	20.07 0.92 0.00	18.87 0.74 0.00	18.12 0.61 0.00	17.65 0.58 0.00	18.32 0.60 0.00	20.58 0.91 0.00	25.33 1.27 0.00	31.03 1.98 0.00	34.05 2.49 0.00	31.93 2.31 0.00	25.58 1.70 0.00	21.85 1.35 0.00	20.53 1.03 0.00
LAWRNCV_115KV_TB1 80681	20.10 -0.52 0.00	18.54 -0.49 0.00	18.01 -0.46 0.00	17.58 -0.43 0.00	17.85 -0.42 0.00	20.23 -0.41 0.00	26.78 -0.46 0.00	30.76 -0.79 0.00	29.07 -0.53 0.00	22.16 -0.50 0.00	19.60 -0.44 0.00	18.69 -0.46 0.00	17.68 -0.45 0.00	17.05 -0.46 0.00	16.57 -0.49 0.00	17.22 -0.50 0.00	19.18 -0.49 0.00	23.55 -0.51 0.00	28.48 -0.58 0.00	30.61 -0.95 0.00	29.08 -0.53 0.00	23.48 -0.41 0.00	20.09 -0.41 0.00	19.01 -0.49 0.00
LEDERLE____ 23769	20.86 0.25 0.00	19.24 0.21 0.00	18.62 0.15 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.97 0.33 0.00	27.92 0.68 0.00	32.88 1.33 0.00	30.52 0.92 0.00	23.45 0.79 0.00	20.76 0.72 0.00	19.88 0.73 0.00	18.84 0.71 0.00	18.21 0.70 0.00	17.75 0.68 0.00	18.50 0.78 0.00	20.52 0.85 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.26 1.70 0.00	30.89 1.27 0.00	24.86 0.98 0.00	21.28 0.78 0.00	20.14 0.64 0.00
LIGHTHSE_115KV_TB6 355974	20.43 -0.19 0.00	18.84 -0.19 0.00	18.31 -0.17 0.00	17.80 -0.22 0.00	18.07 -0.20 0.00	20.38 -0.27 0.00	26.75 -0.49 0.00	31.14 -0.41 0.00	28.98 -0.62 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.73 -0.42 0.00	17.71 -0.42 0.00	17.09 -0.42 0.00	16.64 -0.43 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.45 -0.60 0.00	28.33 -0.73 0.00	30.99 -0.57 0.00	28.87 -0.74 0.00	23.21 -0.67 0.00	19.95 -0.55 0.00	19.04 -0.45 0.00
LINDEN COGEN____ 23786	20.66 0.04 0.00	19.07 0.04 0.00	18.44 -0.04 0.00	18.07 0.05 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.65 0.41 0.00	32.66 1.10 0.00	30.34 0.74 0.00	23.36 0.70 0.00	20.72 0.68 0.00	19.88 0.73 0.00	18.89 0.76 0.00	18.30 0.79 0.00	17.80 0.73 0.00	18.57 0.85 0.00	20.50 0.83 0.00	25.04 0.99 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.77 1.15 0.00	24.65 0.76 0.00	21.14 0.64 0.00	20.04 0.55 0.00
LINDHRST_69_KV_BK1 356055	21.09 0.47 0.00	19.55 0.51 0.00	18.81 0.33 0.00	18.46 0.45 0.00	18.68 0.40 0.00	21.31 0.66 0.00	28.69 1.44 0.00	35.43 2.33 -1.55	31.20 1.60 0.00	23.98 1.31 0.00	21.24 1.20 0.00	20.26 1.11 0.00	19.13 1.00 0.00	18.51 1.00 0.00	18.04 0.97 0.00	18.82 1.10 0.00	21.32 1.44 -0.21	27.70 1.76 -1.90	32.85 2.18 -1.61	36.95 2.78 -2.62	33.38 2.25 -1.51	28.57 1.72 -2.97	22.05 1.37 -0.18	20.76 1.27 0.00
LIPA_MISC_IPP 23656	20.84 0.23 0.00	19.39 0.36 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.51 0.24 0.00	21.20 0.56 0.00	28.58 1.33 0.00	35.34 2.24 -1.55	30.93 1.33 0.00	23.70 1.04 0.00	21.02 0.98 0.00	20.05 0.90 0.00	18.89 0.76 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.60 0.89 0.00	21.12 1.24 -0.21	27.58 1.64 -1.90	32.82 2.15 -1.61	36.89 2.71 -2.62	33.23 2.10 -1.51	28.43 1.58 -2.97	21.91 1.23 -0.18	20.70 1.21 0.00
LISF__SOLAR 323691	20.86 0.25 0.00	19.39 0.36 0.00	18.64 0.17 0.00	18.25 0.23 0.00	18.53 0.26 0.00	21.22 0.58 0.00	28.69 1.44 0.00	35.41 2.30 -1.56	30.93 1.33 0.00	23.73 1.07 0.00	21.04 1.00 0.00	20.05 0.90 0.00	18.87 0.74 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.60 0.89 0.00	21.15 1.26 -0.22	27.62 1.66 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.27 2.13 -1.52	28.41 1.55 -2.98	21.94 1.25 -0.19	20.77 1.27 -0.01
LITTLE FALLS____HYD 24013	20.49 -0.12 0.00	18.92 -0.11 0.00	18.35 -0.13 0.00	17.89 -0.13 0.00	18.15 -0.13 0.00	20.52 -0.12 0.00	27.19 -0.05 0.00	31.61 0.06 0.00	29.60 0.00 0.00	22.59 -0.07 0.00	20.00 -0.04 0.00	19.13 -0.02 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.05 0.00 0.00	29.12 0.06 0.00	31.74 0.19 0.00	29.70 0.09 0.00	23.91 0.02 0.00	20.46 -0.04 0.00	19.38 -0.12 0.00
LITTLRIV_115KV_TB1 356100	20.26 -0.35 0.00	18.69 -0.34 0.00	18.16 -0.31 0.00	17.73 -0.29 0.00	18.02 -0.26 0.00	20.44 -0.21 0.00	27.11 -0.14 0.00	31.17 -0.38 0.00	29.42 -0.18 0.00	22.41 -0.25 0.00	19.82 -0.22 0.00	18.90 -0.25 0.00	17.84 -0.29 0.00	17.21 -0.30 0.00	16.72 -0.34 0.00	17.34 -0.37 0.00	19.32 -0.35 0.00	23.74 -0.31 0.00	28.74 -0.32 0.00	30.92 -0.63 0.00	29.41 -0.21 0.00	23.71 -0.17 0.00	20.30 -0.21 0.00	19.18 -0.31 0.00

LI_NEWBRDGE___DRP 323616	20.86 0.25 0.00	19.30 0.27 0.00	18.60 0.13 0.00	18.27 0.25 0.00	18.48 0.20 0.00	21.02 0.37 0.00	28.22 0.98 0.00	34.83 1.74 -1.55	30.76 1.15 0.00	23.64 0.97 0.00	20.94 0.90 0.00	20.03 0.88 0.00	18.93 0.80 0.00	18.31 0.81 0.00	17.83 0.77 0.00	18.60 0.89 0.00	20.98 1.10 -0.21	27.30 1.35 -1.90	32.27 1.60 -1.61	36.29 2.11 -2.62	32.82 1.69 -1.51	28.14 1.29 -2.97	21.70 1.03 -0.18	20.41 0.92 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.26 -0.35 0.00	18.84 -0.19 0.00	18.42 -0.06 0.00	17.51 -0.50 0.00	17.85 -0.42 0.00	20.40 -0.25 0.00	25.69 -1.55 0.00	29.19 -2.37 0.00	27.59 -2.01 0.00	21.51 -1.16 0.00	19.02 -1.02 0.00	18.04 -1.11 0.00	17.08 -1.05 0.00	16.44 -1.07 0.00	16.04 -1.02 0.00	16.55 -1.17 0.00	18.35 -1.32 0.00	22.25 -1.80 0.00	26.12 -2.93 0.00	28.40 -3.16 0.00	26.03 -3.58 0.00	21.21 -2.67 0.00	18.66 -1.85 0.00	18.50 -0.99 0.00
LOCKPORT___CC1 323769	20.26 -0.35 0.00	18.86 -0.17 0.00	18.42 -0.06 0.00	17.74 -0.27 0.00	17.82 -0.46 0.00	20.42 -0.23 0.00	25.69 -1.55 0.00	29.18 -2.37 0.00	27.65 -1.95 0.00	21.51 -1.15 0.00	19.04 -1.00 0.00	18.10 -1.05 0.00	17.10 -1.03 0.00	16.46 -1.05 0.00	16.06 -1.01 0.00	16.57 -1.15 0.00	18.35 -1.32 0.00	22.27 -1.78 0.00	26.15 -2.91 0.00	28.43 -3.12 0.00	26.18 -3.43 0.00	21.57 -2.32 0.00	18.76 -1.74 0.00	18.48 -1.01 0.00
LOCKPORT___CC2 323770	20.26 -0.35 0.00	18.86 -0.17 0.00	18.42 -0.06 0.00	17.74 -0.27 0.00	17.82 -0.46 0.00	20.42 -0.23 0.00	25.69 -1.55 0.00	29.18 -2.37 0.00	27.65 -1.95 0.00	21.51 -1.15 0.00	19.04 -1.00 0.00	18.10 -1.05 0.00	17.10 -1.03 0.00	16.46 -1.05 0.00	16.06 -1.01 0.00	16.57 -1.15 0.00	18.35 -1.32 0.00	22.27 -1.78 0.00	26.15 -2.91 0.00	28.43 -3.12 0.00	26.18 -3.43 0.00	21.57 -2.32 0.00	18.76 -1.74 0.00	18.48 -1.01 0.00
LOCKPORT___CC3 323771	20.26 -0.35 0.00	18.86 -0.17 0.00	18.42 -0.06 0.00	17.74 -0.27 0.00	17.82 -0.46 0.00	20.42 -0.23 0.00	25.69 -1.55 0.00	29.18 -2.37 0.00	27.65 -1.95 0.00	21.51 -1.15 0.00	19.04 -1.00 0.00	18.10 -1.05 0.00	17.10 -1.03 0.00	16.46 -1.05 0.00	16.06 -1.01 0.00	16.57 -1.15 0.00	18.35 -1.32 0.00	22.27 -1.78 0.00	26.15 -2.91 0.00	28.43 -3.12 0.00	26.18 -3.43 0.00	21.57 -2.32 0.00	18.76 -1.74 0.00	18.48 -1.01 0.00
LONG_LAKE_PHOENIX 24014	20.45 -0.16 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.82 -0.20 0.00	18.11 -0.16 0.00	20.36 -0.29 0.00	26.70 -0.54 0.00	31.05 -0.50 0.00	29.01 -0.59 0.00	22.25 -0.41 0.00	19.64 -0.40 0.00	18.77 -0.38 0.00	17.79 -0.34 0.00	17.17 -0.33 0.00	16.76 -0.31 0.00	17.33 -0.39 0.00	19.20 -0.47 0.00	23.47 -0.58 0.00	28.30 -0.76 0.00	30.89 -0.66 0.00	28.78 -0.83 0.00	23.19 -0.69 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
LOVETT___3 23632	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.66 0.60 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.92 0.87 0.00	30.10 1.05 0.00	33.07 1.51 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.06 0.57 0.00
LOVETT___4 23642	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.66 0.60 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.92 0.87 0.00	30.10 1.05 0.00	33.07 1.51 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.06 0.57 0.00
LOVETT___5 23593	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.66 0.60 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.92 0.87 0.00	30.10 1.05 0.00	33.07 1.51 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.06 0.57 0.00
LOWER RAQUET___HYD 24057	19.95 -0.66 0.00	18.40 -0.63 0.00	17.88 -0.59 0.00	17.44 -0.58 0.00	17.73 -0.55 0.00	20.11 -0.54 0.00	26.62 -0.63 0.00	30.61 -0.95 0.00	28.89 -0.71 0.00	22.03 -0.63 0.00	19.46 -0.58 0.00	18.56 -0.59 0.00	17.53 -0.60 0.00	16.93 -0.58 0.00	16.45 -0.61 0.00	17.08 -0.64 0.00	19.02 -0.65 0.00	23.38 -0.67 0.00	28.30 -0.76 0.00	30.42 -1.13 0.00	28.87 -0.74 0.00	23.31 -0.57 0.00	19.95 -0.55 0.00	18.85 -0.64 0.00
LOWER___HUDSON 24059	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.82 0.57 0.00	32.40 0.85 0.00	30.10 0.50 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.38 0.23 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.91 0.20 0.00	19.95 0.28 0.00	24.44 0.38 0.00	29.75 0.70 0.00	32.53 0.98 0.00	30.35 0.74 0.00	24.48 0.60 0.00	20.93 0.43 0.00	19.86 0.37 0.00
LOWVILLE_115KV_TB2 356335	20.68 0.06 0.00	19.05 0.02 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.29 0.02 0.00	20.73 0.08 0.00	27.49 0.25 0.00	32.06 0.50 0.00	29.78 0.18 0.00	22.62 -0.05 0.00	19.94 -0.10 0.00	19.00 -0.15 0.00	17.91 -0.22 0.00	17.26 -0.25 0.00	16.78 -0.29 0.00	17.42 -0.30 0.00	19.40 -0.28 0.00	23.96 -0.10 0.00	29.09 0.03 0.00	31.84 0.28 0.00	29.53 -0.09 0.00	23.62 -0.26 0.00	20.17 -0.33 0.00	19.26 -0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.13 0.52 0.00	19.49 0.46 0.00	18.92 0.44 0.00	18.48 0.47 0.00	18.71 0.44 0.00	21.22 0.58 0.00	28.22 0.98 0.00	32.91 1.36 0.00	30.61 1.01 0.00	23.25 0.59 0.00	20.58 0.54 0.00	19.65 0.50 0.00	18.55 0.42 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.11 0.39 0.00	20.20 0.53 0.00	24.77 0.72 0.00	30.13 1.08 0.00	32.97 1.42 0.00	30.83 1.21 0.00	24.79 0.91 0.00	21.24 0.74 0.00	20.08 0.58 0.00
LUTHERNY_35_KV_BK2 355980	21.15 0.54 0.00	19.51 0.48 0.00	18.92 0.44 0.00	18.48 0.47 0.00	18.73 0.46 0.00	21.22 0.58 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.27 0.61 0.00	20.58 0.54 0.00	19.65 0.50 0.00	18.56 0.44 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.11 0.39 0.00	20.20 0.53 0.00	24.77 0.72 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.24 0.74 0.00	20.10 0.60 0.00
LWR___OSWEGATCHIE_HYD 23850	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.81 -0.80 0.00	23.17 -0.72 0.00	19.80 -0.70 0.00	18.79 -0.70 0.00

LYONS_FALL_HYD 23570	20.84 0.23 0.00	19.22 0.19 0.00	18.64 0.17 0.00	18.18 0.16 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.71 0.46 0.00	32.34 0.79 0.00	30.10 0.50 0.00	22.89 0.23 0.00	20.18 0.14 0.00	19.25 0.10 0.00	18.15 0.02 0.00	17.51 0.00 0.00	17.03 -0.03 0.00	17.66 -0.05 0.00	19.65 -0.02 0.00	24.20 0.15 0.00	29.35 0.29 0.00	32.12 0.57 0.00	29.85 0.24 0.00	23.95 0.07 0.00	20.48 -0.02 0.00	19.53 0.04 0.00
MADISON___COUNTY_LFGE 323628	21.25 0.64 0.00	19.60 0.57 0.00	19.03 0.55 0.00	18.52 0.50 0.00	18.80 0.53 0.00	21.28 0.64 0.00	28.11 0.87 0.00	33.03 1.48 0.00	30.79 1.18 0.00	23.43 0.77 0.00	20.64 0.60 0.00	19.69 0.54 0.00	18.58 0.45 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.11 0.39 0.00	20.06 0.39 0.00	24.63 0.58 0.00	29.78 0.73 0.00	32.60 1.04 0.00	30.38 0.77 0.00	24.43 0.55 0.00	20.99 0.49 0.00	19.98 0.49 0.00
MALONE___115KV_TB1 356076	20.92 0.31 0.00	19.32 0.29 0.00	18.79 0.31 0.00	18.30 0.29 0.00	18.60 0.33 0.00	21.12 0.47 0.00	27.73 0.49 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.34 0.30 0.00	19.36 0.21 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.17 0.10 0.00	17.86 0.14 0.00	19.93 0.26 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.12 0.50 0.00	24.48 0.60 0.00	20.95 0.45 0.00	19.78 0.29 0.00
MAPLEWOD_115KV_TB3 80458	20.94 0.33 0.00	19.34 0.30 0.00	18.75 0.28 0.00	18.34 0.32 0.00	18.59 0.31 0.00	21.04 0.39 0.00	27.95 0.71 0.00	32.59 1.04 0.00	30.28 0.68 0.00	23.07 0.41 0.00	20.42 0.38 0.00	19.54 0.38 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.05 0.34 0.00	20.10 0.43 0.00	24.60 0.55 0.00	29.90 0.84 0.00	32.72 1.17 0.00	30.56 0.95 0.00	24.62 0.74 0.00	21.07 0.57 0.00	19.98 0.49 0.00
MAPLE RIDGE_WT_1 323574	20.41 -0.21 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.91 -0.11 0.00	18.20 -0.07 0.00	20.58 -0.06 0.00	27.19 -0.05 0.00	31.39 -0.16 0.00	29.54 -0.06 0.00	22.62 -0.05 0.00	20.00 -0.04 0.00	19.11 -0.04 0.00	18.09 -0.04 0.00	17.47 -0.03 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.63 -0.04 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.37 -0.19 0.00	29.55 -0.06 0.00	23.81 -0.07 0.00	20.40 -0.10 0.00	19.32 -0.18 0.00
MAPLE RIDGE_WT_2 323611	20.41 -0.21 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.91 -0.11 0.00	18.20 -0.07 0.00	20.58 -0.06 0.00	27.19 -0.05 0.00	31.39 -0.16 0.00	29.54 -0.06 0.00	22.62 -0.05 0.00	20.00 -0.04 0.00	19.11 -0.04 0.00	18.09 -0.04 0.00	17.47 -0.03 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.63 -0.04 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.37 -0.19 0.00	29.55 -0.06 0.00	23.81 -0.07 0.00	20.40 -0.10 0.00	19.32 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	21.07 0.45 0.00	19.43 0.40 0.00	18.92 0.44 0.00	18.43 0.41 0.00	18.71 0.44 0.00	21.20 0.56 0.00	27.71 0.46 0.00	31.80 0.25 0.00	30.05 0.44 0.00	23.00 0.34 0.00	20.32 0.28 0.00	19.38 0.23 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.20 0.14 0.00	17.91 0.20 0.00	19.97 0.30 0.00	24.48 0.43 0.00	29.55 0.49 0.00	31.74 0.19 0.00	30.12 0.50 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.88 0.39 0.00
MARSHVLE_115KV_TB1 80742	21.71 1.09 0.00	20.02 0.99 0.00	19.42 0.94 0.00	18.95 0.94 0.00	19.21 0.93 0.00	21.86 1.22 0.00	29.10 1.85 0.00	34.01 2.46 0.00	31.56 1.95 0.00	23.93 1.27 0.00	21.02 0.98 0.00	20.05 0.90 0.00	18.93 0.80 0.00	18.26 0.75 0.00	17.82 0.75 0.00	18.51 0.80 0.00	20.67 1.00 0.00	25.47 1.42 0.00	30.98 1.92 0.00	33.98 2.43 0.00	31.72 2.10 0.00	25.43 1.55 0.00	21.77 1.27 0.00	20.58 1.09 0.00
MARSH_HILL_WT_PWR 323713	21.83 1.22 0.00	20.23 1.20 0.00	19.69 1.22 0.00	19.15 1.14 0.00	19.39 1.11 0.00	22.26 1.61 0.00	29.07 1.83 0.00	33.79 2.24 0.00	31.47 1.87 0.00	24.16 1.50 0.00	21.12 1.08 0.00	20.13 0.98 0.00	19.02 0.89 0.00	18.31 0.81 0.00	17.87 0.80 0.00	18.48 0.76 0.00	20.46 0.79 0.00	24.97 0.91 0.00	29.93 0.87 0.00	32.72 1.17 0.00	30.21 0.59 0.00	24.38 0.50 0.00	21.03 0.53 0.00	20.06 0.57 0.00
MCINTYRE_115KV_TB2 80467	20.53 -0.08 0.00	18.96 -0.08 0.00	18.40 -0.07 0.00	17.96 -0.05 0.00	18.26 -0.02 0.00	20.73 0.08 0.00	27.46 0.22 0.00	31.58 0.03 0.00	29.81 0.21 0.00	22.66 0.00 0.00	20.06 0.02 0.00	19.13 -0.02 0.00	18.06 -0.07 0.00	17.42 -0.09 0.00	16.93 -0.14 0.00	17.56 -0.16 0.00	19.55 -0.12 0.00	24.03 -0.02 0.00	29.12 0.06 0.00	31.30 -0.25 0.00	29.79 0.18 0.00	24.03 0.14 0.00	20.56 0.06 0.00	19.43 -0.06 0.00
MECO_____69_KV_BK1 80468	22.39 1.77 0.00	20.65 1.62 0.00	20.03 1.55 0.00	19.53 1.51 0.00	19.77 1.50 0.00	22.56 1.92 0.00	30.13 2.89 0.00	35.31 3.75 0.00	32.62 3.02 0.00	24.56 1.90 0.00	21.44 1.40 0.00	20.44 1.28 0.00	19.29 1.16 0.00	18.58 1.07 0.00	18.14 1.08 0.00	18.92 1.20 0.00	21.28 1.61 0.00	26.34 2.28 0.00	32.14 3.08 0.00	35.21 3.66 0.00	32.90 3.29 0.00	26.29 2.41 0.00	22.53 2.03 0.00	21.17 1.68 0.00
MENANDS___115KV_TB5 355628	20.88 0.27 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.53 0.98 0.00	30.22 0.62 0.00	23.05 0.39 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.47 0.86 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
MG INDUSTRY___DRP 24185	20.99 0.37 0.00	19.39 0.36 0.00	18.83 0.35 0.00	18.39 0.38 0.00	18.62 0.35 0.00	21.08 0.43 0.00	27.95 0.71 0.00	32.53 0.98 0.00	30.25 0.65 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.50 0.34 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.02 0.30 0.00	20.04 0.37 0.00	24.53 0.48 0.00	29.78 0.73 0.00	32.56 1.01 0.00	30.41 0.80 0.00	24.53 0.64 0.00	21.01 0.51 0.00	19.94 0.45 0.00
MID___OSWEGATCHIE_HYD 23849	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.81 -0.80 0.00	23.17 -0.72 0.00	19.80 -0.70 0.00	18.79 -0.70 0.00
MID___RAQUETTE_HYD 23851	19.96 -0.66 0.00	18.40 -0.63 0.00	17.88 -0.59 0.00	17.46 -0.56 0.00	17.73 -0.55 0.00	20.11 -0.54 0.00	26.62 -0.63 0.00	30.60 -0.95 0.00	28.89 -0.71 0.00	22.03 -0.63 0.00	19.46 -0.58 0.00	18.56 -0.59 0.00	17.53 -0.60 0.00	16.93 -0.58 0.00	16.45 -0.61 0.00	17.08 -0.64 0.00	19.02 -0.65 0.00	23.38 -0.67 0.00	28.30 -0.76 0.00	30.42 -1.14 0.00	28.90 -0.71 0.00	23.33 -0.55 0.00	19.95 -0.55 0.00	18.87 -0.62 0.00

MILLIKEN___1 23584	21.32 0.70 0.00	19.68 0.65 0.00	19.12 0.65 0.00	18.55 0.54 0.00	18.86 0.58 0.00	21.39 0.74 0.00	28.06 0.82 0.00	32.72 1.17 0.00	30.46 0.86 0.00	23.32 0.66 0.00	20.48 0.44 0.00	19.54 0.38 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.39 0.32 0.00	18.02 0.30 0.00	20.01 0.33 0.00	24.51 0.46 0.00	29.49 0.44 0.00	32.31 0.76 0.00	30.03 0.41 0.00	24.19 0.31 0.00	20.85 0.35 0.00	19.90 0.41 0.00
MILLIKEN___2 23585	21.32 0.70 0.00	19.68 0.65 0.00	19.12 0.65 0.00	18.55 0.54 0.00	18.86 0.58 0.00	21.39 0.74 0.00	28.06 0.82 0.00	32.72 1.17 0.00	30.46 0.86 0.00	23.32 0.66 0.00	20.48 0.44 0.00	19.54 0.38 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.39 0.32 0.00	18.02 0.30 0.00	20.01 0.33 0.00	24.51 0.46 0.00	29.49 0.44 0.00	32.31 0.76 0.00	30.03 0.41 0.00	24.19 0.31 0.00	20.85 0.35 0.00	19.90 0.41 0.00
MILLIKEN___DIESEL 23629	21.32 0.70 0.00	19.68 0.65 0.00	19.12 0.65 0.00	18.55 0.54 0.00	18.86 0.58 0.00	21.39 0.74 0.00	28.06 0.82 0.00	32.72 1.17 0.00	30.46 0.86 0.00	23.32 0.66 0.00	20.48 0.44 0.00	19.54 0.38 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.39 0.32 0.00	18.02 0.30 0.00	20.01 0.33 0.00	24.51 0.46 0.00	29.49 0.44 0.00	32.31 0.76 0.00	30.03 0.41 0.00	24.19 0.31 0.00	20.85 0.35 0.00	19.90 0.41 0.00
MILLSEAT___LFGE 323607	20.53 -0.08 0.00	19.09 0.06 0.00	18.64 0.17 0.00	17.96 -0.05 0.00	18.07 -0.20 0.00	20.69 0.04 0.00	26.18 -1.06 0.00	30.01 -1.55 0.00	28.33 -1.27 0.00	21.91 -0.75 0.00	19.36 -0.68 0.00	18.37 -0.79 0.00	17.35 -0.78 0.00	16.70 -0.81 0.00	16.30 -0.77 0.00	16.79 -0.92 0.00	18.65 -1.02 0.00	22.68 -1.37 0.00	26.73 -2.33 0.00	29.13 -2.43 0.00	26.86 -2.75 0.00	22.04 -1.84 0.00	19.13 -1.37 0.00	18.75 -0.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.89 0.25 0.00	27.84 0.60 0.00	32.78 1.23 0.00	30.43 0.83 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.84 0.69 0.00	18.80 0.67 0.00	18.17 0.67 0.00	17.71 0.65 0.00	18.46 0.74 0.00	20.46 0.79 0.00	24.99 0.94 0.00	30.19 1.13 0.00	33.16 1.61 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.12 0.62 0.00
MILLWOOD_13_KV_LOAD 356217	20.86 0.25 0.00	19.24 0.21 0.00	18.60 0.13 0.00	18.25 0.23 0.00	18.46 0.18 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.43 0.77 0.00	20.74 0.70 0.00	19.86 0.71 0.00	18.82 0.69 0.00	18.19 0.68 0.00	17.73 0.67 0.00	18.48 0.76 0.00	20.52 0.85 0.00	25.06 1.01 0.00	30.25 1.19 0.00	33.26 1.70 0.00	30.92 1.30 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.16 0.66 0.00
MODEL_CITY_ENERGY 24167	20.04 -0.58 0.00	18.65 -0.38 0.00	18.23 -0.24 0.00	17.56 -0.45 0.00	17.62 -0.66 0.00	20.17 -0.47 0.00	25.36 -1.88 0.00	28.84 -2.71 0.00	27.29 -2.31 0.00	21.26 -1.41 0.00	18.82 -1.22 0.00	17.89 -1.26 0.00	16.90 -1.23 0.00	16.26 -1.24 0.00	15.89 -1.18 0.00	16.37 -1.35 0.00	18.16 -1.51 0.00	21.98 -2.07 0.00	25.83 -3.23 0.00	28.08 -3.47 0.00	25.85 -3.76 0.00	21.33 -2.55 0.00	18.55 -1.95 0.00	18.28 -1.21 0.00
MODERN_LFGE___ 323580	20.04 -0.58 0.00	18.65 -0.38 0.00	18.23 -0.24 0.00	17.56 -0.45 0.00	17.62 -0.66 0.00	20.17 -0.47 0.00	25.36 -1.88 0.00	28.84 -2.71 0.00	27.29 -2.31 0.00	21.26 -1.41 0.00	18.82 -1.22 0.00	17.89 -1.26 0.00	16.90 -1.23 0.00	16.26 -1.24 0.00	15.89 -1.18 0.00	16.37 -1.35 0.00	18.16 -1.51 0.00	21.98 -2.07 0.00	25.83 -3.23 0.00	28.08 -3.47 0.00	25.85 -3.76 0.00	21.33 -2.55 0.00	18.55 -1.95 0.00	18.28 -1.21 0.00
MOHAWK_PAPER___DRP 24187	20.94 0.33 0.00	19.34 0.30 0.00	18.75 0.28 0.00	18.34 0.32 0.00	18.59 0.31 0.00	21.04 0.39 0.00	27.95 0.71 0.00	32.59 1.04 0.00	30.28 0.68 0.00	23.07 0.41 0.00	20.42 0.38 0.00	19.54 0.38 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.37 0.31 0.00	18.05 0.34 0.00	20.10 0.43 0.00	24.60 0.55 0.00	29.90 0.84 0.00	32.72 1.17 0.00	30.56 0.95 0.00	24.62 0.74 0.00	21.07 0.57 0.00	19.98 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	21.21 0.60 0.00	19.55 0.51 0.00	18.97 0.50 0.00	18.52 0.50 0.00	18.77 0.49 0.00	21.31 0.66 0.00	28.41 1.17 0.00	33.19 1.64 0.00	30.87 1.27 0.00	23.36 0.70 0.00	20.66 0.62 0.00	19.73 0.57 0.00	18.58 0.45 0.00	17.91 0.40 0.00	17.44 0.38 0.00	18.09 0.37 0.00	20.22 0.55 0.00	24.85 0.79 0.00	30.31 1.25 0.00	33.16 1.61 0.00	31.04 1.42 0.00	24.93 1.05 0.00	21.32 0.82 0.00	20.10 0.60 0.00
MONGAUP___HYD 23641	20.74 0.12 0.00	19.11 0.08 0.00	18.51 0.04 0.00	18.09 0.07 0.00	18.33 0.05 0.00	20.81 0.16 0.00	27.46 0.22 0.00	32.18 0.63 0.00	29.84 0.24 0.00	22.77 0.11 0.00	20.28 0.24 0.00	19.38 0.23 0.00	18.35 0.22 0.00	17.75 0.24 0.00	17.30 0.24 0.00	18.05 0.34 0.00	20.10 0.43 0.00	24.39 0.34 0.00	29.55 0.49 0.00	32.53 0.98 0.00	30.32 0.71 0.00	24.31 0.43 0.00	20.99 0.49 0.00	19.92 0.43 0.00
MONTAUK___DIESEL 23721	21.38 0.76 0.00	19.95 0.91 0.00	19.14 0.67 0.00	18.77 0.76 0.00	19.01 0.73 0.00	21.82 1.18 0.00	29.50 2.26 0.00	36.51 3.41 -1.55	31.88 2.28 0.00	24.41 1.74 0.00	21.62 1.58 0.00	20.55 1.40 0.00	19.33 1.20 0.00	18.72 1.21 0.00	18.24 1.18 0.00	18.99 1.28 0.00	21.69 1.81 -0.21	28.31 2.36 -1.90	33.75 3.08 -1.61	37.96 3.79 -2.62	34.15 3.02 -1.51	29.19 2.34 -2.97	22.58 1.91 -0.18	21.36 1.87 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.34 0.72 0.00	19.83 0.80 0.00	19.38 0.91 0.00	18.50 0.49 0.00	18.80 0.53 0.00	21.66 1.01 0.00	27.43 0.19 0.00	31.43 -0.13 0.00	29.54 -0.06 0.00	22.98 0.32 0.00	20.28 0.24 0.00	19.17 0.02 0.00	18.13 0.00 0.00	17.44 -0.07 0.00	16.95 -0.12 0.00	17.47 -0.25 0.00	19.38 -0.30 0.00	23.38 -0.67 0.00	27.40 -1.66 0.00	29.60 -1.96 0.00	26.89 -2.72 0.00	21.85 -2.03 0.00	19.15 -1.35 0.00	18.97 -0.53 0.00
MORTIMER_115KV_TB3 55949	20.53 -0.08 0.00	18.99 -0.04 0.00	18.51 0.04 0.00	17.76 -0.25 0.00	18.09 -0.18 0.00	20.56 -0.08 0.00	26.43 -0.82 0.00	30.51 -1.04 0.00	28.68 -0.92 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.62 -0.54 0.00	17.62 -0.51 0.00	16.98 -0.53 0.00	16.57 -0.49 0.00	17.13 -0.58 0.00	18.98 -0.69 0.00	23.16 -0.89 0.00	27.52 -1.54 0.00	30.01 -1.55 0.00	27.78 -1.84 0.00	22.43 -1.46 0.00	19.54 -0.96 0.00	18.97 -0.53 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.82 0.21 0.00	19.20 0.17 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.80 0.76 0.00	19.98 0.82 0.00	18.95 0.82 0.00	18.33 0.82 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.34 1.28 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00

MUNSVILLE_WIND_PWR 323609	22.61 2.00 0.00	20.84 1.81 0.00	20.23 1.76 0.00	19.73 1.71 0.00	19.97 1.70 0.00	22.79 2.15 0.00	30.19 2.94 0.00	35.49 3.94 0.00	32.77 3.17 0.00	24.77 2.11 0.00	21.62 1.58 0.00	20.59 1.44 0.00	19.33 1.20 0.00	18.59 1.09 0.00	18.11 1.04 0.00	18.76 1.05 0.00	20.93 1.26 0.00	25.90 1.85 0.00	31.41 2.35 0.00	34.68 3.12 0.00	32.13 2.52 0.00	25.82 1.93 0.00	22.16 1.66 0.00	21.13 1.64 0.00
N SALMON___HYD 24042	20.92 0.31 0.00	19.32 0.29 0.00	18.79 0.31 0.00	18.30 0.29 0.00	18.60 0.33 0.00	21.12 0.48 0.00	27.73 0.49 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.34 0.30 0.00	19.36 0.21 0.00	18.31 0.18 0.00	17.66 0.16 0.00	17.17 0.10 0.00	17.86 0.14 0.00	19.93 0.26 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.71 0.16 0.00	30.12 0.50 0.00	24.48 0.60 0.00	20.95 0.45 0.00	19.77 0.27 0.00
N.AKRON___115KV_KNAPP 355671	20.53 -0.08 0.00	19.11 0.08 0.00	18.66 0.18 0.00	17.76 -0.25 0.00	18.11 -0.16 0.00	20.71 0.06 0.00	26.18 -1.06 0.00	29.85 -1.70 0.00	28.18 -1.42 0.00	21.87 -0.79 0.00	19.32 -0.72 0.00	18.35 -0.80 0.00	17.35 -0.78 0.00	16.70 -0.81 0.00	16.30 -0.77 0.00	16.81 -0.90 0.00	18.65 -1.02 0.00	22.68 -1.37 0.00	26.70 -2.35 0.00	29.09 -2.46 0.00	26.71 -2.90 0.00	21.68 -2.20 0.00	19.05 -1.46 0.00	18.79 -0.70 0.00
N.BELMOR_69_KV_BK1 55787	20.99 0.37 0.00	19.43 0.40 0.00	18.71 0.24 0.00	18.37 0.36 0.00	18.59 0.31 0.00	21.16 0.52 0.00	28.44 1.20 0.00	35.09 1.99 -1.55	30.99 1.39 0.00	23.82 1.16 0.00	21.12 1.08 0.00	20.17 1.02 0.00	19.05 0.92 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.74 1.03 0.00	21.18 1.30 -0.21	27.51 1.56 -1.90	32.53 1.86 -1.61	36.57 2.40 -2.62	33.08 1.95 -1.51	28.36 1.50 -2.97	21.89 1.21 -0.18	20.58 1.09 0.00
N.E._GEN_SANDY PD 24062	20.64 0.02 0.00	19.07 0.04 0.00	18.49 0.02 0.00	18.05 0.04 0.00	18.24 0.07 0.11	20.90 0.15 -0.11	28.46 0.41 -0.81	31.47 0.73 0.81	29.65 0.30 0.25	23.09 0.18 -0.25	20.22 0.18 0.00	19.36 0.21 0.00	18.33 0.20 0.00	17.70 0.19 0.00	17.25 0.19 0.00	17.95 0.23 0.00	19.93 0.26 0.00	24.21 0.34 0.18	29.85 0.61 -0.18	32.53 0.98 0.00	29.40 0.68 0.90	25.28 0.50 -0.90	20.87 0.37 0.00	19.84 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.80 0.19 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.21 0.20 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.84 0.60 0.00	32.78 1.23 0.00	30.43 0.83 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.70 0.63 0.00	18.44 0.73 0.00	20.46 0.79 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.18 0.00	24.79 0.91 0.00	21.20 0.70 0.00	20.10 0.60 0.00
N.QUEENS_27_KV_LOAD 356247	20.86 0.25 0.00	19.18 0.15 0.00	18.53 0.06 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.77 0.12 0.00	27.68 0.44 0.00	32.66 1.10 0.00	30.37 0.77 0.00	23.43 0.77 0.00	20.76 0.72 0.00	19.98 0.82 0.00	18.98 0.85 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.58 0.90 0.00	25.13 1.08 0.00	30.28 1.22 0.00	33.16 1.61 0.00	30.86 1.24 0.00	24.77 0.88 0.00	21.18 0.68 0.00	20.25 0.76 0.00
N.TROY___115KV_TB1 355778	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.21 0.20 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.82 0.57 0.00	32.43 0.88 0.00	30.10 0.50 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.40 0.25 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.91 0.19 0.00	19.95 0.28 0.00	24.44 0.38 0.00	29.75 0.70 0.00	32.56 1.01 0.00	30.41 0.80 0.00	24.50 0.62 0.00	20.95 0.45 0.00	19.84 0.35 0.00
NARROWS_GT1_1 24228	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_2 24229	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_3 24230	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_4 24231	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_5 24232	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_6 24233	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT1_7 24234	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00

NARROWS_GT1_8 24235	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_1 24236	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_2 24237	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_3 24238	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_4 24239	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_5 24240	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_6 24241	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_7 24242	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NARROWS_GT2_8 24243	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.38 0.76 0.00	19.72 0.69 0.00	19.14 0.67 0.00	18.68 0.67 0.00	18.93 0.66 0.00	21.45 0.81 0.00	28.58 1.33 0.00	33.22 1.67 0.00	30.79 1.18 0.00	23.25 0.59 0.00	20.50 0.46 0.00	19.54 0.38 0.00	18.42 0.29 0.00	17.77 0.26 0.00	17.32 0.26 0.00	18.02 0.30 0.00	20.14 0.47 0.00	24.75 0.70 0.00	30.19 1.13 0.00	33.13 1.58 0.00	31.01 1.39 0.00	24.96 1.07 0.00	21.36 0.86 0.00	20.25 0.76 0.00
NCHELSEA_115KV_TR2 355582	20.97 0.35 0.00	19.32 0.29 0.00	18.70 0.22 0.00	18.32 0.31 0.00	18.53 0.26 0.00	21.02 0.37 0.00	28.03 0.79 0.00	32.91 1.36 0.00	30.55 0.95 0.00	23.36 0.70 0.00	20.66 0.62 0.00	19.75 0.59 0.00	18.69 0.56 0.00	18.08 0.58 0.00	17.61 0.55 0.00	18.35 0.64 0.00	20.40 0.73 0.00	24.97 0.91 0.00	30.19 1.13 0.00	33.23 1.67 0.00	30.92 1.30 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
NEG CAPITAL___MECHNVIL 23645	21.13 0.52 0.00	19.51 0.48 0.00	18.92 0.44 0.00	18.45 0.43 0.00	18.73 0.46 0.00	21.24 0.60 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.27 0.61 0.00	20.60 0.56 0.00	19.67 0.52 0.00	18.56 0.43 0.00	17.91 0.40 0.00	17.44 0.37 0.00	18.12 0.41 0.00	20.22 0.55 0.00	24.80 0.75 0.00	30.19 1.13 0.00	33.04 1.48 0.00	30.86 1.24 0.00	24.84 0.96 0.00	21.26 0.76 0.00	20.12 0.62 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.12 -0.49 0.00	18.61 -0.42 0.00	18.12 -0.35 0.00	17.55 -0.47 0.00	17.76 -0.51 0.00	20.13 -0.52 0.00	26.04 -1.20 0.00	30.16 -1.39 0.00	28.33 -1.27 0.00	21.80 -0.86 0.00	19.26 -0.78 0.00	18.35 -0.80 0.00	17.37 -0.76 0.00	16.74 -0.77 0.00	16.33 -0.73 0.00	16.88 -0.83 0.00	18.71 -0.96 0.00	22.85 -1.20 0.00	27.23 -1.83 0.00	29.72 -1.83 0.00	27.63 -1.98 0.00	22.42 -1.46 0.00	19.35 -1.15 0.00	18.64 -0.86 0.00
NEG CENTRAL___DRP 24199	21.40 0.78 0.00	19.77 0.74 0.00	19.21 0.74 0.00	18.61 0.59 0.00	18.95 0.68 0.00	21.57 0.93 0.00	28.22 0.98 0.00	32.91 1.36 0.00	30.76 1.15 0.00	23.59 0.93 0.00	20.68 0.64 0.00	19.71 0.56 0.00	18.62 0.49 0.00	17.96 0.46 0.00	17.54 0.48 0.00	18.12 0.41 0.00	20.10 0.43 0.00	24.53 0.48 0.00	29.46 0.41 0.00	32.22 0.66 0.00	29.91 0.30 0.00	24.10 0.21 0.00	20.81 0.31 0.00	19.86 0.37 0.00
NEG CENTRAL___INDECK 23768	21.56 0.95 0.00	19.96 0.93 0.00	19.43 0.96 0.00	18.84 0.83 0.00	19.08 0.80 0.00	21.82 1.18 0.00	28.28 1.03 0.00	32.78 1.23 0.00	30.49 0.89 0.00	23.32 0.66 0.00	20.44 0.40 0.00	19.40 0.25 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.29 0.22 0.00	17.86 0.14 0.00	19.81 0.14 0.00	24.36 0.31 0.00	29.14 0.09 0.00	32.09 0.54 0.00	29.70 0.09 0.00	24.03 0.14 0.00	20.73 0.23 0.00	19.86 0.37 0.00

NEG CENTRAL___SENECA 23627	21.73 1.11 0.00	20.10 1.07 0.00	19.55 1.07 0.00	18.91 0.90 0.00	19.26 0.99 0.00	22.03 1.38 0.00	28.80 1.55 0.00	33.60 2.05 0.00	31.41 1.81 0.00	24.09 1.43 0.00	21.04 1.00 0.00	20.03 0.88 0.00	18.93 0.80 0.00	18.24 0.74 0.00	17.82 0.75 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.89 0.84 0.00	29.84 0.78 0.00	32.63 1.07 0.00	30.24 0.62 0.00	24.36 0.48 0.00	21.05 0.55 0.00	20.14 0.64 0.00
NEG CENTRAL___STATE_STREET 24147	21.05 0.43 0.00	19.43 0.40 0.00	18.88 0.41 0.00	18.30 0.29 0.00	18.62 0.35 0.00	21.12 0.47 0.00	27.62 0.38 0.00	32.25 0.69 0.00	30.13 0.53 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.72 0.21 0.00	17.29 0.22 0.00	17.89 0.18 0.00	19.83 0.16 0.00	24.24 0.19 0.00	29.12 0.06 0.00	31.81 0.25 0.00	29.61 0.00 0.00	23.83 -0.05 0.00	20.56 0.06 0.00	19.63 0.14 0.00
NEG MILLWOOD___DRP 24198	21.01 0.39 0.00	19.36 0.32 0.00	18.73 0.26 0.00	18.37 0.36 0.00	18.55 0.27 0.00	21.02 0.37 0.00	28.06 0.82 0.00	33.07 1.51 0.00	30.73 1.12 0.00	23.45 0.79 0.00	20.74 0.70 0.00	19.82 0.67 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.70 0.63 0.00	18.43 0.71 0.00	20.50 0.83 0.00	25.11 1.06 0.00	30.34 1.28 0.00	33.35 1.80 0.00	31.07 1.45 0.00	24.98 1.10 0.00	21.34 0.84 0.00	20.23 0.74 0.00
NEG NORTH_FLCN_SEA 23793	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.51 0.87 0.00	27.92 0.68 0.00	32.06 0.50 0.00	30.25 0.65 0.00	23.18 0.52 0.00	20.48 0.44 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.30 0.24 0.00	18.02 0.30 0.00	20.10 0.43 0.00	24.65 0.60 0.00	29.75 0.70 0.00	31.96 0.41 0.00	30.32 0.71 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.14 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	21.07 0.45 0.00	19.43 0.40 0.00	18.92 0.44 0.00	18.43 0.41 0.00	18.71 0.44 0.00	21.22 0.58 0.00	27.76 0.52 0.00	31.87 0.32 0.00	30.10 0.50 0.00	23.02 0.36 0.00	20.36 0.32 0.00	19.40 0.25 0.00	18.33 0.20 0.00	17.70 0.19 0.00	17.22 0.15 0.00	17.93 0.21 0.00	20.01 0.33 0.00	24.53 0.48 0.00	29.61 0.55 0.00	31.81 0.25 0.00	30.21 0.59 0.00	24.60 0.72 0.00	21.05 0.55 0.00	19.90 0.41 0.00
NEG NORTH___ALICE_FALLS 23915	21.36 0.74 0.00	19.70 0.67 0.00	19.18 0.70 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.53 0.89 0.00	28.09 0.84 0.00	32.28 0.73 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.56 0.52 0.00	19.59 0.44 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.20 0.53 0.00	24.80 0.75 0.00	29.90 0.84 0.00	32.12 0.57 0.00	30.47 0.86 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.16 0.66 0.00
NEG NORTH___LWR_SARANAC 23913	21.36 0.74 0.00	19.70 0.67 0.00	19.18 0.70 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.53 0.89 0.00	28.09 0.84 0.00	32.28 0.73 0.00	30.46 0.86 0.00	23.30 0.63 0.00	20.56 0.52 0.00	19.59 0.44 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.20 0.53 0.00	24.80 0.75 0.00	29.90 0.84 0.00	32.12 0.57 0.00	30.47 0.86 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.16 0.66 0.00
NEG NORTH___PLATTSBURG 23628	21.36 0.74 0.00	19.70 0.67 0.00	19.18 0.70 0.00	18.66 0.65 0.00	18.97 0.69 0.00	21.53 0.89 0.00	28.09 0.85 0.00	32.28 0.73 0.00	30.46 0.86 0.00	23.29 0.63 0.00	20.56 0.52 0.00	19.57 0.42 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.20 0.53 0.00	24.80 0.75 0.00	29.90 0.84 0.00	32.12 0.57 0.00	30.47 0.86 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.13 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	20.26 -0.35 0.00	18.86 -0.17 0.00	18.42 -0.06 0.00	17.53 -0.49 0.00	17.85 -0.42 0.00	20.42 -0.23 0.00	25.69 -1.55 0.00	29.19 -2.37 0.00	27.62 -1.98 0.00	21.53 -1.13 0.00	19.04 -1.00 0.00	18.06 -1.09 0.00	17.10 -1.03 0.00	16.46 -1.05 0.00	16.06 -1.01 0.00	16.57 -1.15 0.00	18.35 -1.32 0.00	22.25 -1.80 0.00	26.12 -2.93 0.00	28.40 -3.16 0.00	26.03 -3.58 0.00	21.18 -2.70 0.00	18.66 -1.85 0.00	18.52 -0.97 0.00
NEG WEST___LANCASTER 23811	21.19 0.58 0.00	19.66 0.63 0.00	19.19 0.72 0.00	18.34 0.32 0.00	18.66 0.38 0.00	21.47 0.83 0.00	27.16 -0.08 0.00	31.05 -0.50 0.00	29.22 -0.38 0.00	22.80 0.14 0.00	20.12 0.08 0.00	19.10 -0.06 0.00	18.06 -0.07 0.00	17.38 -0.12 0.00	16.95 -0.12 0.00	17.50 -0.21 0.00	19.45 -0.22 0.00	23.52 -0.53 0.00	27.75 -1.31 0.00	30.23 -1.33 0.00	27.66 -1.95 0.00	22.52 -1.36 0.00	19.72 -0.78 0.00	19.40 -0.10 0.00
NEG_PENN_ALLEGHNY 23528	21.01 0.39 0.00	19.41 0.38 0.00	18.84 0.37 0.00	18.34 0.32 0.00	18.58 0.31 0.00	21.12 0.48 0.00	27.65 0.41 0.00	32.18 0.63 0.00	30.05 0.44 0.00	23.09 0.43 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.70 0.19 0.00	17.27 0.21 0.00	17.89 0.18 0.00	19.83 0.16 0.00	24.20 0.15 0.00	29.06 0.00 0.00	31.81 0.25 0.00	29.53 -0.09 0.00	23.88 0.00 0.00	20.58 0.08 0.00	19.65 0.16 0.00
NEG___GEN_MONROE 24207	20.66 0.04 0.00	19.15 0.11 0.00	18.64 0.17 0.00	17.85 -0.16 0.00	18.20 -0.07 0.00	20.71 0.06 0.00	26.53 -0.71 0.00	30.60 -0.95 0.00	28.77 -0.83 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.60 -0.56 0.00	17.57 -0.56 0.00	16.95 -0.56 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.94 -0.73 0.00	23.14 -0.91 0.00	27.43 -1.63 0.00	29.98 -1.58 0.00	27.72 -1.90 0.00	22.40 -1.48 0.00	19.58 -0.92 0.00	19.04 -0.45 0.00
NEPA___ENERGY 23901	20.94 0.33 0.00	19.45 0.42 0.00	18.97 0.50 0.00	18.14 0.13 0.00	18.44 0.16 0.00	21.22 0.58 0.00	26.86 -0.38 0.00	30.70 -0.85 0.00	28.89 -0.71 0.00	22.57 -0.09 0.00	19.92 -0.12 0.00	18.90 -0.25 0.00	17.88 -0.25 0.00	17.21 -0.30 0.00	16.78 -0.29 0.00	17.33 -0.39 0.00	19.26 -0.41 0.00	23.26 -0.79 0.00	27.43 -1.63 0.00	29.88 -1.67 0.00	27.30 -2.31 0.00	22.26 -1.62 0.00	19.52 -0.98 0.00	19.14 -0.35 0.00
NEVERSINK___HYD 23608	21.40 0.78 0.00	19.70 0.67 0.00	19.07 0.59 0.00	18.64 0.63 0.00	18.88 0.60 0.00	21.43 0.78 0.00	28.58 1.33 0.00	33.57 2.02 0.00	31.14 1.54 0.00	23.70 1.04 0.00	20.92 0.88 0.00	19.92 0.77 0.00	18.84 0.71 0.00	18.24 0.74 0.00	17.75 0.68 0.00	18.50 0.78 0.00	20.63 0.96 0.00	25.28 1.23 0.00	30.60 1.54 0.00	33.73 2.18 0.00	31.42 1.81 0.00	25.19 1.31 0.00	21.59 1.09 0.00	20.54 1.05 0.00
NEWKRMKL_115KV_TB1 55635	20.99 0.37 0.00	19.37 0.34 0.00	18.79 0.31 0.00	18.37 0.36 0.00	18.62 0.35 0.00	21.08 0.43 0.00	27.98 0.74 0.00	32.66 1.10 0.00	30.37 0.77 0.00	23.14 0.48 0.00	20.48 0.44 0.00	19.59 0.44 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.42 0.36 0.00	18.11 0.39 0.00	20.16 0.49 0.00	24.65 0.60 0.00	29.96 0.90 0.00	32.79 1.23 0.00	30.59 0.98 0.00	24.65 0.76 0.00	21.10 0.59 0.00	20.00 0.51 0.00

NEWTON___FALLS_HYD 23847	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.81 -0.80 0.00	23.17 -0.72 0.00	19.80 -0.70 0.00	18.79 -0.70 0.00
NGRID_A1_DSASP 323792	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.49 -0.79 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.97 -2.63 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.72 -1.44 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.21 -1.51 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.51 -3.55 0.00	27.70 -3.85 0.00	25.53 -4.09 0.00	21.09 -2.79 0.00	18.37 -2.13 0.00	18.11 -1.38 0.00
NGRID_A2_DSASP 323793	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.49 -0.79 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.97 -2.63 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.72 -1.44 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.21 -1.51 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.51 -3.55 0.00	27.70 -3.85 0.00	25.53 -4.09 0.00	21.09 -2.79 0.00	18.37 -2.13 0.00	18.11 -1.38 0.00
NGRID_A4_DSASP 323807	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.49 -0.79 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.97 -2.63 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.72 -1.44 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.21 -1.51 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.51 -3.55 0.00	27.70 -3.85 0.00	25.53 -4.09 0.00	21.09 -2.79 0.00	18.37 -2.13 0.00	18.11 -1.38 0.00
NIAGARA_115E_LBMP 323715	19.93 -0.68 0.00	18.56 -0.48 0.00	18.12 -0.35 0.00	17.46 -0.56 0.00	17.51 -0.77 0.00	20.05 -0.60 0.00	25.20 -2.04 0.00	28.62 -2.93 0.00	27.09 -2.52 0.00	21.12 -1.54 0.00	18.70 -1.34 0.00	17.79 -1.36 0.00	16.79 -1.34 0.00	16.18 -1.33 0.00	15.79 -1.28 0.00	16.28 -1.43 0.00	18.04 -1.63 0.00	21.84 -2.21 0.00	25.63 -3.43 0.00	27.86 -3.69 0.00	25.68 -3.94 0.00	21.18 -2.70 0.00	18.43 -2.07 0.00	18.19 -1.31 0.00
NIAGARA_115W_LBMP 323714	19.79 -0.83 0.00	18.38 -0.65 0.00	17.96 -0.52 0.00	17.29 -0.72 0.00	17.45 -0.82 0.00	19.90 -0.74 0.00	25.01 -2.23 0.00	28.40 -3.15 0.00	26.88 -2.72 0.00	20.96 -1.70 0.00	18.58 -1.46 0.00	17.68 -1.47 0.00	16.70 -1.43 0.00	16.07 -1.44 0.00	15.70 -1.37 0.00	16.18 -1.54 0.00	17.90 -1.77 0.00	21.70 -2.36 0.00	25.42 -3.63 0.00	27.64 -3.91 0.00	25.47 -4.15 0.00	21.04 -2.84 0.00	18.33 -2.17 0.00	18.07 -1.42 0.00
NIAGARA_230_LBMP 323716	20.12 -0.49 0.00	18.67 -0.36 0.00	18.23 -0.24 0.00	17.56 -0.45 0.00	17.67 -0.60 0.00	20.21 -0.43 0.00	25.44 -1.80 0.00	28.93 -2.62 0.00	27.38 -2.22 0.00	21.35 -1.31 0.00	18.92 -1.12 0.00	17.98 -1.17 0.00	16.99 -1.14 0.00	16.37 -1.14 0.00	15.97 -1.09 0.00	16.48 -1.24 0.00	18.24 -1.44 0.00	22.10 -1.95 0.00	25.95 -3.11 0.00	28.21 -3.35 0.00	26.00 -3.61 0.00	21.45 -2.44 0.00	18.68 -1.82 0.00	18.38 -1.11 0.00
NIAGARA___115KV_198_GIBSON 55903	19.79 -0.82 0.00	18.38 -0.65 0.00	17.96 -0.52 0.00	17.08 -0.94 0.00	17.40 -0.88 0.00	19.90 -0.74 0.00	25.01 -2.23 0.00	28.36 -3.19 0.00	26.85 -2.75 0.00	20.98 -1.68 0.00	18.58 -1.46 0.00	17.64 -1.51 0.00	16.70 -1.43 0.00	16.07 -1.44 0.00	15.70 -1.37 0.00	16.19 -1.52 0.00	17.92 -1.75 0.00	21.67 -2.38 0.00	25.43 -3.63 0.00	27.61 -3.94 0.00	25.35 -4.26 0.00	20.66 -3.22 0.00	18.23 -2.28 0.00	18.11 -1.38 0.00
NIAGARA____ 23760	20.12 -0.49 0.00	18.67 -0.36 0.00	18.23 -0.24 0.00	17.56 -0.45 0.00	17.67 -0.60 0.00	20.21 -0.43 0.00	25.44 -1.80 0.00	28.93 -2.62 0.00	27.38 -2.22 0.00	21.35 -1.31 0.00	18.92 -1.12 0.00	17.98 -1.17 0.00	16.99 -1.14 0.00	16.37 -1.14 0.00	15.97 -1.09 0.00	16.48 -1.24 0.00	18.24 -1.44 0.00	22.10 -1.95 0.00	25.95 -3.11 0.00	28.21 -3.35 0.00	26.00 -3.61 0.00	21.45 -2.44 0.00	18.68 -1.82 0.00	18.38 -1.11 0.00
NINE_MILE_1 23575	20.31 -0.31 0.00	18.75 -0.28 0.00	18.22 -0.26 0.00	17.72 -0.29 0.00	17.98 -0.29 0.00	20.19 -0.45 0.00	26.45 -0.79 0.00	30.73 -0.82 0.00	28.77 -0.83 0.00	22.05 -0.61 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.10 -0.57 0.00	23.31 -0.75 0.00	28.07 -0.99 0.00	30.58 -0.98 0.00	28.55 -1.06 0.00	23.07 -0.81 0.00	19.84 -0.66 0.00	18.93 -0.57 0.00
NINE_MILE_2 23744	20.31 -0.31 0.00	18.75 -0.28 0.00	18.22 -0.26 0.00	17.74 -0.27 0.00	17.98 -0.29 0.00	20.19 -0.45 0.00	26.45 -0.79 0.00	30.73 -0.82 0.00	28.77 -0.83 0.00	22.05 -0.61 0.00	19.52 -0.52 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.10 -0.57 0.00	23.31 -0.75 0.00	28.07 -0.99 0.00	30.58 -0.98 0.00	28.58 -1.04 0.00	23.07 -0.81 0.00	19.84 -0.66 0.00	18.95 -0.55 0.00
NM_CAPITAL___DRP 24208	20.88 0.27 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.02 0.36 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.47 0.86 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
NM_CENTRAL___DRP 24181	20.72 0.10 0.00	19.13 0.10 0.00	18.59 0.11 0.00	18.03 0.02 0.00	18.33 0.05 0.00	20.64 0.00 0.00	27.05 -0.19 0.00	31.52 -0.03 0.00	29.45 -0.15 0.00	22.59 -0.07 0.00	19.96 -0.08 0.00	19.06 -0.10 0.00	18.04 -0.09 0.00	17.42 -0.09 0.00	17.00 -0.07 0.00	17.59 -0.12 0.00	19.49 -0.18 0.00	23.81 -0.24 0.00	28.62 -0.44 0.00	31.24 -0.32 0.00	29.08 -0.53 0.00	23.45 -0.43 0.00	20.21 -0.29 0.00	19.32 -0.18 0.00
NM_FRONTIER___DRP 24179	19.79 -0.82 0.00	18.38 -0.65 0.00	17.96 -0.52 0.00	17.08 -0.94 0.00	17.40 -0.88 0.00	19.90 -0.74 0.00	25.01 -2.23 0.00	28.36 -3.19 0.00	26.85 -2.75 0.00	20.98 -1.68 0.00	18.58 -1.46 0.00	17.64 -1.51 0.00	16.70 -1.43 0.00	16.07 -1.44 0.00	15.70 -1.37 0.00	16.19 -1.52 0.00	17.92 -1.75 0.00	21.67 -2.38 0.00	25.43 -3.63 0.00	27.61 -3.94 0.00	25.35 -4.26 0.00	20.66 -3.22 0.00	18.23 -2.28 0.00	18.11 -1.38 0.00
NM_ST_REGIS___HYD 24053	20.18 -0.43 0.00	18.61 -0.42 0.00	18.09 -0.39 0.00	17.65 -0.36 0.00	17.95 -0.33 0.00	20.33 -0.31 0.00	26.86 -0.38 0.00	30.89 -0.66 0.00	29.16 -0.44 0.00	22.25 -0.41 0.00	19.66 -0.38 0.00	18.75 -0.40 0.00	17.71 -0.42 0.00	17.09 -0.42 0.00	16.62 -0.44 0.00	17.27 -0.44 0.00	19.24 -0.43 0.00	23.64 -0.41 0.00	28.59 -0.46 0.00	30.73 -0.82 0.00	29.20 -0.41 0.00	23.62 -0.26 0.00	20.19 -0.31 0.00	19.08 -0.41 0.00

NORTHPORT___1 23551	20.84 0.23 0.00	19.32 0.29 0.00	18.62 0.15 0.00	18.23 0.22 0.00	18.49 0.22 0.00	21.10 0.45 0.00	28.36 1.12 0.00	35.03 1.92 -1.56	30.84 1.24 0.00	23.70 1.04 0.00	21.00 0.96 0.00	20.03 0.88 0.00	18.91 0.78 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.62 0.90 0.00	21.07 1.18 -0.22	27.42 1.47 -1.91	32.48 1.80 -1.62	36.48 2.30 -2.63	32.97 1.84 -1.52	28.17 1.31 -2.98	21.77 1.09 -0.19	20.53 1.03 -0.01
NORTHPORT___2 23552	20.84 0.23 0.00	19.32 0.29 0.00	18.62 0.15 0.00	18.23 0.22 0.00	18.49 0.22 0.00	21.10 0.45 0.00	28.36 1.12 0.00	35.03 1.92 -1.56	30.84 1.24 0.00	23.70 1.04 0.00	21.00 0.96 0.00	20.03 0.88 0.00	18.91 0.78 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.62 0.90 0.00	21.07 1.18 -0.22	27.42 1.47 -1.91	32.48 1.80 -1.62	36.48 2.30 -2.63	32.97 1.84 -1.52	28.17 1.31 -2.98	21.77 1.09 -0.19	20.53 1.03 -0.01
NORTHPORT___3 23553	21.17 0.56 0.00	19.60 0.57 0.00	18.90 0.43 0.00	18.50 0.49 0.00	18.75 0.47 0.00	21.37 0.72 0.00	28.72 1.47 0.00	35.47 2.37 -1.56	31.29 1.69 0.00	24.04 1.38 0.00	21.30 1.26 0.00	20.34 1.19 0.00	19.20 1.07 0.00	18.59 1.09 0.00	18.12 1.06 0.00	18.89 1.17 0.00	21.38 1.49 -0.22	27.76 1.80 -1.91	32.86 2.18 -1.62	36.96 2.78 -2.63	33.39 2.25 -1.52	28.51 1.65 -2.98	22.08 1.39 -0.19	20.79 1.29 -0.01
NORTHPORT___4 23650	21.17 0.56 0.00	19.60 0.57 0.00	18.90 0.43 0.00	18.50 0.49 0.00	18.75 0.47 0.00	21.37 0.72 0.00	28.72 1.47 0.00	35.47 2.37 -1.56	31.29 1.69 0.00	24.04 1.38 0.00	21.30 1.26 0.00	20.34 1.19 0.00	19.20 1.07 0.00	18.59 1.09 0.00	18.12 1.06 0.00	18.89 1.17 0.00	21.38 1.49 -0.22	27.76 1.80 -1.91	32.86 2.18 -1.62	36.96 2.78 -2.63	33.39 2.25 -1.52	28.51 1.65 -2.98	22.08 1.39 -0.19	20.79 1.29 -0.01
NORTHPORT___IC 23718	20.84 0.23 0.00	19.34 0.30 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.49 0.22 0.00	21.10 0.45 0.00	28.36 1.12 0.00	35.02 1.92 -1.55	30.84 1.24 0.00	23.70 1.04 0.00	21.00 0.96 0.00	20.05 0.90 0.00	18.91 0.78 0.00	18.33 0.82 0.00	17.87 0.80 0.00	18.62 0.90 0.00	21.06 1.18 -0.21	27.39 1.44 -1.90	32.47 1.80 -1.61	36.48 2.30 -2.62	32.96 1.84 -1.51	28.24 1.39 -2.97	21.78 1.11 -0.18	20.53 1.03 0.00
NORTH___COUNTRY_ESR 323785	21.01 0.39 0.00	19.37 0.34 0.00	18.86 0.39 0.00	18.37 0.36 0.00	18.66 0.38 0.00	21.14 0.49 0.00	27.68 0.43 0.00	31.74 0.19 0.00	29.99 0.38 0.00	22.98 0.32 0.00	20.30 0.26 0.00	19.36 0.21 0.00	18.29 0.16 0.00	17.66 0.16 0.00	17.19 0.12 0.00	17.89 0.18 0.00	19.95 0.28 0.00	24.46 0.41 0.00	29.52 0.46 0.00	31.68 0.13 0.00	30.09 0.47 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.82 0.33 0.00
NPX_GEN_1385_PROXY 323591	20.70 0.08 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.16 0.14 0.00	18.31 0.15 0.11	21.13 0.37 -0.11	28.98 0.93 -0.81	34.00 1.70 -0.75	30.39 1.04 0.25	23.88 0.97 -0.25	20.86 0.82 0.00	19.90 0.75 0.00	18.78 0.65 0.00	18.26 0.75 0.00	17.80 0.73 0.00	18.55 0.83 0.00	20.93 1.04 -0.22	27.25 1.30 -1.91	32.16 1.48 -1.62	35.95 1.77 -2.63	31.69 1.45 -0.63	28.76 1.00 -3.87	21.55 0.86 -0.19	20.42 0.92 -0.01
NPX_GEN_CSC 323557	20.76 0.15 0.00	19.30 0.27 0.00	18.57 0.09 0.00	18.18 0.16 0.00	18.33 0.16 0.11	21.31 0.56 -0.11	29.50 1.44 -0.81	34.60 2.30 -0.75	30.60 1.24 0.25	23.88 0.97 -0.25	20.96 0.92 0.00	19.98 0.82 0.00	18.80 0.67 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.53 0.82 0.00	21.07 1.18 -0.22	27.57 1.61 -1.91	32.89 2.21 -1.62	36.92 2.74 -2.63	32.31 2.07 -0.63	29.24 1.48 -3.87	21.85 1.17 -0.19	20.75 1.25 -0.01
NSINS_S_GLNS_FALLS 23858	21.23 0.62 0.00	19.58 0.55 0.00	18.99 0.52 0.00	18.54 0.52 0.00	18.79 0.51 0.00	21.33 0.68 0.00	28.44 1.20 0.00	33.22 1.67 0.00	30.90 1.30 0.00	23.39 0.73 0.00	20.68 0.64 0.00	19.73 0.57 0.00	18.60 0.47 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.11 0.39 0.00	20.24 0.57 0.00	24.85 0.79 0.00	30.31 1.25 0.00	33.20 1.64 0.00	31.04 1.42 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.12 0.62 0.00
NUCOR_STEEL___DRP 24197	21.09 0.47 0.00	19.49 0.46 0.00	18.92 0.44 0.00	18.34 0.32 0.00	18.66 0.38 0.00	21.14 0.50 0.00	27.62 0.38 0.00	32.21 0.66 0.00	30.10 0.50 0.00	23.05 0.39 0.00	20.30 0.26 0.00	19.38 0.23 0.00	18.31 0.18 0.00	17.68 0.18 0.00	17.27 0.20 0.00	17.86 0.14 0.00	19.81 0.14 0.00	24.22 0.17 0.00	29.09 0.03 0.00	31.81 0.25 0.00	29.61 0.00 0.00	23.86 -0.02 0.00	20.58 0.08 0.00	19.67 0.18 0.00
NUMBER_THREE_WT_PWR 323818	20.64 0.02 0.00	19.01 -0.02 0.00	18.46 -0.02 0.00	18.00 -0.02 0.00	18.26 -0.02 0.00	20.69 0.04 0.00	27.43 0.19 0.00	31.99 0.44 0.00	29.72 0.12 0.00	22.57 -0.09 0.00	19.90 -0.14 0.00	18.96 -0.19 0.00	17.88 -0.25 0.00	17.23 -0.28 0.00	16.74 -0.32 0.00	17.38 -0.34 0.00	19.36 -0.32 0.00	23.91 -0.14 0.00	29.03 -0.03 0.00	31.78 0.22 0.00	29.44 -0.18 0.00	23.57 -0.31 0.00	20.11 -0.39 0.00	19.20 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.64 0.00 0.00	27.24 0.00 0.00	31.55 0.00 0.00	29.60 0.00 0.00	22.66 0.00 0.00	20.04 0.00 0.00	19.15 0.00 0.00	18.13 0.00 0.00	17.51 0.00 0.00	17.07 0.00 0.00	17.72 0.00 0.00	19.67 0.00 0.00	24.05 0.00 0.00	29.06 0.00 0.00	31.55 0.00 0.00	29.61 0.00 0.00	23.88 0.00 0.00	20.50 0.00 0.00	19.49 0.00 0.00
NYPA_BRENTWD___GT 24164	21.05 0.43 0.00	19.53 0.49 0.00	18.79 0.31 0.00	18.39 0.38 0.00	18.68 0.40 0.00	21.30 0.66 0.00	28.72 1.47 0.00	35.47 2.37 -1.56	31.20 1.60 0.00	23.95 1.29 0.00	21.22 1.18 0.00	20.23 1.07 0.00	19.07 0.94 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.78 1.06 0.00	21.31 1.42 -0.22	27.71 1.75 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.39 2.25 -1.52	28.48 1.62 -2.98	22.04 1.35 -0.19	20.79 1.29 -0.01
NYPA_GOWANUS___GT5 24156	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00
NYPA_GOWANUS___GT6 24157	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.78 1.23 0.00	30.58 0.98 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.05 0.90 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.32 0.82 0.00	20.31 0.82 0.00

NYPA_HARLEM__RVR__GT1 24160	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.58 1.04 0.01	30.33 0.74 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.91 0.77 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.87 0.80 0.00	18.67 0.96 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.21 1.16 0.01	33.12 1.58 0.01	30.82 1.21 0.01	24.64 0.76 0.01	21.13 0.64 0.01	20.21 0.72 0.00
NYPA_HARLEM__RVR__GT2 24161	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.58 1.04 0.01	30.33 0.74 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.91 0.77 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.87 0.80 0.00	18.67 0.96 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.21 1.16 0.01	33.12 1.58 0.01	30.82 1.21 0.01	24.64 0.76 0.01	21.13 0.64 0.01	20.21 0.72 0.00
NYPA_KENT____GT 24152	20.88 0.27 0.00	19.22 0.19 0.00	18.59 0.11 0.00	18.21 0.20 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.84 0.60 0.00	32.81 1.26 0.00	30.58 0.98 0.00	23.54 0.88 0.00	20.86 0.82 0.00	20.03 0.88 0.00	19.04 0.91 0.00	18.45 0.94 0.00	17.94 0.87 0.00	18.74 1.03 0.00	20.67 1.00 0.00	25.28 1.23 0.00	30.45 1.39 0.00	33.35 1.80 0.00	31.06 1.45 0.00	24.84 0.96 0.00	21.30 0.80 0.00	20.27 0.78 0.00
NYPA_POUCH1____GT 24155	20.94 0.33 0.00	19.28 0.25 0.00	18.62 0.15 0.00	18.27 0.25 0.00	18.49 0.22 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.66 1.10 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.82 0.78 0.00	20.02 0.86 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.67 1.00 0.00	25.33 1.27 0.00	30.51 1.45 0.00	33.26 1.70 0.00	31.15 1.54 0.00	24.88 1.00 0.00	21.36 0.86 0.00	20.35 0.86 0.00
NYPA_VERNON____GT2 24162	20.84 0.23 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.21 0.20 0.00	18.44 0.16 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.55 0.95 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.39 1.34 0.00	33.32 1.77 0.00	31.01 1.39 0.00	24.79 0.91 0.00	21.26 0.76 0.00	20.23 0.74 0.00
NYPA_VERNON____GT3 24163	20.84 0.23 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.21 0.20 0.00	18.44 0.16 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.55 0.95 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.39 1.34 0.00	33.32 1.77 0.00	31.01 1.39 0.00	24.79 0.91 0.00	21.26 0.76 0.00	20.23 0.74 0.00
NYPA__ASTORIA_CC1 323568	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.81 0.16 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	19.99 0.84 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.33 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.74 0.86 0.00	21.22 0.72 0.00	20.21 0.72 0.00
NYPA__ASTORIA_CC2 323569	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.81 0.16 0.00	27.76 0.52 0.00	32.75 1.20 0.00	30.49 0.89 0.00	23.50 0.84 0.00	20.80 0.76 0.00	19.99 0.84 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.33 1.28 0.00	33.26 1.70 0.00	30.95 1.33 0.00	24.74 0.86 0.00	21.22 0.72 0.00	20.21 0.72 0.00
NYPA__HOLTSVILL 23794	20.90 0.29 0.00	19.41 0.38 0.00	18.68 0.20 0.00	18.28 0.27 0.00	18.57 0.29 0.00	21.20 0.56 0.00	28.61 1.36 0.00	35.35 2.24 -1.56	30.99 1.39 0.00	23.79 1.13 0.00	21.08 1.04 0.00	20.11 0.96 0.00	18.96 0.83 0.00	18.38 0.87 0.00	17.92 0.85 0.00	18.66 0.94 0.00	21.19 1.30 -0.22	27.62 1.66 -1.91	32.77 2.09 -1.62	36.83 2.65 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.94 1.25 -0.19	20.71 1.21 -0.01
NYPA__HELLGATE_GT1 24158	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.58 1.04 0.01	30.33 0.74 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.91 0.77 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.87 0.80 0.00	18.67 0.96 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.21 1.16 0.01	33.12 1.58 0.01	30.82 1.21 0.01	24.64 0.76 0.01	21.13 0.64 0.01	20.21 0.72 0.00
NYPA__HELLGATE_GT2 24159	20.84 0.23 0.00	19.17 0.13 0.00	18.51 0.04 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.73 0.08 0.00	27.62 0.38 0.01	32.58 1.04 0.01	30.33 0.74 0.01	23.38 0.72 0.01	20.71 0.68 0.01	19.91 0.77 0.01	18.92 0.80 0.01	18.40 0.89 0.00	17.87 0.80 0.00	18.67 0.96 0.00	20.53 0.86 0.01	25.08 1.03 0.01	30.21 1.16 0.01	33.12 1.58 0.01	30.82 1.21 0.01	24.64 0.76 0.01	21.13 0.64 0.01	20.21 0.72 0.00
NYS_BARGE__HYD 23848	20.26 -0.35 0.00	18.84 -0.19 0.00	18.42 -0.06 0.00	17.74 -0.27 0.00	17.82 -0.46 0.00	20.40 -0.25 0.00	25.69 -1.55 0.00	29.22 -2.33 0.00	27.65 -1.95 0.00	21.51 -1.15 0.00	19.02 -1.02 0.00	18.10 -1.05 0.00	17.08 -1.05 0.00	16.44 -1.07 0.00	16.04 -1.02 0.00	16.55 -1.17 0.00	18.35 -1.32 0.00	22.25 -1.80 0.00	26.15 -2.91 0.00	28.43 -3.12 0.00	26.18 -3.43 0.00	21.57 -2.32 0.00	18.76 -1.74 0.00	18.48 -1.01 0.00
OAK_ORCHARD__HYD 24046	20.53 -0.08 0.00	18.99 -0.04 0.00	18.51 0.04 0.00	17.91 -0.11 0.00	18.09 -0.18 0.00	20.56 -0.08 0.00	26.43 -0.82 0.00	30.51 -1.04 0.00	28.71 -0.89 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.64 -0.52 0.00	17.62 -0.51 0.00	16.98 -0.52 0.00	16.57 -0.50 0.00	17.13 -0.58 0.00	18.98 -0.69 0.00	23.16 -0.89 0.00	27.52 -1.54 0.00	30.04 -1.51 0.00	27.84 -1.78 0.00	22.66 -1.22 0.00	19.60 -0.90 0.00	18.97 -0.53 0.00
OAKDALE__35_KV_LOAD 356122	20.99 0.37 0.00	19.37 0.34 0.00	18.83 0.35 0.00	18.28 0.27 0.00	18.55 0.27 0.00	21.08 0.43 0.00	27.60 0.35 0.00	32.12 0.57 0.00	29.96 0.36 0.00	23.05 0.39 0.00	20.30 0.26 0.00	19.36 0.21 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.88 0.16 0.00	19.81 0.14 0.00	24.15 0.10 0.00	29.03 -0.03 0.00	31.74 0.19 0.00	29.44 -0.18 0.00	23.79 -0.10 0.00	20.52 0.02 0.00	19.63 0.14 0.00
OCC_CHEM__DRP 24175	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.11 -0.90 0.00	17.43 -0.84 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.94 -2.66 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.68 -1.47 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.23 -1.49 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.48 -3.57 0.00	27.67 -3.88 0.00	25.41 -4.21 0.00	20.71 -3.18 0.00	18.27 -2.23 0.00	18.15 -1.34 0.00

OH_GEN_PROXY 24063	20.14 -0.47 0.00	18.69 -0.34 0.00	18.25 -0.22 0.00	17.58 -0.43 0.00	17.60 -0.57 0.11	20.36 -0.39 -0.11	26.34 -1.72 -0.81	28.25 -2.49 0.81	27.25 -2.10 0.25	21.69 -1.22 -0.25	18.98 -1.06 0.00	18.06 -1.09 0.00	17.06 -1.07 0.00	16.42 -1.09 0.00	16.04 -1.02 0.00	16.55 -1.17 0.00	18.31 -1.36 0.00	22.20 -1.85 0.00	26.07 -2.99 0.00	28.37 -3.19 0.00	25.25 -3.46 0.90	22.46 -2.32 -0.90	18.76 -1.74 0.00	18.44 -1.05 0.00
OLIN_CORP_DRP 24177	19.98 -0.64 0.00	18.59 -0.44 0.00	18.16 -0.31 0.00	17.28 -0.74 0.00	17.60 -0.68 0.00	20.09 -0.56 0.00	25.25 -1.99 0.00	28.68 -2.87 0.00	27.14 -2.46 0.00	21.19 -1.47 0.00	18.74 -1.30 0.00	17.79 -1.36 0.00	16.84 -1.29 0.00	16.21 -1.30 0.00	15.82 -1.25 0.00	16.33 -1.38 0.00	18.08 -1.59 0.00	21.89 -2.16 0.00	25.69 -3.37 0.00	27.89 -3.66 0.00	25.59 -4.03 0.00	20.85 -3.03 0.00	18.39 -2.11 0.00	18.25 -1.25 0.00
OLIN_CORP_DSASP 323712	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.49 -0.79 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.97 -2.63 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.72 -1.44 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.21 -1.51 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.51 -3.55 0.00	27.70 -3.85 0.00	25.53 -4.09 0.00	21.09 -2.79 0.00	18.37 -2.13 0.00	18.11 -1.38 0.00
ONEIDA_HERK_LFGE 323681	20.94 0.33 0.00	19.32 0.29 0.00	18.73 0.26 0.00	18.27 0.25 0.00	18.53 0.26 0.00	21.00 0.35 0.00	27.82 0.57 0.00	32.50 0.95 0.00	30.28 0.68 0.00	23.05 0.38 0.00	20.30 0.26 0.00	19.38 0.23 0.00	18.27 0.14 0.00	17.63 0.12 0.00	17.15 0.09 0.00	17.81 0.09 0.00	19.79 0.12 0.00	24.34 0.29 0.00	29.52 0.46 0.00	32.28 0.73 0.00	30.06 0.44 0.00	24.15 0.26 0.00	20.66 0.16 0.00	19.67 0.18 0.00
ONEIDA___115KV_TB4 55905	21.25 0.64 0.00	19.60 0.57 0.00	19.03 0.55 0.00	18.52 0.50 0.00	18.80 0.53 0.00	21.28 0.64 0.00	28.11 0.87 0.00	33.03 1.48 0.00	30.79 1.18 0.00	23.43 0.77 0.00	20.64 0.60 0.00	19.69 0.54 0.00	18.58 0.45 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.11 0.39 0.00	20.06 0.39 0.00	24.63 0.58 0.00	29.78 0.73 0.00	32.60 1.04 0.00	30.38 0.77 0.00	24.43 0.55 0.00	20.99 0.49 0.00	19.98 0.49 0.00
ONONDAGA_REF_OCCRA 23987	20.80 0.19 0.00	19.20 0.17 0.00	18.66 0.18 0.00	18.10 0.09 0.00	18.40 0.13 0.00	20.77 0.12 0.00	27.22 -0.03 0.00	31.71 0.16 0.00	29.63 0.03 0.00	22.73 0.07 0.00	20.04 0.00 0.00	19.13 -0.02 0.00	18.13 0.00 0.00	17.49 -0.02 0.00	17.08 0.02 0.00	17.68 -0.04 0.00	19.59 -0.08 0.00	23.93 -0.12 0.00	28.80 -0.26 0.00	31.43 -0.13 0.00	29.26 -0.36 0.00	23.60 -0.29 0.00	20.34 -0.16 0.00	19.41 -0.08 0.00
ONONDAGA___COGEN 23986	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00
ONTARIO___LFGE 23819	21.73 1.11 0.00	20.10 1.07 0.00	19.55 1.07 0.00	18.99 0.97 0.00	19.26 0.99 0.00	22.03 1.38 0.00	28.79 1.55 0.00	33.57 2.02 0.00	31.41 1.81 0.00	24.07 1.41 0.00	21.04 1.00 0.00	20.05 0.90 0.00	18.93 0.80 0.00	18.24 0.74 0.00	17.82 0.75 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.89 0.84 0.00	29.84 0.78 0.00	32.66 1.10 0.00	30.30 0.68 0.00	24.48 0.60 0.00	21.10 0.59 0.00	20.13 0.64 0.00
ORANGEVILLE_WT_PWR 323706	20.47 -0.14 0.00	19.03 0.00 0.00	18.60 0.13 0.00	17.92 -0.09 0.00	18.04 -0.24 0.00	20.69 0.04 0.00	26.07 -1.17 0.00	29.72 -1.83 0.00	28.09 -1.51 0.00	21.87 -0.79 0.00	19.36 -0.68 0.00	18.41 -0.75 0.00	17.37 -0.76 0.00	16.72 -0.79 0.00	16.30 -0.77 0.00	16.81 -0.90 0.00	18.65 -1.02 0.00	22.58 -1.47 0.00	26.56 -2.50 0.00	28.84 -2.71 0.00	26.47 -3.14 0.00	21.69 -2.20 0.00	18.84 -1.66 0.00	18.62 -0.88 0.00
ORANGEVILLE___ESR 323794	20.47 -0.14 0.00	19.03 0.00 0.00	18.60 0.13 0.00	17.92 -0.09 0.00	18.04 -0.24 0.00	20.69 0.04 0.00	26.07 -1.17 0.00	29.72 -1.83 0.00	28.09 -1.51 0.00	21.87 -0.79 0.00	19.36 -0.68 0.00	18.41 -0.75 0.00	17.37 -0.76 0.00	16.72 -0.79 0.00	16.30 -0.77 0.00	16.81 -0.90 0.00	18.65 -1.02 0.00	22.58 -1.47 0.00	26.56 -2.50 0.00	28.84 -2.71 0.00	26.47 -3.14 0.00	21.69 -2.20 0.00	18.84 -1.66 0.00	18.62 -0.88 0.00
OSWEGATCHIE___HYD 24044	20.02 -0.60 0.00	18.44 -0.59 0.00	17.90 -0.57 0.00	17.47 -0.54 0.00	17.74 -0.53 0.00	20.11 -0.54 0.00	26.64 -0.60 0.00	30.86 -0.69 0.00	28.86 -0.74 0.00	21.96 -0.70 0.00	19.40 -0.64 0.00	18.48 -0.67 0.00	17.44 -0.69 0.00	16.82 -0.68 0.00	16.35 -0.72 0.00	16.97 -0.74 0.00	18.90 -0.77 0.00	23.31 -0.75 0.00	28.27 -0.78 0.00	30.67 -0.88 0.00	28.82 -0.80 0.00	23.17 -0.72 0.00	19.78 -0.72 0.00	18.79 -0.70 0.00
OSWEGO___5 23606	20.41 -0.21 0.00	18.84 -0.19 0.00	18.31 -0.17 0.00	17.82 -0.20 0.00	18.06 -0.22 0.00	20.31 -0.33 0.00	26.64 -0.60 0.00	30.92 -0.63 0.00	28.95 -0.65 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.77 -0.38 0.00	17.77 -0.36 0.00	17.16 -0.35 0.00	16.74 -0.32 0.00	17.34 -0.37 0.00	19.22 -0.45 0.00	23.45 -0.60 0.00	28.27 -0.78 0.00	30.80 -0.76 0.00	28.75 -0.86 0.00	23.24 -0.64 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
OSWEGO___6 23613	20.41 -0.21 0.00	18.84 -0.19 0.00	18.31 -0.17 0.00	17.82 -0.20 0.00	18.06 -0.22 0.00	20.31 -0.33 0.00	26.64 -0.60 0.00	30.92 -0.63 0.00	28.95 -0.65 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.77 -0.38 0.00	17.77 -0.36 0.00	17.16 -0.35 0.00	16.74 -0.32 0.00	17.34 -0.37 0.00	19.22 -0.45 0.00	23.45 -0.60 0.00	28.27 -0.78 0.00	30.80 -0.76 0.00	28.75 -0.86 0.00	23.24 -0.64 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	20.41 -0.21 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.96 -0.31 0.00	20.58 -0.06 0.00	25.91 -1.33 0.00	29.44 -2.11 0.00	27.88 -1.72 0.00	21.71 -0.95 0.00	19.22 -0.82 0.00	18.23 -0.92 0.00	17.24 -0.89 0.00	16.60 -0.91 0.00	16.18 -0.89 0.00	16.71 -1.01 0.00	18.51 -1.16 0.00	22.44 -1.61 0.00	26.36 -2.70 0.00	28.62 -2.93 0.00	26.21 -3.41 0.00	21.35 -2.53 0.00	18.78 -1.72 0.00	18.62 -0.88 0.00
OXBOW___BTM 323836	20.14 -0.47 0.00	18.71 -0.32 0.00	18.29 -0.18 0.00	17.60 -0.41 0.00	17.74 -0.53 0.00	20.27 -0.37 0.00	25.50 -1.74 0.00	28.96 -2.59 0.00	27.44 -2.16 0.00	21.37 -1.29 0.00	18.92 -1.12 0.00	18.00 -1.15 0.00	17.01 -1.12 0.00	16.37 -1.14 0.00	15.96 -1.11 0.00	16.46 -1.26 0.00	18.24 -1.44 0.00	22.10 -1.95 0.00	25.95 -3.11 0.00	28.21 -3.35 0.00	25.94 -3.67 0.00	21.42 -2.46 0.00	18.64 -1.87 0.00	18.36 -1.13 0.00

OXBOW____ 24026	20.14 -0.47 0.00	18.71 -0.32 0.00	18.29 -0.18 0.00	17.38 -0.63 0.00	17.71 -0.57 0.00	20.27 -0.37 0.00	25.50 -1.74 0.00	28.96 -2.59 0.00	27.41 -2.19 0.00	21.39 -1.27 0.00	18.92 -1.12 0.00	17.97 -1.19 0.00	16.99 -1.14 0.00	16.37 -1.14 0.00	15.96 -1.11 0.00	16.48 -1.24 0.00	18.23 -1.44 0.00	22.10 -1.95 0.00	25.92 -3.14 0.00	28.15 -3.41 0.00	25.82 -3.79 0.00	21.04 -2.84 0.00	18.53 -1.97 0.00	18.38 -1.11 0.00
OXY_CHEM_DSASP 323612	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.11 -0.90 0.00	17.43 -0.84 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.94 -2.66 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.68 -1.47 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.23 -1.49 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.48 -3.57 0.00	27.67 -3.88 0.00	25.41 -4.21 0.00	20.71 -3.18 0.00	18.27 -2.23 0.00	18.15 -1.34 0.00
OZONE_PARK_ESR 323760	20.97 0.35 0.00	19.34 0.30 0.00	18.70 0.22 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.02 0.37 0.00	28.06 0.82 0.00	33.16 1.61 0.00	30.82 1.21 0.00	23.70 1.04 0.00	21.00 0.96 0.00	20.17 1.02 0.00	19.15 1.02 0.00	18.52 1.02 0.00	18.02 0.96 0.00	18.82 1.10 0.00	20.79 1.12 0.00	25.40 1.35 0.00	30.66 1.60 0.00	33.64 2.08 0.00	31.27 1.66 0.00	25.08 1.19 0.00	21.44 0.94 0.00	20.35 0.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.11 -0.90 0.00	17.43 -0.84 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.94 -2.66 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.68 -1.47 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.23 -1.49 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.48 -3.57 0.00	27.67 -3.88 0.00	25.41 -4.21 0.00	20.71 -3.18 0.00	18.27 -2.23 0.00	18.15 -1.34 0.00
PACKARD__115KV_DUPONT_184 80571	19.85 -0.76 0.00	18.42 -0.61 0.00	18.01 -0.46 0.00	17.11 -0.90 0.00	17.43 -0.84 0.00	19.96 -0.68 0.00	25.06 -2.18 0.00	28.46 -3.09 0.00	26.94 -2.66 0.00	21.03 -1.63 0.00	18.62 -1.42 0.00	17.68 -1.47 0.00	16.73 -1.40 0.00	16.11 -1.40 0.00	15.73 -1.33 0.00	16.23 -1.49 0.00	17.96 -1.71 0.00	21.74 -2.31 0.00	25.48 -3.57 0.00	27.67 -3.88 0.00	25.41 -4.21 0.00	20.71 -3.18 0.00	18.27 -2.23 0.00	18.15 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.82 0.21 0.00	19.15 0.11 0.00	18.49 0.02 0.00	18.21 0.20 0.00	18.40 0.13 0.00	20.73 0.08 0.00	27.65 0.41 0.00	32.62 1.07 0.00	30.34 0.74 0.00	23.39 0.73 0.00	20.72 0.68 0.00	19.92 0.77 0.00	18.91 0.78 0.00	18.36 0.86 0.00	17.83 0.77 0.00	18.66 0.94 0.00	20.54 0.87 0.00	25.09 1.03 0.00	30.22 1.16 0.00	33.10 1.55 0.00	30.83 1.21 0.00	24.74 0.86 0.00	21.16 0.66 0.00	20.19 0.70 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.97 0.35 0.00	19.28 0.25 0.00	18.64 0.17 0.00	18.34 0.32 0.00	18.53 0.26 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.69 1.02 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.29 1.74 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.31 0.82 0.00
PATROON__115KV_TB1 80586	21.03 0.41 0.00	19.41 0.38 0.00	18.83 0.35 0.00	18.41 0.40 0.00	18.64 0.37 0.00	21.12 0.47 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.40 0.80 0.00	23.18 0.52 0.00	20.52 0.48 0.00	19.63 0.48 0.00	18.55 0.42 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.14 0.43 0.00	20.18 0.51 0.00	24.70 0.65 0.00	29.99 0.93 0.00	32.82 1.26 0.00	30.65 1.04 0.00	24.69 0.81 0.00	21.14 0.64 0.00	20.04 0.55 0.00
PATTRSNVILLE__SOLAR 323815	21.05 0.43 0.00	19.43 0.40 0.00	18.84 0.37 0.00	18.39 0.38 0.00	18.66 0.38 0.00	21.14 0.49 0.00	28.06 0.82 0.00	32.72 1.17 0.00	30.43 0.83 0.00	23.18 0.52 0.00	20.48 0.44 0.00	19.56 0.40 0.00	18.49 0.36 0.00	17.84 0.33 0.00	17.41 0.34 0.00	18.09 0.37 0.00	20.14 0.47 0.00	24.70 0.65 0.00	29.99 0.93 0.00	32.78 1.23 0.00	30.62 1.01 0.00	24.65 0.76 0.00	21.12 0.61 0.00	20.02 0.53 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.05 0.43 0.00	19.55 0.51 0.00	19.08 0.61 0.00	18.21 0.20 0.00	18.53 0.26 0.00	21.31 0.66 0.00	26.94 -0.30 0.00	30.76 -0.79 0.00	28.98 -0.62 0.00	22.62 -0.05 0.00	19.96 -0.08 0.00	18.94 -0.21 0.00	17.91 -0.22 0.00	17.24 -0.26 0.00	16.81 -0.26 0.00	17.36 -0.35 0.00	19.30 -0.37 0.00	23.33 -0.72 0.00	27.49 -1.57 0.00	29.91 -1.64 0.00	27.36 -2.25 0.00	22.28 -1.60 0.00	19.54 -0.96 0.00	19.24 -0.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.01 0.39 0.00	19.36 0.32 0.00	18.73 0.26 0.00	18.37 0.36 0.00	18.55 0.27 0.00	21.02 0.37 0.00	28.06 0.82 0.00	33.07 1.51 0.00	30.73 1.12 0.00	23.45 0.79 0.00	20.74 0.70 0.00	19.82 0.67 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.70 0.63 0.00	18.43 0.71 0.00	20.50 0.83 0.00	25.11 1.06 0.00	30.34 1.28 0.00	33.35 1.80 0.00	31.07 1.45 0.00	24.98 1.10 0.00	21.34 0.84 0.00	20.23 0.74 0.00
PEEKSKILL____ 23653	20.80 0.19 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.16 0.14 0.00	18.40 0.13 0.00	20.87 0.23 0.00	27.82 0.57 0.00	32.75 1.20 0.00	30.40 0.80 0.00	23.36 0.70 0.00	20.68 0.64 0.00	19.80 0.65 0.00	18.78 0.65 0.00	18.16 0.65 0.00	17.68 0.61 0.00	18.43 0.71 0.00	20.44 0.77 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.19 0.00	24.69 0.81 0.00	21.18 0.68 0.00	20.10 0.60 0.00
PGE MADISON__WINDPWR 24146	22.61 2.00 0.00	20.84 1.81 0.00	20.23 1.76 0.00	19.73 1.71 0.00	19.97 1.70 0.00	22.79 2.15 0.00	30.19 2.94 0.00	35.49 3.94 0.00	32.77 3.17 0.00	24.77 2.11 0.00	21.62 1.58 0.00	20.59 1.44 0.00	19.33 1.20 0.00	18.59 1.09 0.00	18.11 1.04 0.00	18.76 1.05 0.00	20.93 1.26 0.00	25.90 1.85 0.00	31.41 2.35 0.00	34.68 3.12 0.00	32.13 2.52 0.00	25.82 1.93 0.00	22.16 1.66 0.00	21.13 1.64 0.00
PIERCEFIELD__HYD 23852	19.96 -0.66 0.00	18.40 -0.63 0.00	17.88 -0.59 0.00	17.46 -0.56 0.00	17.73 -0.55 0.00	20.11 -0.54 0.00	26.62 -0.63 0.00	30.60 -0.95 0.00	28.89 -0.71 0.00	22.03 -0.63 0.00	19.46 -0.58 0.00	18.56 -0.59 0.00	17.53 -0.60 0.00	16.93 -0.58 0.00	16.45 -0.61 0.00	17.08 -0.64 0.00	19.02 -0.65 0.00	23.38 -0.67 0.00	28.30 -0.76 0.00	30.42 -1.14 0.00	28.90 -0.71 0.00	23.33 -0.55 0.00	19.95 -0.55 0.00	18.87 -0.62 0.00
PINELAWN_CC_1 323563	21.01 0.39 0.00	19.45 0.42 0.00	18.73 0.26 0.00	18.34 0.32 0.00	18.60 0.33 0.00	21.22 0.58 0.00	28.58 1.33 0.00	35.28 2.18 -1.56	31.05 1.45 0.00	23.86 1.20 0.00	21.14 1.10 0.00	20.17 1.01 0.00	19.02 0.89 0.00	18.42 0.91 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.23 1.34 -0.22	27.59 1.64 -1.91	32.68 2.00 -1.62	36.77 2.59 -2.63	33.21 2.07 -1.52	28.36 1.51 -2.98	21.96 1.27 -0.19	20.67 1.17 -0.01

PJM_GEN_HTP_PROXY 323702	20.78 0.16 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.18 0.16 0.00	18.31 0.15 0.11	20.98 0.23 -0.11	28.65 0.60 -0.81	32.07 1.32 0.81	30.27 0.92 0.25	23.75 0.84 -0.25	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.61 0.94 0.00	25.16 1.11 0.00	30.33 1.28 0.00	33.32 1.77 0.00	30.08 1.36 0.90	25.68 0.91 -0.90	21.26 0.76 0.00	20.17 0.68 0.00
PJM_GEN_KEystone 24065	20.64 0.02 0.00	19.09 0.06 0.00	18.53 0.06 0.00	18.03 0.02 0.00	18.11 -0.05 0.11	20.90 0.15 -0.11	27.92 -0.14 -0.81	30.71 -0.03 0.81	29.10 -0.18 0.33	23.10 0.11 -0.33	20.14 0.10 0.00	19.23 0.08 0.00	18.22 0.09 0.00	17.58 0.07 0.00	17.13 0.07 0.00	17.77 0.05 0.00	19.73 0.06 0.00	23.98 -0.07 0.00	28.71 -0.35 0.00	31.46 -0.09 0.00	28.21 -0.50 0.90	24.42 -0.36 -0.90	20.34 -0.16 0.00	19.49 0.00 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.84 0.23 0.00	19.28 0.25 0.00	18.59 0.11 0.00	18.19 0.18 0.00	18.35 0.18 0.11	21.13 0.37 -0.11	29.01 0.95 -0.81	34.00 1.70 -0.75	30.48 1.12 0.25	23.88 0.97 -0.25	20.92 0.88 0.00	19.99 0.84 0.00	18.91 0.78 0.00	18.30 0.79 0.00	17.83 0.77 0.00	18.58 0.87 0.00	20.99 1.10 -0.22	27.28 1.32 -1.91	32.27 1.60 -1.62	36.26 2.08 -2.62	31.90 1.66 -0.63	28.92 1.17 -3.87	21.67 0.98 -0.19	20.42 0.92 -0.01
PJM_GEN_VFT_PROXY 323633	20.66 0.04 0.00	19.07 0.04 0.00	18.44 -0.04 0.00	18.07 0.05 0.00	18.20 0.04 0.11	20.84 0.08 -0.11	28.46 0.41 -0.81	31.85 1.10 0.81	30.09 0.74 0.25	23.61 0.70 -0.25	20.72 0.68 0.00	19.88 0.73 0.00	18.89 0.76 0.00	18.30 0.79 0.00	17.80 0.73 0.00	18.57 0.85 0.00	20.50 0.83 0.00	25.04 0.99 0.00	30.16 1.10 0.00	33.13 1.58 0.00	29.87 1.15 0.90	25.54 0.76 -0.90	21.14 0.64 0.00	20.04 0.55 0.00
PLATSBRG_115KV_PMLD1 355749	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.64 0.63 0.00	18.95 0.68 0.00	21.49 0.85 0.00	27.95 0.71 0.00	32.12 0.57 0.00	30.31 0.71 0.00	23.20 0.54 0.00	20.50 0.46 0.00	19.54 0.38 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.32 0.26 0.00	18.04 0.32 0.00	20.12 0.45 0.00	24.70 0.65 0.00	29.78 0.73 0.00	32.00 0.44 0.00	30.35 0.74 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.14 0.64 0.00
PLEASANTVLY__LBMP 24000	20.74 0.12 0.00	19.13 0.10 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.71 0.46 0.00	32.53 0.98 0.00	30.19 0.59 0.00	23.14 0.48 0.00	20.48 0.44 0.00	19.63 0.48 0.00	18.60 0.47 0.00	17.96 0.46 0.00	17.51 0.44 0.00	18.23 0.51 0.00	20.22 0.55 0.00	24.72 0.67 0.00	29.93 0.87 0.00	32.85 1.29 0.00	30.56 0.95 0.00	24.62 0.74 0.00	21.05 0.55 0.00	19.98 0.49 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	20.84 0.23 0.00	19.22 0.19 0.00	18.60 0.13 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.81 1.26 0.00	30.46 0.86 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.86 0.71 0.00	18.82 0.69 0.00	18.19 0.68 0.00	17.71 0.65 0.00	18.48 0.76 0.00	20.48 0.81 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.20 1.64 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	20.84 0.23 0.00	19.22 0.19 0.00	18.60 0.13 0.00	18.23 0.22 0.00	18.46 0.18 0.00	20.91 0.27 0.00	27.90 0.65 0.00	32.81 1.26 0.00	30.46 0.86 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.86 0.71 0.00	18.82 0.69 0.00	18.19 0.68 0.00	17.71 0.65 0.00	18.48 0.76 0.00	20.48 0.81 0.00	25.04 0.99 0.00	30.25 1.19 0.00	33.20 1.64 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.90 0.29 0.00	19.28 0.25 0.00	18.66 0.18 0.00	18.28 0.27 0.00	18.51 0.24 0.00	20.97 0.33 0.00	27.95 0.71 0.00	32.81 1.26 0.00	30.43 0.83 0.00	23.25 0.59 0.00	20.58 0.54 0.00	19.69 0.54 0.00	18.64 0.51 0.00	18.01 0.51 0.00	17.54 0.48 0.00	18.28 0.57 0.00	20.34 0.67 0.00	24.87 0.82 0.00	30.13 1.08 0.00	33.13 1.58 0.00	30.89 1.27 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.14 0.64 0.00
POLETTI____ 23519	20.76 0.14 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.19 0.18 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.46 0.86 0.00	23.45 0.79 0.00	20.78 0.74 0.00	19.98 0.82 0.00	18.95 0.82 0.00	18.35 0.84 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.58 0.90 0.00	25.13 1.08 0.00	30.31 1.25 0.00	33.26 1.70 0.00	30.92 1.30 0.00	24.81 0.93 0.00	21.24 0.74 0.00	20.14 0.64 0.00
POMONA____ESR 323819	20.80 0.19 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.18 0.16 0.00	18.42 0.15 0.00	20.91 0.27 0.00	27.84 0.60 0.00	32.75 1.20 0.00	30.43 0.83 0.00	23.39 0.72 0.00	20.70 0.66 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.16 0.65 0.00	17.70 0.63 0.00	18.43 0.71 0.00	20.46 0.79 0.00	24.97 0.91 0.00	30.16 1.10 0.00	33.13 1.58 0.00	30.80 1.19 0.00	24.69 0.81 0.00	21.20 0.70 0.00	20.10 0.60 0.00
PORT_JEFF_3 23555	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.29 0.64 0.00	28.74 1.50 0.00	35.50 2.40 -1.56	31.14 1.54 0.00	23.88 1.22 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.27 1.38 -0.22	27.71 1.75 -1.91	32.92 2.24 -1.62	37.02 2.84 -2.63	33.39 2.25 -1.52	28.48 1.62 -2.98	22.02 1.33 -0.19	20.79 1.29 -0.01
PORT_JEFF_4 23616	20.99 0.37 0.00	19.49 0.46 0.00	18.75 0.28 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.29 0.64 0.00	28.74 1.50 0.00	35.50 2.40 -1.56	31.14 1.54 0.00	23.88 1.22 0.00	21.18 1.14 0.00	20.19 1.03 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.73 1.01 0.00	21.27 1.38 -0.22	27.71 1.75 -1.91	32.92 2.24 -1.62	37.02 2.84 -2.63	33.39 2.25 -1.52	28.48 1.62 -2.98	22.02 1.33 -0.19	20.79 1.29 -0.01
PORT_JEFF_IC 23713	21.01 0.39 0.00	19.53 0.49 0.00	18.77 0.30 0.00	18.43 0.41 0.00	18.64 0.37 0.00	21.31 0.66 0.00	28.74 1.50 0.00	35.53 2.43 -1.55	31.17 1.57 0.00	23.91 1.25 0.00	21.20 1.16 0.00	20.23 1.07 0.00	19.04 0.91 0.00	18.45 0.95 0.00	17.99 0.92 0.00	18.74 1.03 0.00	21.28 1.40 -0.21	27.75 1.80 -1.90	32.94 2.27 -1.61	37.04 2.87 -2.62	33.41 2.28 -1.51	28.59 1.74 -2.97	22.05 1.37 -0.18	20.80 1.31 0.00
PPL PILGRIM_ST_GT1 24216	21.05 0.43 0.00	19.53 0.49 0.00	18.79 0.31 0.00	18.39 0.38 0.00	18.68 0.40 0.00	21.30 0.66 0.00	28.72 1.47 0.00	35.47 2.37 -1.56	31.20 1.60 0.00	23.95 1.29 0.00	21.22 1.18 0.00	20.23 1.07 0.00	19.07 0.94 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.78 1.06 0.00	21.31 1.42 -0.22	27.71 1.75 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.39 2.25 -1.52	28.48 1.62 -2.98	22.04 1.35 -0.19	20.79 1.29 -0.01

PPL PILGRIM_ST_GT2 24217	21.05 0.43 0.00	19.53 0.49 0.00	18.79 0.31 0.00	18.39 0.38 0.00	18.68 0.40 0.00	21.30 0.66 0.00	28.72 1.47 0.00	35.47 2.37 -1.56	31.20 1.60 0.00	23.95 1.29 0.00	21.22 1.18 0.00	20.23 1.07 0.00	19.07 0.94 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.78 1.06 0.00	21.31 1.42 -0.22	27.71 1.75 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.39 2.25 -1.52	28.48 1.62 -2.98	22.04 1.35 -0.19	20.79 1.29 -0.01
PPL_SHRM_GT3 24213	20.78 0.16 0.00	19.32 0.29 0.00	18.59 0.11 0.00	18.18 0.16 0.00	18.46 0.18 0.00	21.20 0.56 0.00	28.72 1.47 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.66 1.00 0.00	20.96 0.92 0.00	19.98 0.82 0.00	18.82 0.69 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.53 0.82 0.00	21.09 1.20 -0.22	27.59 1.64 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.87 1.19 -0.19	20.75 1.25 -0.01
PPL_SHRM_GT4 24214	20.78 0.16 0.00	19.32 0.29 0.00	18.59 0.11 0.00	18.18 0.16 0.00	18.46 0.18 0.00	21.20 0.56 0.00	28.72 1.47 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.66 1.00 0.00	20.96 0.92 0.00	19.98 0.82 0.00	18.82 0.69 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.53 0.82 0.00	21.09 1.20 -0.22	27.59 1.64 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.87 1.19 -0.19	20.75 1.25 -0.01
PROJECT___ORANGE 1 24174	20.72 0.10 0.00	19.13 0.10 0.00	18.59 0.11 0.00	18.05 0.04 0.00	18.33 0.05 0.00	20.67 0.02 0.00	27.08 -0.16 0.00	31.55 0.00 0.00	29.48 -0.12 0.00	22.62 -0.05 0.00	19.98 -0.06 0.00	19.08 -0.08 0.00	18.06 -0.07 0.00	17.44 -0.07 0.00	17.01 -0.05 0.00	17.61 -0.11 0.00	19.51 -0.16 0.00	23.84 -0.22 0.00	28.65 -0.41 0.00	31.27 -0.28 0.00	29.11 -0.50 0.00	23.45 -0.43 0.00	20.23 -0.27 0.00	19.34 -0.16 0.00
PROJECT___ORANGE 2 24166	20.72 0.10 0.00	19.13 0.10 0.00	18.59 0.11 0.00	18.05 0.04 0.00	18.33 0.05 0.00	20.67 0.02 0.00	27.08 -0.16 0.00	31.55 0.00 0.00	29.48 -0.12 0.00	22.62 -0.05 0.00	19.98 -0.06 0.00	19.08 -0.08 0.00	18.06 -0.07 0.00	17.44 -0.07 0.00	17.01 -0.05 0.00	17.61 -0.11 0.00	19.51 -0.16 0.00	23.84 -0.22 0.00	28.65 -0.41 0.00	31.27 -0.28 0.00	29.11 -0.50 0.00	23.45 -0.43 0.00	20.23 -0.27 0.00	19.34 -0.16 0.00
PUCKETT___SOLAR 323809	21.36 0.74 0.00	19.72 0.68 0.00	19.16 0.68 0.00	18.64 0.63 0.00	18.90 0.62 0.00	21.51 0.87 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.41 0.75 0.00	20.52 0.48 0.00	19.56 0.40 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.00 0.28 0.00	20.03 0.35 0.00	24.58 0.53 0.00	29.64 0.58 0.00	32.50 0.95 0.00	30.18 0.56 0.00	24.36 0.48 0.00	20.97 0.47 0.00	20.02 0.53 0.00
PYRITES___HYD 24023	20.37 -0.25 0.00	18.78 -0.25 0.00	18.25 -0.22 0.00	17.82 -0.20 0.00	18.11 -0.16 0.00	20.58 -0.06 0.00	27.27 0.03 0.00	31.39 -0.16 0.00	29.63 0.03 0.00	22.55 -0.11 0.00	19.94 -0.10 0.00	19.02 -0.13 0.00	17.95 -0.18 0.00	17.31 -0.19 0.00	16.83 -0.24 0.00	17.43 -0.28 0.00	19.40 -0.28 0.00	23.84 -0.22 0.00	28.91 -0.15 0.00	31.11 -0.44 0.00	29.58 -0.03 0.00	23.86 -0.02 0.00	20.40 -0.10 0.00	19.28 -0.21 0.00
QUAKERRD_115KV_BK1 80622	20.00 -0.62 0.00	18.50 -0.53 0.00	18.01 -0.46 0.00	17.35 -0.67 0.00	17.65 -0.62 0.00	20.00 -0.64 0.00	25.85 -1.39 0.00	29.91 -1.64 0.00	28.09 -1.51 0.00	21.66 -1.00 0.00	19.14 -0.90 0.00	18.21 -0.94 0.00	17.24 -0.89 0.00	16.63 -0.88 0.00	16.23 -0.84 0.00	16.78 -0.94 0.00	18.59 -1.08 0.00	22.70 -1.35 0.00	27.05 -2.00 0.00	29.50 -2.05 0.00	27.36 -2.25 0.00	22.07 -1.82 0.00	19.19 -1.31 0.00	18.54 -0.96 0.00
QUENSBRY_115KV_TB8 356137	21.23 0.62 0.00	19.56 0.53 0.00	18.97 0.50 0.00	18.54 0.52 0.00	18.77 0.49 0.00	21.33 0.68 0.00	28.44 1.20 0.00	33.26 1.70 0.00	30.93 1.33 0.00	23.39 0.73 0.00	20.70 0.66 0.00	19.75 0.59 0.00	18.62 0.49 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.09 0.37 0.00	20.24 0.57 0.00	24.87 0.82 0.00	30.31 1.25 0.00	33.20 1.64 0.00	31.04 1.42 0.00	24.93 1.05 0.00	21.34 0.84 0.00	20.10 0.60 0.00
RAMAPO___LBMP 323565	20.74 0.12 0.00	19.15 0.11 0.00	18.51 0.04 0.00	18.16 0.14 0.00	18.37 0.09 0.00	20.85 0.21 0.00	27.73 0.49 0.00	32.66 1.10 0.00	30.31 0.71 0.00	23.30 0.63 0.00	20.62 0.58 0.00	19.77 0.61 0.00	18.73 0.60 0.00	18.10 0.60 0.00	17.63 0.56 0.00	18.37 0.66 0.00	20.38 0.71 0.00	24.87 0.82 0.00	30.05 0.99 0.00	33.01 1.45 0.00	30.68 1.07 0.00	24.69 0.81 0.00	21.14 0.64 0.00	20.02 0.53 0.00
RANKINE____ 23646	20.74 0.12 0.00	19.26 0.23 0.00	18.81 0.33 0.00	17.92 -0.09 0.00	18.24 -0.04 0.00	20.93 0.29 0.00	26.40 -0.84 0.00	30.10 -1.45 0.00	28.42 -1.18 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.58 -0.57 0.00	17.57 -0.56 0.00	16.91 -0.60 0.00	16.50 -0.56 0.00	17.03 -0.69 0.00	18.88 -0.79 0.00	22.85 -1.20 0.00	26.88 -2.18 0.00	29.22 -2.34 0.00	26.74 -2.87 0.00	21.76 -2.13 0.00	19.13 -1.37 0.00	18.91 -0.58 0.00
RAVENSWOOD_GT2_1 24244	20.80 0.19 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.34 1.28 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.17 0.68 0.00
RAVENSWOOD_GT2_2 24245	20.80 0.19 0.00	19.18 0.15 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.80 0.76 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.34 1.28 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.17 0.68 0.00
RAVENSWOOD_GT2_3 24246	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.19 0.70 0.00
RAVENSWOOD_GT2_4 24247	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.36 0.86 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.19 0.70 0.00

RAVENSWOOD_GT3_1 24248	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT3_2 24249	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT3_3 24250	20.84 0.23 0.00	19.22 0.19 0.00	18.59 0.11 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.01 0.86 0.00	18.98 0.85 0.00	18.38 0.88 0.00	17.89 0.82 0.00	18.66 0.94 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.35 1.80 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
RAVENSWOOD_GT3_4 24251	20.84 0.23 0.00	19.22 0.19 0.00	18.59 0.11 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.01 0.86 0.00	18.98 0.85 0.00	18.38 0.88 0.00	17.89 0.82 0.00	18.66 0.94 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.35 1.80 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
RAVENSWOOD_GT_1 23729	20.84 0.23 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.25 0.23 0.00	18.44 0.16 0.00	20.85 0.21 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.55 0.95 0.00	23.54 0.88 0.00	20.84 0.80 0.00	20.03 0.88 0.00	19.02 0.89 0.00	18.43 0.93 0.00	17.92 0.85 0.00	18.73 1.01 0.00	20.65 0.98 0.00	25.23 1.18 0.00	30.39 1.34 0.00	33.32 1.77 0.00	31.01 1.39 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.23 0.74 0.00
RAVENSWOOD_GT_10 24258	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_11 24259	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_4 24252	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_5 24254	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_6 24253	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_7 24255	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.88 1.33 0.00	30.55 0.95 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.85 0.79 0.00	18.62 0.90 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD_GT_9 24257	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.00 0.84 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.36 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.88 1.00 0.00	21.28 0.78 0.00	20.17 0.68 0.00
RAVENSWOOD___1 23533	20.84 0.23 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.19 0.18 0.00	18.44 0.16 0.00	20.83 0.19 0.00	27.82 0.57 0.00	32.81 1.26 0.00	30.52 0.92 0.00	23.52 0.86 0.00	20.84 0.80 0.00	20.02 0.86 0.00	19.02 0.89 0.00	18.42 0.91 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.29 1.73 0.00	30.98 1.36 0.00	24.79 0.91 0.00	21.26 0.76 0.00	20.21 0.72 0.00
RAVENSWOOD___2 23534	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.83 0.19 0.00	27.82 0.57 0.00	32.78 1.23 0.00	30.52 0.92 0.00	23.52 0.86 0.00	20.82 0.78 0.00	20.02 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.92 0.85 0.00	18.69 0.97 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.37 1.31 0.00	33.29 1.73 0.00	30.98 1.36 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.21 0.72 0.00

RAVENSWOOD___3 23535	20.80 0.19 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.96 0.83 0.00	18.35 0.84 0.00	17.87 0.80 0.00	18.64 0.92 0.00	20.60 0.92 0.00	25.16 1.11 0.00	30.37 1.31 0.00	33.32 1.77 0.00	30.98 1.36 0.00	24.79 0.91 0.00	21.26 0.76 0.00	20.17 0.68 0.00
RAVENSWOOD___4 23820	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.42 0.15 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	19.99 0.84 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.69 0.97 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.37 1.31 0.00	33.29 1.73 0.00	30.98 1.36 0.00	24.77 0.88 0.00	21.24 0.74 0.00	20.21 0.72 0.00
RCPL_TRUST___DRP 24196	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.52 0.86 0.00	20.86 0.82 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
RED___ROCHESTER 323720	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.98 -0.04 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.89 -0.71 0.00	22.28 -0.39 0.00	19.68 -0.36 0.00	18.75 -0.40 0.00	17.73 -0.40 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.23 -1.32 0.00	28.01 -1.60 0.00	22.78 -1.10 0.00	19.70 -0.80 0.00	19.05 -0.45 0.00
REGAN___SOLAR 323812	22.39 1.77 0.00	20.65 1.62 0.00	20.03 1.55 0.00	19.53 1.51 0.00	19.77 1.50 0.00	22.56 1.92 0.00	30.13 2.89 0.00	35.30 3.75 0.00	32.62 3.02 0.00	24.56 1.90 0.00	21.44 1.40 0.00	20.44 1.28 0.00	19.29 1.16 0.00	18.58 1.07 0.00	18.14 1.08 0.00	18.92 1.21 0.00	21.28 1.61 0.00	26.34 2.29 0.00	32.14 3.08 0.00	35.24 3.69 0.00	32.90 3.29 0.00	26.34 2.46 0.00	22.53 2.03 0.00	21.19 1.70 0.00
RENSSELAER___COGEN 23796	20.88 0.27 0.00	19.28 0.25 0.00	18.71 0.24 0.00	18.27 0.25 0.00	18.53 0.26 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.47 0.92 0.00	30.19 0.59 0.00	23.02 0.36 0.00	20.38 0.34 0.00	19.48 0.33 0.00	18.42 0.29 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.02 0.30 0.00	20.06 0.39 0.00	24.53 0.48 0.00	29.78 0.73 0.00	32.59 1.04 0.00	30.41 0.80 0.00	24.50 0.62 0.00	20.99 0.49 0.00	19.94 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.87 1.26 0.00	20.10 1.07 0.00	19.47 1.00 0.00	19.00 0.99 0.00	19.22 0.95 0.00	21.88 1.24 0.00	29.34 2.10 0.00	34.20 2.65 0.00	31.82 2.22 0.00	23.91 1.25 0.00	21.16 1.12 0.00	20.15 1.00 0.00	18.93 0.80 0.00	18.17 0.67 0.00	17.70 0.63 0.00	18.37 0.66 0.00	20.65 0.98 0.00	25.42 1.37 0.00	31.24 2.18 0.00	34.30 2.75 0.00	32.19 2.58 0.00	25.72 1.84 0.00	22.02 1.52 0.00	20.62 1.13 0.00
REVERE_CPPR_DRP 24186	21.40 0.78 0.00	19.72 0.69 0.00	19.14 0.67 0.00	18.63 0.61 0.00	18.91 0.64 0.00	21.43 0.78 0.00	28.36 1.12 0.00	33.32 1.77 0.00	31.05 1.45 0.00	23.57 0.91 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.66 0.53 0.00	17.98 0.47 0.00	17.49 0.43 0.00	18.14 0.43 0.00	20.14 0.47 0.00	24.80 0.75 0.00	30.05 0.99 0.00	32.88 1.33 0.00	30.65 1.04 0.00	24.62 0.74 0.00	21.12 0.62 0.00	20.12 0.62 0.00
REYNOLDS_115KV_TB3 80639	20.80 0.19 0.00	19.22 0.19 0.00	18.64 0.17 0.00	18.23 0.22 0.00	18.48 0.20 0.00	20.93 0.29 0.00	27.79 0.54 0.00	32.40 0.85 0.00	30.08 0.47 0.00	22.93 0.27 0.00	20.32 0.28 0.00	19.44 0.29 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.29 0.22 0.00	17.96 0.25 0.00	20.01 0.33 0.00	24.46 0.41 0.00	29.73 0.67 0.00	32.53 0.98 0.00	30.35 0.74 0.00	24.48 0.60 0.00	20.95 0.45 0.00	19.88 0.39 0.00
RIVERBAY____ 323610	20.97 0.35 0.00	19.28 0.25 0.00	18.64 0.17 0.00	18.34 0.32 0.00	18.53 0.26 0.00	20.87 0.23 0.00	27.84 0.60 0.00	32.85 1.29 0.00	30.55 0.95 0.00	23.52 0.86 0.00	20.80 0.76 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.45 0.95 0.00	17.92 0.85 0.00	18.71 0.99 0.00	20.69 1.02 0.00	25.18 1.13 0.00	30.36 1.31 0.00	33.29 1.74 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.31 0.82 0.00
RIVERSDE_115KV_TB3 55908	20.88 0.27 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.00 0.35 0.00	27.87 0.63 0.00	32.50 0.95 0.00	30.19 0.59 0.00	23.02 0.36 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.44 0.31 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.06 0.39 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.47 0.86 0.00	24.55 0.67 0.00	21.01 0.51 0.00	19.94 0.45 0.00
ROARING___BROOK_WT_PWR 323790	20.41 -0.21 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.91 -0.11 0.00	18.20 -0.07 0.00	20.58 -0.06 0.00	27.19 -0.05 0.00	31.39 -0.16 0.00	29.54 -0.06 0.00	22.62 -0.05 0.00	20.00 -0.04 0.00	19.11 -0.04 0.00	18.09 -0.04 0.00	17.47 -0.03 0.00	17.01 -0.05 0.00	17.66 -0.05 0.00	19.63 -0.04 0.00	24.03 -0.02 0.00	29.03 -0.03 0.00	31.37 -0.19 0.00	29.55 -0.06 0.00	23.81 -0.07 0.00	20.40 -0.10 0.00	19.32 -0.18 0.00
ROCHESRG_115KV_T4 355643	20.43 -0.19 0.00	18.92 -0.11 0.00	18.42 -0.06 0.00	17.69 -0.32 0.00	18.02 -0.26 0.00	20.46 -0.19 0.00	26.29 -0.95 0.00	30.32 -1.23 0.00	28.54 -1.07 0.00	22.05 -0.61 0.00	19.48 -0.56 0.00	18.52 -0.63 0.00	17.53 -0.60 0.00	16.91 -0.60 0.00	16.50 -0.56 0.00	17.04 -0.67 0.00	18.88 -0.79 0.00	23.04 -1.01 0.00	27.37 -1.69 0.00	29.82 -1.74 0.00	27.60 -2.01 0.00	22.31 -1.58 0.00	19.46 -1.05 0.00	18.89 -0.60 0.00
ROCHESTER_9_IC 23652	20.53 -0.08 0.00	19.01 -0.02 0.00	18.53 0.06 0.00	17.78 -0.23 0.00	18.11 -0.16 0.00	20.58 -0.06 0.00	26.45 -0.79 0.00	30.54 -1.01 0.00	28.71 -0.89 0.00	22.19 -0.48 0.00	19.60 -0.44 0.00	18.64 -0.52 0.00	17.64 -0.49 0.00	17.00 -0.51 0.00	16.59 -0.48 0.00	17.15 -0.57 0.00	19.00 -0.67 0.00	23.19 -0.87 0.00	27.55 -1.51 0.00	30.04 -1.51 0.00	27.81 -1.81 0.00	22.45 -1.43 0.00	19.56 -0.94 0.00	18.99 -0.51 0.00
ROCKVIEW_13_KV_LD 356306	20.88 0.27 0.00	19.28 0.25 0.00	18.64 0.17 0.00	18.28 0.27 0.00	18.49 0.22 0.00	20.97 0.33 0.00	27.98 0.74 0.00	32.97 1.42 0.00	30.61 1.01 0.00	23.52 0.86 0.00	20.82 0.78 0.00	19.98 0.82 0.00	18.93 0.80 0.00	18.31 0.81 0.00	17.83 0.77 0.00	18.60 0.89 0.00	20.61 0.94 0.00	25.18 1.13 0.00	30.42 1.37 0.00	33.38 1.83 0.00	31.04 1.42 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.21 0.72 0.00

ROME____115KV_TB2 80656	21.40 0.78 0.00	19.72 0.69 0.00	19.14 0.67 0.00	18.63 0.61 0.00	18.91 0.64 0.00	21.43 0.78 0.00	28.36 1.12 0.00	33.32 1.77 0.00	31.05 1.45 0.00	23.57 0.91 0.00	20.74 0.70 0.00	19.77 0.61 0.00	18.66 0.53 0.00	17.98 0.47 0.00	17.49 0.43 0.00	18.14 0.43 0.00	20.14 0.47 0.00	24.80 0.75 0.00	30.05 0.99 0.00	32.88 1.33 0.00	30.65 1.04 0.00	24.62 0.74 0.00	21.12 0.62 0.00	20.12 0.62 0.00
ROSETON___1 23587	20.74 0.12 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.71 0.46 0.00	32.53 0.98 0.00	30.19 0.59 0.00	23.16 0.50 0.00	20.50 0.46 0.00	19.63 0.48 0.00	18.60 0.47 0.00	18.00 0.49 0.00	17.53 0.46 0.00	18.25 0.53 0.00	20.26 0.59 0.00	24.75 0.70 0.00	29.93 0.87 0.00	32.85 1.29 0.00	30.56 0.95 0.00	24.53 0.65 0.00	21.03 0.53 0.00	19.98 0.49 0.00
ROSETON___2 23588	20.74 0.12 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.83 0.19 0.00	27.71 0.46 0.00	32.53 0.98 0.00	30.19 0.59 0.00	23.16 0.50 0.00	20.50 0.46 0.00	19.63 0.48 0.00	18.60 0.47 0.00	18.00 0.49 0.00	17.53 0.46 0.00	18.25 0.53 0.00	20.26 0.59 0.00	24.75 0.70 0.00	29.93 0.87 0.00	32.85 1.29 0.00	30.56 0.95 0.00	24.53 0.65 0.00	21.03 0.53 0.00	19.98 0.49 0.00
ROTTRDAM_115KV_TB3 80664	20.86 0.25 0.00	19.26 0.23 0.00	18.68 0.20 0.00	18.25 0.23 0.00	18.49 0.22 0.00	20.93 0.29 0.00	27.76 0.52 0.00	32.34 0.79 0.00	30.13 0.53 0.00	23.00 0.34 0.00	20.34 0.30 0.00	19.44 0.29 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.30 0.24 0.00	17.96 0.25 0.00	19.99 0.31 0.00	24.48 0.43 0.00	29.70 0.64 0.00	32.44 0.88 0.00	30.32 0.71 0.00	24.43 0.55 0.00	20.93 0.43 0.00	19.84 0.35 0.00
RUSSELL___1 23602	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
RUSSELL___2 23532	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
RUSSELL___3 23549	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
RUSSELL___4 23556	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
RUSSELL___STATION 23914	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
S SALMON___HYD 24043	20.43 -0.19 0.00	18.84 -0.19 0.00	18.31 -0.17 0.00	17.83 -0.18 0.00	18.07 -0.20 0.00	20.38 -0.27 0.00	26.75 -0.49 0.00	31.14 -0.41 0.00	28.98 -0.62 0.00	22.21 -0.45 0.00	19.64 -0.40 0.00	18.75 -0.40 0.00	17.71 -0.42 0.00	17.09 -0.42 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.08 -0.59 0.00	23.45 -0.60 0.00	28.33 -0.73 0.00	30.99 -0.57 0.00	28.90 -0.71 0.00	23.29 -0.60 0.00	19.97 -0.53 0.00	19.02 -0.47 0.00
S.PERRY__115KV_TB1 80734	21.56 0.95 0.00	19.96 0.93 0.00	19.44 0.96 0.00	18.73 0.72 0.00	19.08 0.80 0.00	21.82 1.18 0.00	28.28 1.04 0.00	32.78 1.23 0.00	30.46 0.86 0.00	23.32 0.66 0.00	20.44 0.40 0.00	19.36 0.21 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.29 0.22 0.00	17.86 0.14 0.00	19.81 0.14 0.00	24.36 0.31 0.00	29.14 0.09 0.00	32.06 0.50 0.00	29.64 0.03 0.00	23.83 -0.05 0.00	20.69 0.18 0.00	19.88 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.45 -0.16 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.98 -0.29 0.00	20.58 -0.06 0.00	25.94 -1.31 0.00	29.53 -2.02 0.00	27.91 -1.69 0.00	21.78 -0.88 0.00	19.26 -0.78 0.00	18.27 -0.88 0.00	17.30 -0.83 0.00	16.65 -0.86 0.00	16.25 -0.82 0.00	16.76 -0.96 0.00	18.57 -1.10 0.00	22.49 -1.56 0.00	26.41 -2.64 0.00	28.71 -2.84 0.00	26.33 -3.29 0.00	21.45 -2.44 0.00	18.86 -1.64 0.00	18.67 -0.82 0.00
SAWYER___23_KV_LOAD 55526	20.45 -0.16 0.00	18.97 -0.06 0.00	18.55 0.07 0.00	17.65 -0.36 0.00	17.98 -0.29 0.00	20.58 -0.06 0.00	25.94 -1.31 0.00	29.53 -2.02 0.00	27.91 -1.69 0.00	21.78 -0.88 0.00	19.26 -0.78 0.00	18.27 -0.88 0.00	17.30 -0.83 0.00	16.65 -0.86 0.00	16.25 -0.82 0.00	16.76 -0.96 0.00	18.57 -1.10 0.00	22.49 -1.56 0.00	26.41 -2.64 0.00	28.71 -2.84 0.00	26.33 -3.29 0.00	21.45 -2.44 0.00	18.86 -1.64 0.00	18.67 -0.82 0.00
SELKIRK___I 23801	20.99 0.37 0.00	19.39 0.36 0.00	18.82 0.35 0.00	18.36 0.34 0.00	18.62 0.35 0.00	21.08 0.43 0.00	27.95 0.71 0.00	32.53 0.98 0.00	30.25 0.65 0.00	23.07 0.41 0.00	20.40 0.36 0.00	19.50 0.35 0.00	18.44 0.31 0.00	17.79 0.28 0.00	17.34 0.27 0.00	18.02 0.30 0.00	20.04 0.37 0.00	24.53 0.48 0.00	29.78 0.73 0.00	32.56 1.01 0.00	30.41 0.80 0.00	24.50 0.62 0.00	21.01 0.51 0.00	19.96 0.47 0.00
SELKIRK___II 23799	20.84 0.23 0.00	19.24 0.21 0.00	18.66 0.18 0.00	18.21 0.20 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.76 0.52 0.00	32.34 0.79 0.00	30.07 0.47 0.00	22.98 0.32 0.00	20.32 0.28 0.00	19.42 0.27 0.00	18.38 0.25 0.00	17.75 0.24 0.00	17.30 0.24 0.00	17.98 0.27 0.00	20.00 0.33 0.00	24.46 0.41 0.00	29.67 0.61 0.00	32.44 0.88 0.00	30.30 0.68 0.00	24.41 0.52 0.00	20.91 0.41 0.00	19.86 0.37 0.00

SENECA OSWGO___HYD 24041	20.45 -0.17 0.00	18.88 -0.15 0.00	18.35 -0.13 0.00	17.85 -0.16 0.00	18.11 -0.16 0.00	20.36 -0.29 0.00	26.70 -0.54 0.00	31.08 -0.47 0.00	29.01 -0.59 0.00	22.23 -0.43 0.00	19.64 -0.40 0.00	18.79 -0.36 0.00	17.78 -0.35 0.00	17.17 -0.33 0.00	16.76 -0.31 0.00	17.34 -0.37 0.00	19.20 -0.47 0.00	23.47 -0.58 0.00	28.30 -0.76 0.00	30.89 -0.66 0.00	28.82 -0.80 0.00	23.26 -0.62 0.00	19.99 -0.51 0.00	19.06 -0.43 0.00
SENECA___115KV_TB3 355854	20.76 0.14 0.00	19.30 0.27 0.00	18.84 0.37 0.00	17.96 -0.05 0.00	18.27 0.00 0.00	20.97 0.33 0.00	26.45 -0.79 0.00	30.16 -1.39 0.00	28.48 -1.12 0.00	22.19 -0.48 0.00	19.62 -0.42 0.00	18.62 -0.54 0.00	17.60 -0.53 0.00	16.95 -0.56 0.00	16.52 -0.55 0.00	17.06 -0.66 0.00	18.92 -0.75 0.00	22.90 -1.15 0.00	26.94 -2.12 0.00	29.25 -2.30 0.00	26.77 -2.84 0.00	21.80 -2.08 0.00	19.15 -1.35 0.00	18.93 -0.57 0.00
SENECA___ENERGY 23797	21.21 0.60 0.00	19.60 0.57 0.00	19.05 0.57 0.00	18.52 0.50 0.00	18.80 0.53 0.00	21.39 0.74 0.00	28.00 0.76 0.00	32.62 1.07 0.00	30.49 0.89 0.00	23.36 0.70 0.00	20.52 0.48 0.00	19.56 0.40 0.00	18.47 0.34 0.00	17.82 0.32 0.00	17.41 0.34 0.00	18.00 0.28 0.00	19.95 0.28 0.00	24.36 0.31 0.00	29.26 0.20 0.00	32.00 0.44 0.00	29.76 0.15 0.00	24.03 0.14 0.00	20.68 0.18 0.00	19.75 0.25 0.00
SHOEMAKER___GT 23640	20.76 0.15 0.00	19.15 0.11 0.00	18.55 0.07 0.00	18.12 0.11 0.00	18.38 0.11 0.00	20.85 0.21 0.00	27.68 0.43 0.00	32.43 0.88 0.00	30.13 0.53 0.00	23.11 0.45 0.00	20.44 0.40 0.00	19.56 0.40 0.00	18.53 0.40 0.00	17.91 0.40 0.00	17.44 0.37 0.00	18.16 0.44 0.00	20.18 0.51 0.00	24.65 0.60 0.00	29.81 0.75 0.00	32.72 1.17 0.00	30.47 0.86 0.00	24.48 0.60 0.00	20.99 0.49 0.00	19.94 0.45 0.00
SHOEMAKR_138KV_BK 111 55601	20.76 0.14 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.14 0.13 0.00	18.37 0.09 0.00	20.83 0.19 0.00	27.68 0.44 0.00	32.47 0.91 0.00	30.16 0.56 0.00	23.11 0.45 0.00	20.46 0.42 0.00	19.57 0.42 0.00	18.55 0.42 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.18 0.46 0.00	20.18 0.51 0.00	24.65 0.60 0.00	29.81 0.76 0.00	32.72 1.17 0.00	30.47 0.86 0.00	24.53 0.64 0.00	21.01 0.51 0.00	19.92 0.43 0.00
SHOREHAM_IC_1 23715	20.78 0.16 0.00	19.32 0.29 0.00	18.59 0.11 0.00	18.18 0.16 0.00	18.46 0.18 0.00	21.20 0.56 0.00	28.72 1.47 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.66 1.00 0.00	20.96 0.92 0.00	19.98 0.82 0.00	18.82 0.69 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.53 0.82 0.00	21.09 1.20 -0.22	27.59 1.64 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.87 1.19 -0.19	20.75 1.25 -0.01
SHOREHAM_IC_2 23716	20.78 0.16 0.00	19.32 0.29 0.00	18.59 0.11 0.00	18.18 0.16 0.00	18.46 0.18 0.00	21.20 0.56 0.00	28.72 1.47 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.66 1.00 0.00	20.96 0.92 0.00	19.98 0.82 0.00	18.82 0.69 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.53 0.82 0.00	21.09 1.20 -0.22	27.59 1.64 -1.91	32.89 2.21 -1.62	36.96 2.78 -2.63	33.24 2.10 -1.52	28.36 1.51 -2.98	21.87 1.19 -0.19	20.75 1.25 -0.01
SISSONVILLE___ 23735	19.96 -0.66 0.00	18.40 -0.63 0.00	17.88 -0.59 0.00	17.46 -0.56 0.00	17.73 -0.55 0.00	20.11 -0.54 0.00	26.62 -0.63 0.00	30.60 -0.95 0.00	28.89 -0.71 0.00	22.03 -0.63 0.00	19.46 -0.58 0.00	18.56 -0.59 0.00	17.53 -0.60 0.00	16.93 -0.58 0.00	16.45 -0.61 0.00	17.08 -0.64 0.00	19.02 -0.65 0.00	23.38 -0.67 0.00	28.30 -0.76 0.00	30.42 -1.14 0.00	28.90 -0.71 0.00	23.33 -0.55 0.00	19.95 -0.55 0.00	18.87 -0.62 0.00
SITHE_IND_GS1 24169	20.33 -0.29 0.00	18.75 -0.28 0.00	18.23 -0.24 0.00	17.74 -0.27 0.00	17.98 -0.29 0.00	20.17 -0.47 0.00	26.43 -0.82 0.00	30.70 -0.85 0.00	28.74 -0.86 0.00	22.03 -0.63 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.08 -0.59 0.00	23.28 -0.77 0.00	28.04 -1.02 0.00	30.54 -1.01 0.00	28.52 -1.10 0.00	23.05 -0.84 0.00	19.82 -0.68 0.00	18.93 -0.57 0.00
SITHE_IND_GS2 24170	20.33 -0.29 0.00	18.75 -0.28 0.00	18.23 -0.24 0.00	17.74 -0.27 0.00	17.98 -0.29 0.00	20.17 -0.47 0.00	26.43 -0.82 0.00	30.70 -0.85 0.00	28.74 -0.86 0.00	22.03 -0.63 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.08 -0.59 0.00	23.28 -0.77 0.00	28.04 -1.02 0.00	30.54 -1.01 0.00	28.52 -1.10 0.00	23.05 -0.84 0.00	19.82 -0.68 0.00	18.93 -0.57 0.00
SITHE_IND_GS3 24171	20.33 -0.29 0.00	18.75 -0.28 0.00	18.23 -0.24 0.00	17.74 -0.27 0.00	17.98 -0.29 0.00	20.17 -0.47 0.00	26.43 -0.82 0.00	30.70 -0.85 0.00	28.74 -0.86 0.00	22.03 -0.63 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.08 -0.59 0.00	23.28 -0.77 0.00	28.04 -1.02 0.00	30.54 -1.01 0.00	28.52 -1.10 0.00	23.05 -0.84 0.00	19.82 -0.68 0.00	18.93 -0.57 0.00
SITHE_IND_GS4 24172	20.33 -0.29 0.00	18.75 -0.28 0.00	18.23 -0.24 0.00	17.74 -0.27 0.00	17.98 -0.29 0.00	20.17 -0.47 0.00	26.43 -0.82 0.00	30.70 -0.85 0.00	28.74 -0.86 0.00	22.03 -0.63 0.00	19.50 -0.54 0.00	18.64 -0.52 0.00	17.66 -0.47 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.24 -0.48 0.00	19.08 -0.59 0.00	23.28 -0.77 0.00	28.04 -1.02 0.00	30.54 -1.01 0.00	28.52 -1.10 0.00	23.05 -0.84 0.00	19.82 -0.68 0.00	18.93 -0.57 0.00
SITHE___BATAVIA 24024	20.70 0.08 0.00	19.24 0.21 0.00	18.77 0.29 0.00	18.10 0.09 0.00	18.24 -0.04 0.00	20.85 0.21 0.00	26.48 -0.76 0.00	30.48 -1.07 0.00	28.74 -0.86 0.00	22.18 -0.48 0.00	19.58 -0.46 0.00	18.54 -0.61 0.00	17.51 -0.62 0.00	16.88 -0.63 0.00	16.45 -0.61 0.00	16.97 -0.74 0.00	18.85 -0.83 0.00	22.97 -1.08 0.00	27.11 -1.95 0.00	29.60 -1.96 0.00	27.30 -2.31 0.00	22.33 -1.55 0.00	19.37 -1.13 0.00	18.95 -0.55 0.00
SITHE___INDEPEND 23800	20.33 -0.29 0.00	18.75 -0.29 0.00	18.23 -0.24 0.00	17.71 -0.31 0.00	17.98 -0.29 0.00	20.17 -0.47 0.00	26.43 -0.82 0.00	30.70 -0.85 0.00	28.71 -0.89 0.00	22.03 -0.63 0.00	19.50 -0.54 0.00	18.62 -0.54 0.00	17.64 -0.49 0.00	17.05 -0.46 0.00	16.64 -0.43 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.28 -0.77 0.00	28.04 -1.02 0.00	30.54 -1.01 0.00	28.52 -1.10 0.00	23.00 -0.88 0.00	19.82 -0.68 0.00	18.93 -0.57 0.00
SITHE___MASSENA 23902	20.59 -0.02 0.00	19.03 0.00 0.00	18.49 0.02 0.00	18.01 0.00 0.00	18.29 0.02 0.00	20.73 0.08 0.00	27.35 0.11 0.00	31.39 -0.16 0.00	29.69 0.09 0.00	22.71 0.05 0.00	20.06 0.02 0.00	19.15 0.00 0.00	18.11 -0.02 0.00	17.49 -0.02 0.00	17.01 -0.05 0.00	17.68 -0.04 0.00	19.67 0.00 0.00	24.10 0.05 0.00	29.12 0.06 0.00	31.27 -0.28 0.00	29.67 0.06 0.00	23.98 0.10 0.00	20.56 0.06 0.00	19.47 -0.02 0.00

SITHE___OGDNSBRG 24021	20.55 -0.06 0.00	18.97 -0.06 0.00	18.42 -0.06 0.00	17.98 -0.04 0.00	18.27 0.00 0.00	20.73 0.08 0.00	27.46 0.22 0.00	31.55 0.00 0.00	29.78 0.18 0.00	22.66 0.00 0.00	20.06 0.02 0.00	19.13 -0.02 0.00	18.06 -0.07 0.00	17.42 -0.09 0.00	16.95 -0.12 0.00	17.57 -0.14 0.00	19.57 -0.10 0.00	24.03 -0.02 0.00	29.12 0.06 0.00	31.30 -0.25 0.00	29.79 0.18 0.00	24.03 0.14 0.00	20.58 0.08 0.00	19.45 -0.04 0.00
SITHE___STERLING 23777	21.25 0.64 0.00	19.60 0.57 0.00	19.03 0.55 0.00	18.54 0.52 0.00	18.80 0.53 0.00	21.29 0.64 0.00	28.11 0.87 0.00	33.03 1.48 0.00	30.82 1.21 0.00	23.43 0.77 0.00	20.64 0.60 0.00	19.69 0.54 0.00	18.58 0.45 0.00	17.93 0.42 0.00	17.46 0.39 0.00	18.11 0.39 0.00	20.06 0.39 0.00	24.63 0.58 0.00	29.78 0.73 0.00	32.59 1.04 0.00	30.38 0.77 0.00	24.48 0.60 0.00	20.99 0.49 0.00	19.98 0.49 0.00
SLEIGHT__34_KV_TB1 80719	20.45 -0.16 0.00	18.92 -0.11 0.00	18.40 -0.07 0.00	17.74 -0.27 0.00	18.07 -0.20 0.00	20.50 -0.14 0.00	26.62 -0.63 0.00	30.92 -0.63 0.00	28.98 -0.62 0.00	22.30 -0.36 0.00	19.66 -0.38 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.09 -0.42 0.00	16.67 -0.39 0.00	17.24 -0.48 0.00	19.10 -0.57 0.00	23.35 -0.70 0.00	27.90 -1.16 0.00	30.42 -1.14 0.00	28.25 -1.36 0.00	22.76 -1.12 0.00	19.72 -0.78 0.00	18.99 -0.51 0.00
SOUTH CAIRO___GT 23612	21.56 0.95 0.00	19.87 0.84 0.00	19.29 0.81 0.00	18.81 0.79 0.00	19.08 0.80 0.00	21.64 0.99 0.00	28.88 1.63 0.00	33.60 2.05 0.00	31.08 1.48 0.00	23.41 0.75 0.00	20.62 0.58 0.00	19.61 0.46 0.00	18.49 0.36 0.00	17.84 0.33 0.00	17.37 0.31 0.00	18.09 0.37 0.00	20.26 0.59 0.00	24.92 0.86 0.00	30.42 1.37 0.00	33.45 1.89 0.00	31.30 1.69 0.00	25.19 1.31 0.00	21.55 1.04 0.00	20.45 0.95 0.00
SOUTH HAMPTN___IC 23720	21.05 0.43 0.00	19.58 0.55 0.00	18.82 0.35 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.45 0.80 0.00	29.05 1.80 0.00	35.88 2.78 -1.56	31.29 1.69 0.00	24.00 1.34 0.00	21.26 1.22 0.00	20.23 1.07 0.00	19.05 0.92 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.74 1.03 0.00	21.37 1.48 -0.22	27.90 1.95 -1.91	33.24 2.56 -1.62	37.37 3.19 -2.63	33.62 2.49 -1.52	28.70 1.84 -2.98	22.18 1.50 -0.19	21.00 1.50 -0.01
SOUTHDOW__115KV_TB1 355954	21.58 0.97 0.00	20.08 1.05 0.00	19.62 1.15 0.00	18.73 0.72 0.00	19.04 0.77 0.00	21.99 1.34 0.00	27.90 0.65 0.00	31.96 0.41 0.00	30.05 0.44 0.00	23.34 0.68 0.00	20.58 0.54 0.00	19.46 0.31 0.00	18.38 0.25 0.00	17.68 0.18 0.00	17.20 0.14 0.00	17.75 0.04 0.00	19.71 0.04 0.00	23.81 -0.24 0.00	27.98 -1.08 0.00	30.32 -1.23 0.00	27.63 -1.98 0.00	22.47 -1.41 0.00	19.66 -0.84 0.00	19.38 -0.12 0.00
SOUTHOLD_69_KV_BK 2 55809	21.36 0.74 0.00	19.91 0.88 0.00	19.10 0.63 0.00	18.73 0.72 0.00	18.97 0.69 0.00	21.78 1.14 0.00	29.45 2.21 0.00	36.44 3.34 -1.55	31.82 2.22 0.00	24.38 1.72 0.00	21.58 1.54 0.00	20.51 1.36 0.00	19.29 1.16 0.00	18.70 1.19 0.00	18.23 1.16 0.00	18.97 1.26 0.00	21.67 1.79 -0.21	28.28 2.33 -1.90	33.69 3.02 -1.61	37.93 3.75 -2.62	34.12 2.99 -1.51	29.17 2.32 -2.97	22.54 1.87 -0.18	21.32 1.83 0.00
SOUTHOLD___IC 23719	21.36 0.74 0.00	19.89 0.86 0.00	19.10 0.63 0.00	18.68 0.67 0.00	18.97 0.69 0.00	21.78 1.13 0.00	29.54 2.29 0.00	36.48 3.38 -1.56	31.82 2.22 0.00	24.38 1.72 0.00	21.58 1.54 0.00	20.51 1.36 0.00	19.29 1.16 0.00	18.70 1.19 0.00	18.23 1.16 0.00	18.97 1.26 0.00	21.68 1.79 -0.22	28.29 2.33 -1.91	33.73 3.05 -1.62	37.93 3.75 -2.63	34.13 2.99 -1.52	29.10 2.24 -2.98	22.53 1.85 -0.19	21.35 1.85 -0.01
SOUTH_FORK_WT_PWR 323839	21.40 0.78 0.00	19.93 0.89 0.00	19.14 0.66 0.00	18.72 0.70 0.00	19.01 0.73 0.00	21.82 1.18 0.00	29.59 2.34 0.00	36.55 3.44 -1.56	31.88 2.28 0.00	24.43 1.77 0.00	21.62 1.58 0.00	20.55 1.40 0.00	19.31 1.18 0.00	18.71 1.21 0.00	18.24 1.18 0.00	18.99 1.28 0.00	21.70 1.81 -0.22	28.32 2.36 -1.91	33.76 3.08 -1.62	37.97 3.78 -2.63	34.16 3.02 -1.52	29.13 2.27 -2.98	22.57 1.88 -0.19	21.39 1.89 -0.01
SPIERFLS_115KV_TB 1 80737	21.13 0.52 0.00	19.49 0.46 0.00	18.90 0.42 0.00	18.46 0.45 0.00	18.69 0.42 0.00	21.22 0.58 0.00	28.31 1.06 0.00	33.07 1.51 0.00	30.76 1.15 0.00	23.30 0.63 0.00	20.60 0.56 0.00	19.67 0.52 0.00	18.55 0.42 0.00	17.86 0.35 0.00	17.39 0.32 0.00	18.04 0.32 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.89 1.27 0.00	24.81 0.93 0.00	21.24 0.74 0.00	20.02 0.53 0.00
ST LAWRENCE____ 23600	20.47 -0.14 0.00	18.90 -0.13 0.00	18.36 -0.11 0.00	17.91 -0.11 0.00	18.17 -0.11 0.00	20.56 -0.08 0.00	27.13 -0.11 0.00	31.11 -0.44 0.00	29.45 -0.15 0.00	22.53 -0.14 0.00	19.92 -0.12 0.00	19.02 -0.13 0.00	18.00 -0.13 0.00	17.39 -0.12 0.00	16.93 -0.14 0.00	17.57 -0.14 0.00	19.55 -0.12 0.00	23.93 -0.12 0.00	28.91 -0.14 0.00	31.05 -0.51 0.00	29.50 -0.12 0.00	23.81 -0.07 0.00	20.42 -0.08 0.00	19.36 -0.14 0.00
STATE_CA_115KV_115_LB 55624	21.03 0.41 0.00	19.41 0.38 0.00	18.83 0.35 0.00	18.41 0.40 0.00	18.64 0.37 0.00	21.12 0.47 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.43 0.83 0.00	23.18 0.52 0.00	20.52 0.48 0.00	19.63 0.48 0.00	18.55 0.42 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.14 0.43 0.00	20.20 0.53 0.00	24.70 0.65 0.00	30.02 0.96 0.00	32.85 1.29 0.00	30.65 1.04 0.00	24.69 0.81 0.00	21.14 0.64 0.00	20.04 0.55 0.00
STATE_ST_34_KV_LOAD 55959	21.05 0.43 0.00	19.43 0.40 0.00	18.88 0.41 0.00	18.30 0.29 0.00	18.62 0.35 0.00	21.12 0.47 0.00	27.62 0.38 0.00	32.25 0.69 0.00	30.13 0.53 0.00	23.07 0.41 0.00	20.32 0.28 0.00	19.40 0.25 0.00	18.35 0.22 0.00	17.72 0.21 0.00	17.29 0.22 0.00	17.89 0.18 0.00	19.83 0.16 0.00	24.24 0.19 0.00	29.12 0.06 0.00	31.81 0.25 0.00	29.61 0.00 0.00	23.83 -0.05 0.00	20.56 0.06 0.00	19.63 0.14 0.00
STATION 5_MISC_HYD 23604	20.53 -0.08 0.00	19.01 -0.02 0.00	18.53 0.06 0.00	17.92 -0.09 0.00	18.11 -0.16 0.00	20.58 -0.06 0.00	26.45 -0.79 0.00	30.54 -1.01 0.00	28.74 -0.86 0.00	22.18 -0.48 0.00	19.60 -0.44 0.00	18.66 -0.50 0.00	17.64 -0.49 0.00	17.00 -0.51 0.00	16.59 -0.48 0.00	17.15 -0.57 0.00	19.00 -0.67 0.00	23.19 -0.86 0.00	27.55 -1.51 0.00	30.07 -1.48 0.00	27.87 -1.75 0.00	22.69 -1.19 0.00	19.62 -0.88 0.00	18.97 -0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.52 0.91 0.00	19.91 0.88 0.00	19.36 0.89 0.00	18.70 0.68 0.00	19.06 0.79 0.00	21.74 1.09 0.00	28.33 1.09 0.00	32.31 0.76 0.00	30.25 0.65 0.00	23.23 0.57 0.00	20.46 0.42 0.00	19.46 0.31 0.00	18.40 0.27 0.00	17.73 0.23 0.00	17.30 0.24 0.00	17.89 0.18 0.00	19.83 0.16 0.00	24.65 0.60 0.00	29.49 0.44 0.00	32.22 0.66 0.00	29.88 0.27 0.00	24.03 0.14 0.00	20.81 0.31 0.00	19.94 0.45 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.41 -0.21 0.00	18.90 -0.13 0.00	18.40 -0.07 0.00	17.67 -0.34 0.00	18.00 -0.27 0.00	20.44 -0.21 0.00	26.34 -0.90 0.00	30.45 -1.10 0.00	28.62 -0.98 0.00	22.09 -0.57 0.00	19.52 -0.52 0.00	18.56 -0.59 0.00	17.57 -0.56 0.00	16.95 -0.56 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.92 -0.75 0.00	23.11 -0.94 0.00	27.49 -1.57 0.00	29.98 -1.58 0.00	27.75 -1.87 0.00	22.40 -1.48 0.00	19.50 -1.00 0.00	18.89 -0.60 0.00
STA_56___34_KV_BUS2 355983	20.41 -0.21 0.00	18.90 -0.13 0.00	18.40 -0.07 0.00	17.67 -0.34 0.00	18.00 -0.27 0.00	20.44 -0.21 0.00	26.34 -0.90 0.00	30.45 -1.10 0.00	28.62 -0.98 0.00	22.09 -0.57 0.00	19.52 -0.52 0.00	18.56 -0.59 0.00	17.57 -0.56 0.00	16.95 -0.56 0.00	16.54 -0.53 0.00	17.08 -0.64 0.00	18.92 -0.75 0.00	23.11 -0.94 0.00	27.49 -1.57 0.00	29.98 -1.58 0.00	27.75 -1.87 0.00	22.40 -1.48 0.00	19.50 -1.00 0.00	18.89 -0.60 0.00
STA_67___115KV_BK2 355882	20.49 -0.12 0.00	18.97 -0.06 0.00	18.49 0.02 0.00	17.74 -0.27 0.00	18.07 -0.20 0.00	20.54 -0.10 0.00	26.40 -0.84 0.00	30.45 -1.10 0.00	28.65 -0.95 0.00	22.14 -0.52 0.00	19.56 -0.48 0.00	18.60 -0.56 0.00	17.60 -0.53 0.00	16.96 -0.54 0.00	16.55 -0.51 0.00	17.11 -0.60 0.00	18.96 -0.71 0.00	23.14 -0.91 0.00	27.49 -1.57 0.00	29.95 -1.61 0.00	27.72 -1.90 0.00	22.40 -1.48 0.00	19.52 -0.98 0.00	18.95 -0.55 0.00
STA_7___115KV_9TRANS 80674	20.61 0.00 0.00	19.09 0.06 0.00	18.59 0.11 0.00	17.85 -0.16 0.00	18.18 -0.09 0.00	20.67 0.02 0.00	26.56 -0.68 0.00	30.70 -0.85 0.00	28.86 -0.74 0.00	22.30 -0.36 0.00	19.68 -0.36 0.00	18.71 -0.44 0.00	17.71 -0.42 0.00	17.07 -0.44 0.00	16.66 -0.41 0.00	17.22 -0.50 0.00	19.08 -0.59 0.00	23.31 -0.75 0.00	27.69 -1.37 0.00	30.20 -1.36 0.00	27.96 -1.66 0.00	22.54 -1.34 0.00	19.64 -0.86 0.00	19.06 -0.43 0.00
STA_82___115KV_TB1 80780	20.51 -0.10 0.00	18.99 -0.04 0.00	18.49 0.02 0.00	17.76 -0.25 0.00	18.09 -0.18 0.00	20.56 -0.08 0.00	26.43 -0.82 0.00	30.48 -1.07 0.00	28.68 -0.92 0.00	22.14 -0.52 0.00	19.56 -0.48 0.00	18.60 -0.56 0.00	17.62 -0.51 0.00	16.98 -0.53 0.00	16.57 -0.49 0.00	17.11 -0.60 0.00	18.96 -0.71 0.00	23.16 -0.89 0.00	27.52 -1.54 0.00	29.98 -1.58 0.00	27.75 -1.87 0.00	22.43 -1.46 0.00	19.54 -0.96 0.00	18.97 -0.53 0.00
STEEL___WIND 323596	20.76 0.15 0.00	19.28 0.25 0.00	18.82 0.35 0.00	18.16 0.14 0.00	18.26 -0.02 0.00	20.95 0.31 0.00	26.45 -0.79 0.00	30.13 -1.42 0.00	28.48 -1.12 0.00	22.16 -0.50 0.00	19.60 -0.44 0.00	18.64 -0.52 0.00	17.59 -0.54 0.00	16.93 -0.58 0.00	16.50 -0.56 0.00	17.04 -0.67 0.00	18.90 -0.77 0.00	22.87 -1.18 0.00	26.91 -2.15 0.00	29.28 -2.27 0.00	26.89 -2.72 0.00	22.09 -1.79 0.00	19.23 -1.27 0.00	18.91 -0.58 0.00
STEPHTWN_115KV_BK_2 55603	21.17 0.56 0.00	19.55 0.51 0.00	18.95 0.48 0.00	18.52 0.50 0.00	18.75 0.48 0.00	21.28 0.64 0.00	28.25 1.01 0.00	32.94 1.39 0.00	30.64 1.04 0.00	23.32 0.66 0.00	20.66 0.62 0.00	19.75 0.59 0.00	18.64 0.51 0.00	17.98 0.47 0.00	17.51 0.44 0.00	18.21 0.50 0.00	20.30 0.63 0.00	24.85 0.79 0.00	30.19 1.13 0.00	33.04 1.48 0.00	30.86 1.24 0.00	24.84 0.96 0.00	21.26 0.76 0.00	20.14 0.64 0.00
STEUBEN_REC_LFGE 323667	21.91 1.30 0.00	20.31 1.28 0.00	19.79 1.31 0.00	19.11 1.10 0.00	19.46 1.19 0.00	22.36 1.71 0.00	29.12 1.88 0.00	33.79 2.24 0.00	31.47 1.86 0.00	24.20 1.54 0.00	21.14 1.10 0.00	20.11 0.96 0.00	19.00 0.87 0.00	18.31 0.81 0.00	17.85 0.79 0.00	18.46 0.74 0.00	20.46 0.79 0.00	24.99 0.94 0.00	29.90 0.84 0.00	32.63 1.07 0.00	30.06 0.44 0.00	24.24 0.36 0.00	20.97 0.47 0.00	20.08 0.58 0.00
STILLWATER___SOLAR 323814	21.09 0.47 0.00	19.47 0.44 0.00	18.88 0.41 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.18 0.54 0.00	28.20 0.95 0.00	32.88 1.32 0.00	30.55 0.95 0.00	23.20 0.54 0.00	20.54 0.50 0.00	19.61 0.46 0.00	18.51 0.38 0.00	17.86 0.35 0.00	17.41 0.34 0.00	18.07 0.35 0.00	20.16 0.49 0.00	24.72 0.67 0.00	30.10 1.04 0.00	32.94 1.39 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.20 0.70 0.00	20.06 0.57 0.00
STONY___BROOK 24151	21.07 0.45 0.00	19.56 0.53 0.00	18.82 0.35 0.00	18.41 0.40 0.00	18.70 0.42 0.00	21.37 0.72 0.00	28.83 1.58 0.00	35.63 2.53 -1.56	31.29 1.69 0.00	24.00 1.34 0.00	21.26 1.22 0.00	20.28 1.13 0.00	19.11 0.98 0.00	18.49 0.98 0.00	18.02 0.96 0.00	18.80 1.08 0.00	21.35 1.46 -0.22	27.81 1.85 -1.91	33.00 2.33 -1.62	37.12 2.94 -2.63	33.48 2.34 -1.52	28.55 1.70 -2.98	22.08 1.39 -0.19	20.84 1.34 -0.01
STURGEON_POOL_HYD 23609	20.68 0.06 0.00	19.07 0.04 0.00	18.46 -0.02 0.00	18.09 0.07 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.60 0.35 0.00	32.40 0.85 0.00	30.08 0.47 0.00	23.05 0.39 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.49 0.36 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.18 0.46 0.00	20.18 0.51 0.00	24.65 0.60 0.00	29.81 0.76 0.00	32.79 1.23 0.00	30.53 0.92 0.00	24.57 0.69 0.00	21.03 0.53 0.00	19.98 0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.76 0.14 0.00	19.15 0.11 0.00	18.53 0.06 0.00	18.16 0.14 0.00	18.38 0.11 0.00	20.85 0.21 0.00	27.73 0.49 0.00	32.59 1.04 0.00	30.25 0.65 0.00	23.23 0.57 0.00	20.54 0.50 0.00	19.67 0.52 0.00	18.64 0.51 0.00	18.01 0.51 0.00	17.54 0.48 0.00	18.28 0.57 0.00	20.30 0.63 0.00	24.77 0.72 0.00	29.96 0.90 0.00	32.88 1.33 0.00	30.59 0.98 0.00	24.65 0.76 0.00	21.10 0.59 0.00	19.98 0.49 0.00
SWANROAD_115KV_TB1 355699	19.98 -0.64 0.00	18.59 -0.44 0.00	18.16 -0.31 0.00	17.28 -0.74 0.00	17.60 -0.68 0.00	20.09 -0.56 0.00	25.25 -1.99 0.00	28.71 -2.84 0.00	27.14 -2.46 0.00	21.19 -1.47 0.00	18.74 -1.30 0.00	17.79 -1.36 0.00	16.82 -1.31 0.00	16.21 -1.30 0.00	15.82 -1.25 0.00	16.32 -1.40 0.00	18.06 -1.61 0.00	21.89 -2.16 0.00	25.69 -3.37 0.00	27.89 -3.66 0.00	25.59 -4.03 0.00	20.85 -3.03 0.00	18.37 -2.13 0.00	18.25 -1.25 0.00
SYNERGY___BIOGAS 323694	20.70 0.08 0.00	19.24 0.21 0.00	18.77 0.29 0.00	18.10 0.09 0.00	18.24 -0.04 0.00	20.85 0.21 0.00	26.48 -0.76 0.00	30.48 -1.07 0.00	28.74 -0.86 0.00	22.18 -0.48 0.00	19.58 -0.46 0.00	18.54 -0.61 0.00	17.51 -0.62 0.00	16.88 -0.63 0.00	16.45 -0.61 0.00	16.97 -0.74 0.00	18.85 -0.83 0.00	22.97 -1.08 0.00	27.11 -1.95 0.00	29.60 -1.96 0.00	27.30 -2.31 0.00	22.33 -1.55 0.00	19.37 -1.13 0.00	18.95 -0.55 0.00
SYRACUSE___ENERGY_ST1 323597	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00

SYRACUSE___ENERGY_ST2 323598	20.88 0.27 0.00	19.28 0.25 0.00	18.73 0.26 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.85 0.21 0.00	27.32 0.08 0.00	31.84 0.28 0.00	29.75 0.15 0.00	22.82 0.16 0.00	20.12 0.08 0.00	19.21 0.06 0.00	18.18 0.05 0.00	17.56 0.05 0.00	17.13 0.07 0.00	17.73 0.02 0.00	19.65 -0.02 0.00	24.03 -0.02 0.00	28.88 -0.17 0.00	31.55 0.00 0.00	29.38 -0.24 0.00	23.67 -0.21 0.00	20.40 -0.10 0.00	19.47 -0.02 0.00
SYRACUSE___POWER 24017	20.78 0.16 0.00	19.18 0.15 0.00	18.64 0.17 0.00	18.10 0.09 0.00	18.38 0.11 0.00	20.75 0.10 0.00	27.22 -0.03 0.00	31.71 0.16 0.00	29.60 0.00 0.00	22.71 0.05 0.00	20.04 0.00 0.00	19.13 -0.02 0.00	18.11 -0.02 0.00	17.49 -0.02 0.00	17.07 0.00 0.00	17.66 -0.05 0.00	19.57 -0.10 0.00	23.93 -0.12 0.00	28.77 -0.29 0.00	31.43 -0.13 0.00	29.26 -0.36 0.00	23.57 -0.31 0.00	20.32 -0.18 0.00	19.40 -0.10 0.00
TALLMAN__138KV_BK151 55660	20.78 0.16 0.00	19.17 0.13 0.00	18.55 0.07 0.00	18.19 0.18 0.00	18.40 0.13 0.00	20.89 0.25 0.00	27.82 0.57 0.00	32.75 1.20 0.00	30.40 0.80 0.00	23.36 0.70 0.00	20.68 0.64 0.00	19.82 0.67 0.00	18.78 0.65 0.00	18.15 0.65 0.00	17.68 0.61 0.00	18.43 0.71 0.00	20.44 0.77 0.00	24.94 0.89 0.00	30.13 1.08 0.00	33.10 1.55 0.00	30.77 1.15 0.00	24.77 0.88 0.00	21.20 0.70 0.00	20.06 0.57 0.00
TEALLAVE_115KV_TB7 355573	20.72 0.10 0.00	19.13 0.10 0.00	18.59 0.11 0.00	18.03 0.02 0.00	18.33 0.05 0.00	20.64 0.00 0.00	27.05 -0.19 0.00	31.52 -0.03 0.00	29.45 -0.15 0.00	22.59 -0.07 0.00	19.96 -0.08 0.00	19.06 -0.10 0.00	18.04 -0.09 0.00	17.42 -0.09 0.00	17.00 -0.07 0.00	17.59 -0.12 0.00	19.49 -0.18 0.00	23.81 -0.24 0.00	28.62 -0.44 0.00	31.24 -0.32 0.00	29.08 -0.53 0.00	23.45 -0.43 0.00	20.21 -0.29 0.00	19.32 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	20.43 -0.19 0.00	19.01 -0.02 0.00	18.57 0.09 0.00	17.67 -0.34 0.00	18.02 -0.26 0.00	20.58 -0.06 0.00	26.02 -1.23 0.00	29.66 -1.89 0.00	28.00 -1.60 0.00	21.78 -0.88 0.00	19.24 -0.80 0.00	18.25 -0.90 0.00	17.28 -0.85 0.00	16.63 -0.88 0.00	16.23 -0.84 0.00	16.74 -0.97 0.00	18.57 -1.10 0.00	22.56 -1.49 0.00	26.56 -2.50 0.00	28.90 -2.65 0.00	26.53 -3.08 0.00	21.54 -2.34 0.00	18.92 -1.58 0.00	18.69 -0.80 0.00
TEMPLE___115KV_TB 2 55572	20.72 0.10 0.00	19.13 0.10 0.00	18.59 0.11 0.00	18.05 0.04 0.00	18.33 0.05 0.00	20.67 0.02 0.00	27.08 -0.16 0.00	31.55 0.00 0.00	29.48 -0.12 0.00	22.62 -0.05 0.00	19.98 -0.06 0.00	19.08 -0.08 0.00	18.06 -0.07 0.00	17.44 -0.05 0.00	17.01 -0.05 0.00	17.61 -0.11 0.00	19.51 -0.16 0.00	23.84 -0.22 0.00	28.65 -0.41 0.00	31.27 -0.28 0.00	29.11 -0.50 0.00	23.45 -0.43 0.00	20.23 -0.27 0.00	19.34 -0.16 0.00
TIANA____69_KV_BK 1 55817	20.99 0.37 0.00	19.53 0.49 0.00	18.77 0.30 0.00	18.41 0.40 0.00	18.64 0.37 0.00	21.39 0.74 0.00	28.88 1.63 0.00	35.72 2.62 -1.55	31.20 1.60 0.00	23.91 1.25 0.00	21.20 1.16 0.00	20.19 1.03 0.00	19.00 0.87 0.00	18.43 0.93 0.00	17.97 0.90 0.00	18.71 0.99 0.00	21.30 1.42 -0.21	27.83 1.88 -1.90	33.14 2.47 -1.61	37.27 3.09 -2.62	33.53 2.40 -1.51	28.69 1.84 -2.97	22.11 1.44 -0.18	20.92 1.42 0.00
TILDEN___115KV_TB1 80814	20.78 0.16 0.00	19.18 0.15 0.00	18.64 0.17 0.00	18.10 0.09 0.00	18.38 0.11 0.00	20.75 0.10 0.00	27.22 -0.03 0.00	31.71 0.16 0.00	29.60 0.00 0.00	22.71 0.05 0.00	20.04 0.00 0.00	19.13 -0.02 0.00	18.11 -0.02 0.00	17.49 -0.02 0.00	17.07 0.00 0.00	17.66 -0.05 0.00	19.57 -0.10 0.00	23.93 -0.12 0.00	28.77 -0.29 0.00	31.43 -0.13 0.00	29.26 -0.36 0.00	23.57 -0.31 0.00	20.32 -0.18 0.00	19.40 -0.10 0.00
TRIGEN___CC 323695	20.92 0.31 0.00	19.37 0.34 0.00	18.68 0.20 0.00	18.32 0.31 0.00	18.53 0.26 0.00	21.08 0.43 0.00	28.31 1.06 0.00	34.90 1.80 -1.55	30.84 1.24 0.00	23.73 1.07 0.00	21.02 0.98 0.00	20.09 0.94 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.90 0.84 0.00	18.67 0.96 0.00	21.06 1.18 -0.21	27.34 1.39 -1.90	32.32 1.66 -1.61	36.34 2.18 -2.61	32.88 1.75 -1.51	28.19 1.34 -2.97	21.76 1.09 -0.18	20.47 0.97 0.00
TRINITY__115KV__ 4 BK 55933	20.90 0.29 0.00	19.30 0.27 0.00	18.71 0.24 0.00	18.30 0.29 0.00	18.55 0.27 0.00	21.02 0.37 0.00	27.90 0.65 0.00	32.50 0.95 0.00	30.22 0.62 0.00	23.05 0.39 0.00	20.40 0.36 0.00	19.52 0.36 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.36 0.29 0.00	18.04 0.32 0.00	20.08 0.41 0.00	24.56 0.51 0.00	29.81 0.76 0.00	32.63 1.07 0.00	30.47 0.86 0.00	24.55 0.67 0.00	21.03 0.53 0.00	19.94 0.45 0.00
UNION___PROCESSING_DRP 323587	20.53 -0.08 0.00	18.99 -0.04 0.00	18.51 0.04 0.00	17.76 -0.25 0.00	18.09 -0.18 0.00	20.56 -0.08 0.00	26.43 -0.82 0.00	30.51 -1.04 0.00	28.68 -0.92 0.00	22.16 -0.50 0.00	19.58 -0.46 0.00	18.62 -0.54 0.00	17.62 -0.51 0.00	16.98 -0.53 0.00	16.57 -0.49 0.00	17.13 -0.58 0.00	18.98 -0.69 0.00	23.16 -0.89 0.00	27.52 -1.54 0.00	30.01 -1.55 0.00	27.78 -1.84 0.00	22.43 -1.46 0.00	19.54 -0.96 0.00	18.97 -0.53 0.00
UPPER HUDSON___HYD 24058	21.13 0.52 0.00	19.49 0.46 0.00	18.90 0.43 0.00	18.43 0.41 0.00	18.70 0.42 0.00	21.22 0.58 0.00	28.30 1.06 0.00	33.07 1.51 0.00	30.75 1.15 0.00	23.29 0.63 0.00	20.60 0.56 0.00	19.65 0.50 0.00	18.53 0.40 0.00	17.86 0.35 0.00	17.39 0.32 0.00	18.04 0.32 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.86 1.24 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.04 0.55 0.00
UPPER RAQUET___HYD 24056	19.95 -0.66 0.00	18.40 -0.63 0.00	17.88 -0.59 0.00	17.44 -0.58 0.00	17.73 -0.55 0.00	20.11 -0.54 0.00	26.62 -0.63 0.00	30.61 -0.95 0.00	28.89 -0.71 0.00	22.03 -0.63 0.00	19.46 -0.58 0.00	18.56 -0.59 0.00	17.53 -0.60 0.00	16.93 -0.58 0.00	16.45 -0.61 0.00	17.08 -0.64 0.00	19.02 -0.65 0.00	23.38 -0.67 0.00	28.30 -0.76 0.00	30.42 -1.13 0.00	28.87 -0.74 0.00	23.31 -0.57 0.00	19.95 -0.55 0.00	18.85 -0.64 0.00
VALLEY44_115KV_TB2 355964	21.17 0.56 0.00	19.66 0.63 0.00	19.18 0.70 0.00	18.36 0.34 0.00	18.66 0.38 0.00	21.51 0.87 0.00	27.27 0.03 0.00	31.24 -0.32 0.00	29.34 -0.27 0.00	22.91 0.25 0.00	20.18 0.14 0.00	19.15 0.00 0.00	18.11 -0.02 0.00	17.44 -0.07 0.00	16.98 -0.09 0.00	17.56 -0.16 0.00	19.55 -0.12 0.00	23.59 -0.46 0.00	27.90 -1.16 0.00	30.45 -1.10 0.00	27.81 -1.81 0.00	22.69 -1.19 0.00	19.84 -0.66 0.00	19.41 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	20.59 -0.02 0.00	19.01 -0.02 0.00	18.44 -0.04 0.00	17.98 -0.04 0.00	18.24 -0.04 0.00	20.64 0.00 0.00	27.32 0.08 0.00	31.80 0.25 0.00	29.78 0.18 0.00	22.75 0.09 0.00	20.12 0.08 0.00	19.25 0.10 0.00	18.20 0.07 0.00	17.56 0.05 0.00	17.12 0.05 0.00	17.77 0.05 0.00	19.77 0.10 0.00	24.20 0.14 0.00	29.26 0.20 0.00	31.90 0.35 0.00	29.82 0.21 0.00	24.03 0.14 0.00	20.56 0.06 0.00	19.47 -0.02 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.75 1.13 0.00	20.06 1.03 0.00	19.44 0.96 0.00	18.97 0.95 0.00	19.22 0.95 0.00	21.86 1.22 0.00	29.04 1.80 0.00	34.17 2.62 0.00	31.85 2.25 0.00	24.25 1.59 0.00	21.32 1.28 0.00	20.36 1.21 0.00	19.16 1.03 0.00	18.47 0.96 0.00	17.99 0.92 0.00	18.57 0.85 0.00	20.61 0.94 0.00	25.30 1.25 0.00	30.60 1.54 0.00	33.57 2.02 0.00	31.21 1.60 0.00	25.12 1.24 0.00	21.57 1.07 0.00	20.55 1.05 0.00
VISCHER___FERRY HYD 24020	20.80 0.19 0.00	19.20 0.17 0.00	18.62 0.15 0.00	18.18 0.16 0.00	18.48 0.20 0.00	20.91 0.27 0.00	27.82 0.57 0.00	32.40 0.85 0.00	30.10 0.50 0.00	22.93 0.27 0.00	20.28 0.24 0.00	19.38 0.23 0.00	18.33 0.20 0.00	17.68 0.18 0.00	17.24 0.17 0.00	17.91 0.20 0.00	19.95 0.28 0.00	24.44 0.38 0.00	29.75 0.70 0.00	32.53 0.98 0.00	30.35 0.74 0.00	24.48 0.60 0.00	20.93 0.43 0.00	19.86 0.37 0.00
V_A_10_SYNC_DSASP 323832	20.14 -0.47 0.00	18.67 -0.36 0.00	18.22 -0.26 0.00	17.58 -0.43 0.00	17.73 -0.55 0.00	20.21 -0.43 0.00	25.66 -1.58 0.00	29.34 -2.21 0.00	27.71 -1.90 0.00	21.53 -1.13 0.00	19.06 -0.98 0.00	18.14 -1.02 0.00	17.15 -0.98 0.00	16.51 -1.00 0.00	16.13 -0.94 0.00	16.64 -1.08 0.00	18.43 -1.24 0.00	22.37 -1.68 0.00	26.38 -2.67 0.00	28.75 -2.81 0.00	26.53 -3.08 0.00	21.80 -2.08 0.00	18.92 -1.58 0.00	18.50 -0.99 0.00
V_CMM_10_SYNC_DSASP 323787	20.55 -0.06 0.00	18.97 -0.06 0.00	18.44 -0.04 0.00	17.98 -0.04 0.00	18.26 -0.02 0.00	20.64 0.00 0.00	27.24 0.00 0.00	31.24 -0.32 0.00	29.60 0.00 0.00	22.64 -0.02 0.00	20.02 -0.02 0.00	19.11 -0.04 0.00	18.08 -0.05 0.00	17.45 -0.05 0.00	17.00 -0.07 0.00	17.66 -0.05 0.00	19.63 -0.04 0.00	24.05 0.00 0.00	29.03 -0.03 0.00	31.18 -0.38 0.00	29.61 0.00 0.00	23.91 0.02 0.00	20.52 0.02 0.00	19.43 -0.06 0.00
V_CMP_10_SYNC_DSASP 323788	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.64 0.63 0.00	18.95 0.68 0.00	21.49 0.85 0.00	27.95 0.71 0.00	32.12 0.57 0.00	30.31 0.71 0.00	23.20 0.54 0.00	20.50 0.46 0.00	19.54 0.38 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.32 0.26 0.00	18.04 0.32 0.00	20.12 0.45 0.00	24.70 0.65 0.00	29.78 0.73 0.00	32.00 0.44 0.00	30.35 0.74 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.12 0.62 0.00
V_D_10_SYNC_DSASP 323841	20.61 0.00 0.00	19.03 0.00 0.00	18.49 0.02 0.00	18.01 0.00 0.00	18.31 0.04 0.00	20.73 0.08 0.00	27.35 0.11 0.00	31.39 -0.16 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.15 0.00 0.00	18.13 0.00 0.00	17.49 -0.02 0.00	17.03 -0.03 0.00	17.68 -0.04 0.00	19.67 0.00 0.00	24.10 0.05 0.00	29.12 0.06 0.00	31.27 -0.28 0.00	29.67 0.06 0.00	23.98 0.10 0.00	20.58 0.08 0.00	19.47 -0.02 0.00
V_E_10_SYNC_DSASP 323830	22.61 2.00 0.00	20.84 1.81 0.00	20.23 1.76 0.00	19.73 1.71 0.00	19.97 1.70 0.00	22.79 2.15 0.00	30.19 2.94 0.00	35.49 3.94 0.00	32.77 3.17 0.00	24.77 2.11 0.00	21.62 1.58 0.00	20.59 1.44 0.00	19.33 1.20 0.00	18.59 1.09 0.00	18.11 1.04 0.00	18.76 1.05 0.00	20.93 1.26 0.00	25.90 1.85 0.00	31.41 2.35 0.00	34.68 3.12 0.00	32.13 2.52 0.00	25.82 1.93 0.00	22.16 1.66 0.00	21.13 1.64 0.00
V_F_30_NSYNC___DSASP 323816	21.13 0.52 0.00	19.49 0.46 0.00	18.92 0.44 0.00	18.45 0.43 0.00	18.71 0.44 0.00	21.22 0.58 0.00	28.22 0.98 0.00	32.91 1.36 0.00	30.61 1.01 0.00	23.27 0.61 0.00	20.58 0.54 0.00	19.65 0.50 0.00	18.55 0.42 0.00	17.89 0.38 0.00	17.44 0.37 0.00	18.11 0.39 0.00	20.20 0.53 0.00	24.77 0.72 0.00	30.13 1.08 0.00	32.98 1.42 0.00	30.80 1.19 0.00	24.79 0.91 0.00	21.22 0.72 0.00	20.10 0.60 0.00
V_F_30_SYNC_DSASP 323786	21.03 0.41 0.00	19.41 0.38 0.00	18.83 0.35 0.00	18.41 0.40 0.00	18.64 0.37 0.00	21.12 0.47 0.00	28.03 0.79 0.00	32.72 1.17 0.00	30.40 0.80 0.00	23.18 0.52 0.00	20.52 0.48 0.00	19.63 0.48 0.00	18.55 0.42 0.00	17.89 0.39 0.00	17.44 0.38 0.00	18.14 0.43 0.00	20.18 0.51 0.00	24.70 0.65 0.00	29.99 0.93 0.00	32.82 1.26 0.00	30.65 1.04 0.00	24.69 0.81 0.00	21.14 0.64 0.00	20.04 0.55 0.00
V_XM_10_SYNC_DSASP 323789	21.34 0.72 0.00	19.68 0.65 0.00	19.16 0.68 0.00	18.64 0.63 0.00	18.95 0.68 0.00	21.49 0.85 0.00	27.95 0.71 0.00	32.12 0.57 0.00	30.31 0.71 0.00	23.20 0.54 0.00	20.50 0.46 0.00	19.54 0.38 0.00	18.46 0.33 0.00	17.80 0.30 0.00	17.32 0.26 0.00	18.04 0.32 0.00	20.12 0.45 0.00	24.70 0.65 0.00	29.78 0.73 0.00	32.00 0.44 0.00	30.35 0.74 0.00	24.86 0.98 0.00	21.30 0.80 0.00	20.12 0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.84 0.23 0.00	19.22 0.19 0.00	18.60 0.13 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.95 0.31 0.00	27.90 0.65 0.00	32.85 1.29 0.00	30.49 0.89 0.00	23.43 0.77 0.00	20.74 0.70 0.00	19.86 0.71 0.00	18.82 0.69 0.00	18.19 0.68 0.00	17.71 0.65 0.00	18.46 0.74 0.00	20.48 0.81 0.00	25.01 0.96 0.00	30.22 1.16 0.00	33.20 1.64 0.00	30.86 1.24 0.00	24.84 0.96 0.00	21.24 0.74 0.00	20.12 0.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.82 0.21 0.00	19.20 0.17 0.00	18.57 0.09 0.00	18.23 0.22 0.00	18.44 0.16 0.00	20.89 0.25 0.00	27.87 0.63 0.00	32.91 1.36 0.00	30.58 0.98 0.00	23.52 0.86 0.00	20.86 0.82 0.00	20.03 0.88 0.00	19.00 0.87 0.00	18.38 0.88 0.00	17.90 0.84 0.00	18.67 0.96 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.39 1.34 0.00	33.38 1.83 0.00	31.01 1.39 0.00	24.91 1.03 0.00	21.30 0.80 0.00	20.19 0.70 0.00
W50THST__13_KV_LOAD 356117	20.88 0.27 0.00	19.26 0.23 0.00	18.62 0.15 0.00	18.28 0.27 0.00	18.49 0.22 0.00	20.95 0.31 0.00	27.98 0.74 0.00	33.07 1.51 0.00	30.73 1.12 0.00	23.66 1.00 0.00	20.94 0.90 0.00	20.13 0.98 0.00	19.09 0.96 0.00	18.49 0.98 0.00	17.99 0.92 0.00	18.76 1.05 0.00	20.73 1.06 0.00	25.33 1.27 0.00	30.51 1.45 0.00	33.51 1.96 0.00	31.12 1.51 0.00	24.98 1.10 0.00	21.36 0.86 0.00	20.25 0.76 0.00
WADING RIVER_IC_1 23522	20.76 0.15 0.00	19.30 0.27 0.00	18.57 0.09 0.00	18.16 0.14 0.00	18.44 0.16 0.00	21.20 0.56 0.00	28.69 1.44 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.63 0.97 0.00	20.96 0.92 0.00	19.96 0.80 0.00	18.80 0.67 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.51 0.80 0.00	21.07 1.18 -0.22	27.57 1.61 -1.91	32.89 2.21 -1.62	36.92 2.74 -2.63	33.21 2.07 -1.52	28.34 1.48 -2.98	21.85 1.17 -0.19	20.75 1.25 -0.01
WADING RIVER_IC_2 23547	20.76 0.15 0.00	19.30 0.27 0.00	18.57 0.09 0.00	18.16 0.14 0.00	18.44 0.16 0.00	21.20 0.56 0.00	28.69 1.44 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.63 0.97 0.00	20.96 0.92 0.00	19.96 0.80 0.00	18.80 0.67 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.51 0.80 0.00	21.07 1.18 -0.22	27.57 1.61 -1.91	32.89 2.21 -1.62	36.92 2.74 -2.63	33.21 2.07 -1.52	28.34 1.48 -2.98	21.85 1.17 -0.19	20.75 1.25 -0.01

WADING RIVER_IC_3 23601	20.76 0.15 0.00	19.30 0.27 0.00	18.57 0.09 0.00	18.16 0.14 0.00	18.44 0.16 0.00	21.20 0.56 0.00	28.69 1.44 0.00	35.41 2.30 -1.56	30.84 1.24 0.00	23.63 0.97 0.00	20.96 0.92 0.00	19.96 0.80 0.00	18.80 0.67 0.00	18.28 0.77 0.00	17.82 0.75 0.00	18.51 0.80 0.00	21.07 1.18 -0.22	27.57 1.61 -1.91	32.89 2.21 -1.62	36.92 2.74 -2.63	33.21 2.07 -1.52	28.34 1.48 -2.98	21.85 1.17 -0.19	20.75 1.25 -0.01
WALDENNY_I2_KV_BK2 80841	20.70 0.08 0.00	19.24 0.21 0.00	18.79 0.31 0.00	17.91 -0.11 0.00	18.22 -0.05 0.00	20.91 0.27 0.00	26.37 -0.87 0.00	30.04 -1.51 0.00	28.39 -1.21 0.00	22.12 -0.54 0.00	19.56 -0.48 0.00	18.56 -0.59 0.00	17.55 -0.58 0.00	16.89 -0.61 0.00	16.47 -0.60 0.00	17.01 -0.71 0.00	18.86 -0.81 0.00	22.82 -1.23 0.00	26.85 -2.21 0.00	29.16 -2.40 0.00	26.68 -2.93 0.00	21.71 -2.17 0.00	19.09 -1.41 0.00	18.89 -0.60 0.00
WALDEN___HYDRO 24148	20.90 0.29 0.00	19.28 0.25 0.00	18.66 0.18 0.00	18.28 0.27 0.00	18.49 0.22 0.00	21.00 0.35 0.00	27.95 0.71 0.00	32.81 1.26 0.00	30.40 0.80 0.00	23.27 0.61 0.00	20.58 0.54 0.00	19.69 0.54 0.00	18.64 0.51 0.00	18.03 0.53 0.00	17.56 0.49 0.00	18.30 0.58 0.00	20.34 0.67 0.00	24.87 0.82 0.00	30.10 1.05 0.00	33.13 1.58 0.00	30.83 1.21 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.12 0.62 0.00
WARRENSBURG____ 23737	21.13 0.52 0.00	19.49 0.46 0.00	18.90 0.43 0.00	18.43 0.41 0.00	18.70 0.42 0.00	21.22 0.58 0.00	28.30 1.06 0.00	33.07 1.51 0.00	30.75 1.15 0.00	23.29 0.63 0.00	20.60 0.56 0.00	19.65 0.50 0.00	18.53 0.40 0.00	17.86 0.35 0.00	17.39 0.32 0.00	18.04 0.32 0.00	20.16 0.49 0.00	24.75 0.70 0.00	30.16 1.10 0.00	33.01 1.45 0.00	30.86 1.24 0.00	24.81 0.93 0.00	21.22 0.72 0.00	20.04 0.55 0.00
WATERSIDE___6 8 9 23538	20.82 0.21 0.00	19.18 0.15 0.00	18.55 0.07 0.00	18.23 0.22 0.00	18.42 0.15 0.00	20.83 0.19 0.00	27.79 0.54 0.00	32.78 1.23 0.00	30.52 0.92 0.00	23.50 0.84 0.00	20.82 0.78 0.00	20.01 0.86 0.00	19.00 0.87 0.00	18.42 0.91 0.00	17.90 0.84 0.00	18.71 0.99 0.00	20.63 0.96 0.00	25.21 1.15 0.00	30.36 1.31 0.00	33.29 1.74 0.00	30.98 1.36 0.00	24.86 0.98 0.00	21.26 0.76 0.00	20.21 0.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.67 0.02 0.00	27.32 0.08 0.00	31.77 0.22 0.00	29.72 0.12 0.00	22.71 0.05 0.00	20.08 0.04 0.00	19.21 0.06 0.00	18.17 0.04 0.00	17.54 0.04 0.00	17.10 0.03 0.00	17.75 0.04 0.00	19.75 0.08 0.00	24.17 0.12 0.00	29.23 0.17 0.00	31.87 0.32 0.00	29.82 0.21 0.00	24.00 0.12 0.00	20.58 0.08 0.00	19.53 0.04 0.00
WATSON___69_KV_BK 1 55734	21.15 0.54 0.00	19.66 0.63 0.00	18.90 0.42 0.00	18.54 0.52 0.00	18.77 0.49 0.00	21.43 0.78 0.00	28.90 1.66 0.00	35.72 2.62 -1.55	31.38 1.78 0.00	24.09 1.43 0.00	21.32 1.28 0.00	20.34 1.19 0.00	19.16 1.03 0.00	18.58 1.07 0.00	18.11 1.04 0.00	18.87 1.15 0.00	21.44 1.55 -0.21	27.90 1.95 -1.90	33.11 2.44 -1.61	37.27 3.09 -2.62	33.62 2.49 -1.51	28.76 1.91 -2.97	22.22 1.54 -0.18	20.92 1.42 0.00
WDELAWARE___HYD 323627	21.34 0.72 0.00	19.64 0.61 0.00	19.01 0.54 0.00	18.59 0.58 0.00	18.82 0.55 0.00	21.37 0.72 0.00	28.50 1.25 0.00	33.51 1.96 0.00	31.08 1.48 0.00	23.66 1.00 0.00	20.88 0.84 0.00	19.88 0.73 0.00	18.82 0.69 0.00	18.21 0.70 0.00	17.73 0.66 0.00	18.48 0.76 0.00	20.61 0.94 0.00	25.25 1.20 0.00	30.54 1.48 0.00	33.70 2.15 0.00	31.39 1.78 0.00	25.15 1.26 0.00	21.55 1.04 0.00	20.51 1.01 0.00
WEST BABYLON___IC 23714	21.13 0.52 0.00	19.60 0.57 0.00	18.86 0.39 0.00	18.50 0.49 0.00	18.73 0.46 0.00	21.37 0.72 0.00	28.80 1.55 0.00	35.56 2.46 -1.55	31.29 1.69 0.00	24.02 1.36 0.00	21.28 1.24 0.00	20.30 1.15 0.00	19.15 1.02 0.00	18.54 1.03 0.00	18.07 1.01 0.00	18.85 1.13 0.00	21.38 1.49 -0.21	27.80 1.85 -1.90	32.97 2.30 -1.61	37.08 2.90 -2.62	33.50 2.37 -1.51	28.67 1.82 -2.97	22.13 1.46 -0.18	20.84 1.34 0.00
WEST CANADA___HYD 24049	20.61 0.00 0.00	19.03 0.00 0.00	18.47 0.00 0.00	18.01 0.00 0.00	18.27 0.00 0.00	20.64 0.00 0.00	27.30 0.05 0.00	31.71 0.16 0.00	29.66 0.06 0.00	22.68 0.02 0.00	20.06 0.02 0.00	19.17 0.02 0.00	18.15 0.02 0.00	17.52 0.02 0.00	17.08 0.02 0.00	17.73 0.02 0.00	19.71 0.04 0.00	24.10 0.05 0.00	29.14 0.09 0.00	31.74 0.19 0.00	29.73 0.12 0.00	23.95 0.07 0.00	20.54 0.04 0.00	19.53 0.04 0.00
WESTERN_NY_WIND 24143	20.68 0.06 0.00	19.22 0.19 0.00	18.75 0.28 0.00	17.89 -0.13 0.00	18.24 -0.04 0.00	20.83 0.19 0.00	26.43 -0.82 0.00	30.42 -1.14 0.00	28.65 -0.95 0.00	22.16 -0.50 0.00	19.56 -0.48 0.00	18.48 -0.67 0.00	17.48 -0.65 0.00	16.84 -0.67 0.00	16.43 -0.63 0.00	16.95 -0.76 0.00	18.81 -0.87 0.00	22.92 -1.13 0.00	27.02 -2.03 0.00	29.47 -2.08 0.00	27.13 -2.49 0.00	21.95 -1.93 0.00	19.25 -1.25 0.00	18.95 -0.55 0.00
WESTOVER___LESR 323668	21.07 0.45 0.00	19.45 0.42 0.00	18.90 0.42 0.00	18.34 0.32 0.00	18.62 0.35 0.00	21.18 0.54 0.00	27.71 0.46 0.00	32.21 0.66 0.00	30.05 0.44 0.00	23.11 0.45 0.00	20.36 0.32 0.00	19.42 0.27 0.00	18.38 0.25 0.00	17.73 0.23 0.00	17.29 0.22 0.00	17.93 0.21 0.00	19.87 0.20 0.00	24.22 0.17 0.00	29.12 0.06 0.00	31.84 0.28 0.00	29.53 -0.09 0.00	23.86 -0.02 0.00	20.58 0.08 0.00	19.69 0.19 0.00
WETHRSFD_WT_PWR 323626	20.47 -0.14 0.00	19.03 0.00 0.00	18.59 0.11 0.00	17.92 -0.09 0.00	18.02 -0.26 0.00	20.67 0.02 0.00	26.07 -1.17 0.00	29.72 -1.83 0.00	28.09 -1.51 0.00	21.87 -0.79 0.00	19.36 -0.68 0.00	18.41 -0.75 0.00	17.37 -0.76 0.00	16.72 -0.79 0.00	16.30 -0.77 0.00	16.81 -0.90 0.00	18.65 -1.02 0.00	22.58 -1.47 0.00	26.56 -2.50 0.00	28.84 -2.71 0.00	26.47 -3.14 0.00	21.66 -2.22 0.00	18.84 -1.66 0.00	18.62 -0.88 0.00
WHAVSTOR_138KV_BK127 55557	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.66 0.60 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.92 0.87 0.00	30.10 1.05 0.00	33.07 1.51 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.06 0.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.78 0.16 0.00	19.17 0.13 0.00	18.53 0.06 0.00	18.18 0.16 0.00	18.38 0.11 0.00	20.87 0.23 0.00	27.79 0.54 0.00	32.72 1.17 0.00	30.37 0.77 0.00	23.34 0.68 0.00	20.66 0.62 0.00	19.80 0.65 0.00	18.76 0.63 0.00	18.14 0.63 0.00	17.66 0.60 0.00	18.41 0.69 0.00	20.42 0.75 0.00	24.92 0.87 0.00	30.10 1.05 0.00	33.07 1.51 0.00	30.74 1.13 0.00	24.74 0.86 0.00	21.18 0.68 0.00	20.06 0.57 0.00

WHITEHAL_115KV_TB1 80871	21.38 0.76 0.00	19.68 0.65 0.00	19.08 0.61 0.00	18.64 0.63 0.00	18.88 0.60 0.00	21.45 0.81 0.00	28.69 1.44 0.00	33.54 1.99 0.00	31.17 1.57 0.00	23.50 0.84 0.00	20.78 0.74 0.00	19.82 0.67 0.00	18.66 0.53 0.00	17.96 0.46 0.00	17.48 0.41 0.00	18.14 0.43 0.00	20.34 0.67 0.00	24.99 0.94 0.00	30.57 1.51 0.00	33.51 1.96 0.00	31.36 1.75 0.00	25.15 1.27 0.00	21.51 1.00 0.00	20.21 0.72 0.00
WHITEPLN_13_KV_LOAD 356215	20.99 0.37 0.00	19.36 0.32 0.00	18.71 0.24 0.00	18.34 0.32 0.00	18.55 0.27 0.00	21.04 0.39 0.00	28.11 0.87 0.00	33.19 1.64 0.00	30.82 1.21 0.00	23.64 0.97 0.00	20.92 0.88 0.00	20.07 0.92 0.00	19.02 0.89 0.00	18.38 0.88 0.00	17.92 0.85 0.00	18.69 0.97 0.00	20.71 1.04 0.00	25.35 1.30 0.00	30.60 1.54 0.00	33.61 2.05 0.00	31.21 1.60 0.00	25.08 1.19 0.00	21.44 0.94 0.00	20.31 0.82 0.00
WM_FLOYD_69_KV_BK2 356380	20.90 0.29 0.00	19.45 0.42 0.00	18.68 0.20 0.00	18.34 0.32 0.00	18.57 0.29 0.00	21.26 0.62 0.00	28.69 1.44 0.00	35.47 2.37 -1.55	31.02 1.42 0.00	23.77 1.11 0.00	21.06 1.02 0.00	20.09 0.94 0.00	18.91 0.78 0.00	18.35 0.84 0.00	17.89 0.82 0.00	18.64 0.92 0.00	21.18 1.30 -0.21	27.68 1.73 -1.90	32.94 2.27 -1.61	37.01 2.84 -2.62	33.35 2.22 -1.51	28.52 1.67 -2.97	21.99 1.31 -0.18	20.78 1.29 0.00
WOODARD__115KV_TB2 355635	20.68 0.06 0.00	19.09 0.06 0.00	18.55 0.07 0.00	18.00 -0.02 0.00	18.29 0.02 0.00	20.60 -0.04 0.00	27.00 -0.25 0.00	31.43 -0.13 0.00	29.36 -0.24 0.00	22.55 -0.11 0.00	19.90 -0.14 0.00	19.00 -0.15 0.00	18.00 -0.13 0.00	17.38 -0.12 0.00	16.96 -0.10 0.00	17.56 -0.16 0.00	19.45 -0.22 0.00	23.76 -0.29 0.00	28.56 -0.49 0.00	31.18 -0.38 0.00	29.05 -0.56 0.00	23.40 -0.48 0.00	20.17 -0.33 0.00	19.28 -0.21 0.00
YORK__WARBASSE 23770	20.90 0.29 0.00	19.24 0.21 0.00	18.59 0.11 0.00	18.27 0.25 0.00	18.46 0.18 0.00	20.85 0.21 0.00	27.87 0.63 0.00	32.81 1.26 0.00	30.61 1.01 0.00	23.57 0.91 0.00	20.86 0.82 0.00	20.07 0.92 0.00	19.05 0.92 0.00	18.47 0.96 0.00	17.95 0.89 0.00	18.76 1.05 0.00	20.69 1.02 0.00	25.33 1.27 0.00	30.54 1.48 0.00	33.38 1.83 0.00	31.15 1.54 0.00	24.96 1.07 0.00	21.34 0.84 0.00	20.29 0.80 0.00