

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		09/02/2023																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	20.55	18.61	18.48	17.94	17.51	17.76	17.21	18.08	18.00	18.04	18.28	18.65	19.91	21.04	21.08	22.77	27.74	30.02	30.97	29.89	25.83	22.76	21.62	20.48			
		1.24	1.15	0.95	0.86	0.85	0.82	0.96	1.08	1.12	1.18	1.26	1.25	1.27	1.43	1.42	1.76	2.26	2.38	2.42	2.32	1.76	1.74	1.58	1.38			
		0.00	0.00	-2.43	-2.69	-1.80	-2.80	-1.00	-1.58	-1.29	-1.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	20.55	18.61	18.48	17.94	17.51	17.76	17.16	17.99	17.99	18.02	18.26	18.65	19.89	21.02	21.12	22.72	27.74	29.99	30.97	29.89	25.85	22.70	21.56	20.46			
		1.24	1.15	0.95	0.86	0.85	0.82	0.91	0.99	1.11	1.16	1.24	1.25	1.25	1.41	1.46	1.72	2.26	2.35	2.43	2.32	1.78	1.68	1.52	1.36			
		0.00	0.00	-2.43	-2.69	-1.80	-2.80	-1.00	-1.58	-1.29	-1.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	20.55	18.61	18.48	17.94	17.51	17.76	17.16	17.99	17.99	18.02	18.26	18.65	19.89	21.02	21.12	22.72	27.74	29.99	30.97	29.89	25.85	22.70	21.56	20.46			
		1.24	1.15	0.95	0.86	0.85	0.82	0.91	0.99	1.11	1.16	1.24	1.25	1.25	1.41	1.46	1.72	2.26	2.35	2.43	2.32	1.78	1.68	1.52	1.36			
		0.00	0.00	-2.43	-2.69	-1.80	-2.80	-1.00	-1.58	-1.29	-1.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	20.55	18.57	19.38	18.95	18.29	18.85	17.65	18.57	18.35	18.32	18.11	18.53	19.79	20.86	21.20	22.68	27.48	30.05	31.40	30.42	26.48	22.95	21.74	20.67			
		1.24	1.12	1.04	0.98	1.03	0.98	1.07	1.05	1.04	1.07	1.09	1.13	1.16	1.25	1.53	1.68	2.14	2.40	2.85	2.84	2.41	1.93	1.70	1.57			
		0.00	0.00	-3.24	-3.58	-2.40	-3.73	-1.33	-2.10	-1.72	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	20.70	18.70	19.48	19.05	18.40	18.95	17.78	18.68	18.46	18.44	18.26	18.68	19.96	21.02	21.38	22.91	27.79	30.38	31.77	30.80	26.79	23.23	21.96	20.86			
		1.39	1.24	1.15	1.08	1.13	1.07	1.20	1.16	1.15	1.19	1.24	1.29	1.32	1.41	1.71	1.91	2.44	2.74	3.22	3.23	2.72	2.21	1.92	1.76			
		0.00	0.00	-3.24	-3.58	-2.40	-3.73	-1.33	-2.10	-1.72	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	20.55	18.57	19.38	18.95	18.29	18.85	17.65	18.57	18.35	18.32	18.11	18.53	19.79	20.86	21.20	22.68	27.48	30.05	31.40	30.42	26.48	22.95	21.74	20.67			
		1.24	1.12	1.04	0.98	1.03	0.98	1.07	1.05	1.04	1.07	1.09	1.13	1.16	1.25	1.53	1.68	2.14	2.40	2.85	2.84	2.41	1.93	1.70	1.57			
		0.00	0.00	-3.24	-3.58	-2.40	-3.73	-1.33	-2.10	-1.72	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	20.32	18.40	19.00	18.57	17.96	18.45	17.39	18.27	18.06	17.99	17.81	18.18	19.42	20.53	20.65	22.05	26.49	29.11	30.23	29.20	25.44	22.32	21.26	20.21			
		1.00	0.94	0.80	0.75	0.79	0.73	0.87	0.83	0.83	0.80	0.78	0.78	0.78	0.92	0.98	1.05	1.22	1.46	1.68	1.63	1.37	1.30	1.22	1.11			
		0.00	0.00	-3.10	-3.43	-2.30	-3.57	-1.28	-2.02	-1.65	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	19.62	17.82	18.49	18.14	17.51	18.03	16.96	17.86	17.56	17.49	17.35	17.71	18.90	19.96	20.10	21.49	25.89	28.22	29.26	28.29	24.62	21.57	20.52	19.54			
		0.31	0.37	0.27	0.30	0.33	0.30	0.43	0.42	0.31	0.30	0.32	0.31	0.26	0.35	0.43	0.48	0.53	0.58	0.71	0.72	0.55	0.55	0.48	0.44			
		0.00	0.00	-3.12	-3.45	-2.32	-3.59	-1.28	-2.03	-1.66	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	19.00	17.19	14.87	14.15	14.61	13.89	14.97	15.16	15.37	15.49	16.80	17.13	18.38	19.26	19.29	20.50	24.83	27.01	27.83	26.83	23.40	20.43	19.52	18.68			
		-0.31	-0.26	-0.23	-0.24	-0.25	-0.25	-0.27	-0.26	-0.22	-0.19	-0.22	-0.26	-0.26	-0.35	-0.37	-0.50	-0.58	-0.64	-0.71	-0.74	-0.67	-0.59	-0.52	-0.42			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	19.62	17.82	18.49	18.14	17.51	18.03	16.96	17.86	17.56	17.49	17.35	17.71	18.90	19.96	20.10	21.49	25.89	28.22	29.26	28.29	24.62	21.57	20.52	19.54			
		0.31	0.37	0.27	0.30	0.33	0.30	0.43	0.42	0.31	0.30	0.32	0.31	0.26	0.35	0.43	0.48	0.53	0.58	0.71	0.72	0.55	0.55	0.48	0.44			
		0.00	0.00	-3.12	-3.45	-2.32	-3.59	-1.28	-2.03	-1.66	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___2 23572	EDT	19.62	17.82	18.49	18.14	17.51	18.03	16.96	17.86	17.56	17.49	17.35	17.71	18.90	19.96	20.10	21.49	25.89	28.22	29.26	28.29	24.62	21.57	20.52	19.54			
		0.31	0.37	0.27	0.30	0.33	0.30	0.43	0.42	0.31	0.30	0.32	0.31	0.26	0.35	0.43	0.48	0.53	0.58	0.71	0.72	0.55	0.55	0.48	0.44			
		0.00	0.00	-3.12	-3.45	-2.32	-3.59	-1.28	-2.03	-1.66	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___3 23573	EDT	19.62	17.82	18.49	18.14	17.51	18.03	16.96	17.86	17.56	17.49	17.35	17.71	18.90	19.96	20.10	21.49	25.89	28.22	29.26	28.29	24.62	21.57	20.52	19.54			
		0.31	0.37	0.27	0.30	0.33	0.30	0.43	0.42	0.31	0.30	0.32	0.31	0.26	0.35	0.43	0.48	0.53	0.58	0.71	0.72	0.55	0.55	0.48	0.44			
		0.00	0.00	-3.12	-3.45	-2.32	-3.59	-1.28	-2.03	-1.66	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___4 23574	19.62 0.31 0.00	17.82 0.37 0.00	18.49 0.27 -3.12	18.14 0.30 -3.45	17.51 0.33 -2.32	18.03 0.30 -3.59	16.96 0.43 -1.28	17.86 0.42 -2.03	17.56 0.31 -1.66	17.49 0.30 -1.51	17.35 0.32 0.00	17.71 0.31 0.00	18.90 0.26 0.00	19.96 0.35 0.00	20.10 0.43 0.00	21.49 0.48 0.00	25.89 0.53 0.06	28.22 0.58 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.62 0.55 0.00	21.57 0.55 0.00	20.52 0.48 0.00	19.54 0.44 0.00
ALBANY___LFGE 323615	19.79 0.48 0.00	17.98 0.52 0.00	18.66 0.41 -3.15	18.29 0.42 -3.48	17.65 0.45 -2.34	18.18 0.41 -3.63	17.02 0.47 -1.30	17.90 0.43 -2.05	17.70 0.44 -1.68	17.65 0.44 -1.53	17.50 0.48 0.00	17.86 0.47 0.00	19.07 0.43 0.00	20.16 0.55 0.00	20.30 0.63 0.00	21.74 0.73 0.00	26.17 0.81 0.07	28.55 0.91 0.00	29.60 1.06 0.00	28.63 1.05 0.00	24.91 0.84 0.00	21.82 0.80 0.00	20.74 0.70 0.00	19.73 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	19.12 -0.19 0.00	17.32 -0.14 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.71 -0.15 0.00	13.97 -0.17 0.00	15.08 -0.17 0.00	15.25 -0.17 0.00	15.48 -0.11 0.00	15.60 -0.08 0.00	16.94 -0.09 0.00	17.27 -0.12 0.00	18.51 -0.13 0.00	19.31 -0.29 0.00	19.37 -0.30 0.00	20.58 -0.42 0.00	24.96 -0.46 0.00	27.15 -0.50 0.00	27.94 -0.60 0.00	26.97 -0.61 0.00	23.52 -0.55 0.00	20.54 -0.48 0.00	19.60 -0.44 0.00	18.82 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	19.12 -0.19 0.00	17.32 -0.14 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.71 -0.15 0.00	13.97 -0.17 0.00	15.08 -0.17 0.00	15.25 -0.17 0.00	15.48 -0.11 0.00	15.60 -0.08 0.00	16.94 -0.09 0.00	17.27 -0.12 0.00	18.51 -0.13 0.00	19.31 -0.29 0.00	19.37 -0.30 0.00	20.58 -0.42 0.00	24.96 -0.46 0.00	27.15 -0.50 0.00	27.94 -0.60 0.00	26.97 -0.61 0.00	23.52 -0.55 0.00	20.54 -0.48 0.00	19.60 -0.44 0.00	18.82 -0.29 0.00
ALCOA___DSASP 323711	19.12 -0.19 0.00	17.32 -0.14 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.71 -0.15 0.00	13.97 -0.17 0.00	15.07 -0.18 0.00	15.25 -0.17 0.00	15.48 -0.11 0.00	15.60 -0.08 0.00	16.94 -0.08 0.00	17.27 -0.12 0.00	18.51 -0.13 0.00	19.31 -0.29 0.00	19.37 -0.29 0.00	20.58 -0.42 0.00	24.96 -0.46 0.00	27.15 -0.50 0.00	27.94 -0.60 0.00	26.97 -0.61 0.00	23.52 -0.55 0.00	20.50 -0.52 0.00	19.60 -0.44 0.00	18.82 -0.29 0.00
ALLEGHENY___COGEN 23514	20.10 0.79 0.00	18.07 0.61 0.00	15.99 0.50 -0.39	15.33 0.50 -0.43	15.70 0.55 -0.29	15.13 0.54 -0.45	16.03 0.63 -0.16	16.23 0.55 -0.25	16.19 0.39 -0.21	16.07 0.20 -0.19	17.31 0.29 0.00	17.76 0.37 0.00	19.23 0.60 0.00	20.18 0.57 0.00	20.42 0.75 0.00	22.11 1.11 0.00	26.77 1.35 0.00	29.19 1.55 0.00	30.11 1.57 0.00	29.34 1.77 0.00	26.00 1.93 0.00	22.30 1.28 0.00	21.04 1.00 0.00	20.06 0.95 0.00
ALTAMONT_115KV_TB 2 55880	19.89 0.58 0.00	18.03 0.58 0.00	18.70 0.48 -3.12	18.31 0.47 -3.45	17.67 0.49 -2.32	18.20 0.47 -3.59	17.05 0.52 -1.28	17.97 0.52 -2.03	17.75 0.50 -1.66	17.68 0.49 -1.51	17.53 0.51 0.00	17.90 0.50 0.00	19.10 0.47 0.00	20.16 0.55 0.00	20.30 0.63 0.00	21.72 0.71 0.00	26.24 0.86 0.04	28.61 0.97 0.00	29.63 1.08 0.00	28.63 1.05 0.00	24.94 0.87 0.00	21.78 0.76 0.00	20.72 0.68 0.00	19.73 0.63 0.00
ALTONA_WT_PWR 323606	19.18 -0.13 0.00	17.30 -0.16 0.00	14.92 -0.18 0.00	14.13 -0.26 0.00	14.58 -0.28 0.00	13.83 -0.31 0.00	14.91 -0.34 0.00	15.13 -0.29 0.00	15.39 -0.20 0.00	15.55 -0.13 0.00	16.90 -0.12 0.00	17.22 -0.17 0.00	18.45 -0.19 0.00	19.31 -0.29 0.00	19.31 -0.35 0.00	20.52 -0.48 0.00	24.91 -0.51 0.00	27.06 -0.58 0.00	27.74 -0.80 0.00	26.59 -0.99 0.00	23.06 -1.01 0.00	20.03 -0.99 0.00	19.14 -0.90 0.00	18.30 -0.80 0.00
AMERICAN_REF_FUEL 24010	18.64 -0.68 0.00	16.83 -0.63 0.00	14.85 -0.60 -0.35	14.32 -0.46 -0.39	14.64 -0.49 -0.26	14.10 -0.45 -0.41	14.88 -0.52 -0.15	14.99 -0.66 -0.23	14.89 -0.89 -0.19	14.86 -0.99 -0.17	16.12 -0.90 0.00	16.59 -0.80 0.00	18.00 -0.63 0.00	18.82 -0.78 0.00	19.02 -0.65 0.00	20.48 -0.52 0.00	24.43 -0.99 0.00	26.26 -1.38 0.00	26.92 -1.63 0.00	26.25 -1.32 0.00	23.28 -0.79 0.00	20.18 -0.84 0.00	19.22 -0.82 0.00	18.42 -0.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.25 -0.06 0.00	17.16 -0.30 0.00	15.05 -0.45 -0.40	14.47 -0.36 -0.44	14.76 -0.40 -0.30	14.25 -0.35 -0.46	15.26 -0.15 -0.16	15.25 -0.43 -0.26	15.29 -0.51 -0.21	15.37 -0.50 -0.19	17.00 -0.02 0.00	17.48 0.09 0.00	18.88 0.24 0.00	19.75 0.14 0.00	19.96 0.30 0.00	21.51 0.50 0.00	25.67 0.25 0.00	27.59 -0.06 0.00	28.26 -0.29 0.00	27.44 -0.14 0.00	24.29 0.22 0.00	20.96 -0.06 0.00	19.90 -0.14 0.00	19.01 -0.10 0.00
ARTHUR_KILL_GT_1 23520	15.18 1.04 5.18	14.48 0.98 3.96	14.26 0.80 1.64	14.40 0.71 0.69	11.37 0.67 4.16	11.66 0.65 3.13	12.03 0.66 3.87	15.84 0.83 0.41	16.36 0.86 0.08	17.42 0.94 -0.80	17.96 0.99 0.05	18.40 1.01 0.01	19.03 0.97 0.58	18.97 1.14 1.77	19.70 1.12 1.09	21.52 1.49 0.97	21.64 2.06 5.84	21.96 2.13 7.81	21.56 2.14 9.12	21.62 2.07 8.03	20.29 1.44 5.23	21.03 1.47 1.46	21.40 1.36 0.00	18.46 1.20 1.85
ARTHUR_KILL_2 23512	15.12 0.98 5.18	14.42 0.92 3.96	14.21 0.75 1.64	14.38 0.68 0.69	11.34 0.64 4.16	11.63 0.62 3.13	12.00 0.63 3.87	15.81 0.80 0.41	16.32 0.81 0.08	17.39 0.91 -0.80	17.92 0.95 0.05	18.36 0.97 0.01	18.97 0.91 0.58	18.91 1.08 1.77	19.66 1.08 1.09	21.46 1.43 0.97	21.56 1.98 5.84	21.87 2.05 7.81	21.48 2.06 9.12	21.54 1.99 8.03	20.22 1.37 5.23	20.97 1.41 1.46	21.34 1.30 0.00	18.42 1.17 1.85
ARTHUR_KILL_3 23513	15.17 1.04 5.18	14.47 0.98 3.97	14.27 0.81 1.65	14.41 0.72 0.70	11.39 0.70 4.17	11.70 0.69 3.13	12.22 0.84 3.87	15.98 0.96 0.40	16.50 0.98 0.08	17.53 1.03 -0.81	18.09 1.11 0.04	18.49 1.10 0.00	19.15 1.08 0.57	19.08 1.24 1.76	19.81 1.22 1.08	21.57 1.53 0.96	21.59 2.01 5.83	21.94 2.10 7.81	21.57 2.14 9.11	21.60 2.04 8.02	20.39 1.54 5.22	21.10 1.53 1.45	21.42 1.38 0.00	18.41 1.17 1.86
ARTHUR_KILL_COGEN 323718	15.18 1.04 5.18	14.48 0.98 3.96	14.26 0.80 1.64	14.40 0.71 0.69	11.37 0.67 4.16	11.66 0.65 3.13	12.03 0.66 3.87	15.84 0.83 0.41	16.36 0.86 0.08	17.42 0.94 -0.80	17.96 0.99 0.05	18.40 1.01 0.01	19.03 0.97 0.58	18.97 1.14 1.77	19.70 1.12 1.09	21.52 1.49 0.97	21.64 2.06 5.84	21.96 2.13 7.81	21.56 2.14 9.12	21.62 2.07 8.03	20.29 1.44 5.23	21.03 1.47 1.46	21.40 1.36 0.00	18.46 1.20 1.85
ASHOKAN____ 23654	20.28 0.97 0.00	18.33 0.87 0.00	18.23 0.38 -2.75	17.74 0.30 -3.04	17.25 0.34 -2.04	17.64 0.33 -3.17	17.02 0.64 -1.13	17.53 0.32 -1.79	17.27 0.22 -1.46	17.20 0.19 -1.34	17.41 0.39 0.00	17.71 0.31 0.00	18.92 0.28 0.00	19.98 0.37 0.00	20.18 0.51 0.00	21.74 0.73 0.00	27.35 1.93 0.00	29.02 1.38 0.00	30.20 1.65 0.00	29.23 1.65 0.00	25.34 1.27 0.00	22.24 1.22 0.00	21.08 1.04 0.00	20.04 0.94 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.83 0.75 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.05 0.81 -1.00	18.06 1.06 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.72 1.08 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.83 0.75 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.05 0.81 -1.00	18.06 1.06 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.72 1.08 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
ASTORIA_GT2_1 24094	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT2_2 24095	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT2_3 24096	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT2_4 24097	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT3_1 24098	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT3_2 24099	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT3_3 24100	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT3_4 24101	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT4_1 24102	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT4_2 24103	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT4_3 24104	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT4_4 24105	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.88 0.88 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	21.01 1.34 0.00	22.66 1.66 0.00	27.74 2.26 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.48 1.44 0.00	20.48 1.38 0.00
ASTORIA_GT_1 23523	20.47 1.16 0.00	18.54 1.08 0.00	18.42 0.89 -2.43	17.85 0.78 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.07 0.82 -1.00	18.08 1.08 -1.58	17.85 0.97 -1.29	17.93 1.07 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.99 1.32 0.00	22.72 1.72 0.00	27.77 2.29 -0.06	29.96 2.32 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.71 1.64 0.00	22.68 1.66 0.00	21.56 1.52 0.00	20.52 1.41 0.00

ASTORIA_GT_10 24110	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
ASTORIA_GT_11 24225	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
ASTORIA_GT_12 24226	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
ASTORIA_GT_13 24227	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
ASTORIA_GT_5 24106	20.47 1.16 0.00	18.54 1.08 0.00	18.42 0.89 -2.43	17.85 0.78 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.07 0.82 -1.00	18.08 1.08 -1.58	17.85 0.97 -1.29	17.93 1.07 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.99 1.32 0.00	22.72 1.72 0.00	27.77 2.29 -0.06	29.96 2.32 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.71 1.64 0.00	22.68 1.66 0.00	21.56 1.52 0.00	20.52 1.41 0.00
ASTORIA_GT_7 24107	20.47 1.16 0.00	18.54 1.08 0.00	18.42 0.89 -2.43	17.85 0.78 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.07 0.82 -1.00	18.08 1.08 -1.58	17.85 0.97 -1.29	17.93 1.07 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.99 1.32 0.00	22.72 1.72 0.00	27.77 2.29 -0.06	29.96 2.32 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.71 1.64 0.00	22.68 1.66 0.00	21.56 1.52 0.00	20.52 1.41 0.00
ASTORIA_GT_8 24108	20.47 1.16 0.00	18.54 1.08 0.00	18.42 0.89 -2.43	17.85 0.78 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.04 0.79 -1.00	17.91 0.91 -1.58	17.85 0.97 -1.29	17.93 1.07 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.04 1.38 0.00	22.70 1.70 0.00	27.79 2.31 -0.06	29.96 2.32 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.73 1.66 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.52 1.41 0.00
ASTORIA___2 24149	20.43 1.12 0.00	18.52 1.06 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.05 0.81 -1.00	18.06 1.06 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.26 1.24 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.66 1.59 0.00	22.66 1.64 0.00	21.52 1.48 0.00	20.48 1.38 0.00
ASTORIA___3 23516	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.07 0.82 -1.00	18.00 1.00 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.38 1.28 0.00
ASTORIA___4 23517	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
ASTORIA___5 23518	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.07 0.82 -1.00	18.00 1.00 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.38 1.28 0.00
AST_ENERGY_2_CC3 323677	20.43 1.12 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.13 0.88 -1.00	18.00 1.00 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.76 1.12 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.60 1.60 0.00	27.54 2.06 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.67 2.09 0.00	25.68 1.61 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.34 1.24 0.00
AST_ENERGY_2_CC4 323678	20.43 1.12 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.13 0.88 -1.00	18.00 1.00 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.76 1.12 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.60 1.60 0.00	27.54 2.06 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.67 2.09 0.00	25.68 1.61 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.34 1.24 0.00
ATHENS_STG_1 23668	20.05 0.73 0.00	18.14 0.68 0.00	18.43 0.59 -2.74	18.00 0.58 -3.03	17.48 0.58 -2.04	17.87 0.57 -3.16	16.99 0.61 -1.13	17.82 0.62 -1.78	17.67 0.62 -1.46	17.64 0.63 -1.33	17.69 0.66 0.00	18.06 0.66 0.00	19.22 0.58 0.00	20.25 0.65 0.00	20.30 0.63 0.00	21.76 0.75 0.00	26.38 0.94 -0.02	28.67 1.02 0.00	29.69 1.14 0.00	28.65 1.07 0.00	24.91 0.84 0.00	21.86 0.84 0.00	20.78 0.74 0.00	19.75 0.65 0.00
ATHENS_STG_2 23670	20.05 0.73 0.00	18.14 0.68 0.00	18.43 0.59 -2.74	18.00 0.58 -3.03	17.48 0.58 -2.04	17.87 0.57 -3.16	16.99 0.61 -1.13	17.82 0.62 -1.78	17.67 0.62 -1.46	17.64 0.63 -1.33	17.69 0.66 0.00	18.06 0.66 0.00	19.22 0.58 0.00	20.25 0.65 0.00	20.30 0.63 0.00	21.76 0.75 0.00	26.38 0.94 -0.02	28.67 1.02 0.00	29.69 1.14 0.00	28.65 1.07 0.00	24.91 0.84 0.00	21.86 0.84 0.00	20.78 0.74 0.00	19.75 0.65 0.00

ATHENS_STG_3 23677	20.05 0.73 0.00	18.14 0.68 0.00	18.43 0.59 -2.74	18.00 0.58 -3.03	17.48 0.58 -2.04	17.87 0.57 -3.16	16.99 0.61 -1.13	17.82 0.62 -1.78	17.67 0.62 -1.46	17.64 0.63 -1.33	17.69 0.66 0.00	18.06 0.66 0.00	19.22 0.58 0.00	20.25 0.65 0.00	20.30 0.63 0.00	21.76 0.75 0.00	26.38 0.94 -0.02	28.67 1.02 0.00	29.69 1.14 0.00	28.65 1.07 0.00	24.91 0.84 0.00	21.86 0.84 0.00	20.78 0.74 0.00	19.75 0.65 0.00
AUBURN___LFGE 323710	19.43 0.12 0.00	17.53 0.07 0.00	15.47 0.08 -0.29	14.80 0.09 -0.32	15.20 0.12 -0.22	14.60 0.13 -0.33	15.52 0.15 -0.12	15.76 0.15 -0.19	15.84 0.09 -0.15	15.90 0.08 -0.14	17.14 0.12 0.00	17.57 0.17 0.00	18.92 0.28 0.00	19.90 0.29 0.00	19.96 0.30 0.00	21.49 0.48 0.00	25.98 0.56 0.00	28.25 0.61 0.00	29.14 0.60 0.00	28.21 0.63 0.00	24.74 0.67 0.00	21.44 0.42 0.00	20.34 0.30 0.00	19.37 0.27 0.00
BABYLON_RES_REC 323704	22.14 1.74 -1.09	19.08 1.60 -0.02	18.92 1.37 -2.45	18.21 1.14 -2.69	17.80 1.13 -1.80	18.09 1.15 -2.80	17.62 1.37 -1.00	19.22 1.47 -2.33	20.37 1.48 -3.30	21.30 1.47 -4.14	20.68 1.53 -2.13	21.82 1.53 -2.89	23.38 1.57 -3.18	25.71 1.78 -4.31	29.98 1.79 -8.52	27.60 2.10 -4.50	29.13 2.72 -0.99	38.94 2.96 -8.34	34.35 3.08 -2.72	31.74 2.92 -1.24	32.07 2.31 -5.69	27.85 2.17 -4.67	25.34 2.10 -3.20	23.52 1.87 -2.55
BABYLON__69_KV_BK2 356345	22.39 1.99 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.24 1.30 -2.80	17.76 1.51 -1.00	19.36 1.60 -2.33	20.56 1.67 -3.30	21.50 1.68 -4.14	20.90 1.75 -2.13	22.06 1.77 -2.89	23.66 1.85 -3.18	26.00 2.08 -4.31	30.38 2.18 -8.53	28.28 2.44 -4.85	30.17 3.15 -1.60	39.41 3.43 -8.34	34.81 3.54 -2.73	32.41 3.36 -1.47	32.47 2.70 -5.70	28.67 2.44 -5.21	25.60 2.36 -3.20	23.83 2.18 -2.55
BARON_WINDS___WT_PWR 323822	19.29 -0.02 0.00	17.35 -0.10 0.00	15.40 -0.20 -0.50	14.80 -0.14 -0.55	15.10 -0.13 -0.37	14.63 -0.08 -0.57	15.50 0.05 -0.20	15.57 -0.17 -0.32	15.60 -0.25 -0.26	15.62 -0.30 -0.24	16.97 -0.05 0.00	17.43 0.03 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.92 0.26 0.00	21.46 0.46 0.00	25.80 0.38 0.00	27.89 0.25 0.00	28.72 0.17 0.00	27.83 0.25 0.00	24.55 0.48 0.00	21.23 0.21 0.00	20.10 0.06 0.00	19.16 0.06 0.00
BARRETT_IC_1 23704	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_10 23701	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_11 23702	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_12 23703	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_2 23705	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_3 23706	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_4 23707	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_5 23708	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_6 23709	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_7 23710	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.39 1.14 -1.00	18.95 1.20 -2.33	20.18 1.29 -3.30	21.15 1.33 -4.14	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.30 1.37 -4.31	29.61 1.42 -8.52	27.00 1.66 -4.33	28.29 2.16 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.01 2.29 -1.14	31.53 1.78 -5.68	27.07 1.64 -4.41	24.78 1.54 -3.20	23.10 1.45 -2.55

BARRETT_IC_8 23711	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT_IC_9 23700	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT___1 23545	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BARRETT___2 23546	21.89 1.49 -1.09	18.87 1.40 -0.02	18.74 1.19 -2.45	18.07 0.99 -2.69	17.65 0.98 -1.80	17.93 0.99 -2.80	17.44 1.19 -1.00	19.03 1.28 -2.33	20.18 1.29 -3.30	21.16 1.33 -4.15	20.51 1.36 -2.13	21.62 1.34 -2.89	23.10 1.29 -3.18	25.29 1.37 -4.31	29.55 1.36 -8.52	26.99 1.66 -4.33	28.27 2.14 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.51 1.76 -5.68	27.14 1.70 -4.41	24.82 1.58 -3.20	23.10 1.45 -2.55
BATAVIA___115KV_TB1 55881	19.41 0.10 0.00	17.39 -0.07 0.00	15.40 -0.03 -0.33	14.80 0.04 -0.36	15.17 0.06 -0.24	14.58 0.06 -0.38	15.44 0.06 -0.13	15.65 0.02 -0.21	15.51 -0.25 -0.17	15.49 -0.34 -0.16	16.82 -0.20 0.00	17.33 -0.07 0.00	18.77 0.13 0.00	19.67 0.06 0.00	19.94 0.28 0.00	21.42 0.42 0.00	25.55 0.13 0.00	27.64 0.00 0.00	28.37 -0.17 0.00	27.66 0.08 0.00	24.46 0.39 0.00	21.15 0.13 0.00	20.06 0.02 0.00	19.24 0.13 0.00
BAYONEEC___CTG1 323682	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG10 323750	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG2 323683	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG3 323684	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG4 323685	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG5 323686	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG6 323687	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG7 323688	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG8 323689	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
BAYONEEC___CTG9 323749	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.15 0.90 -1.00	18.02 1.02 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00

BEACON___LESR 323632	19.95 0.64 0.00	18.10 0.65 0.00	18.73 0.51 -3.11	18.34 0.50 -3.44	17.71 0.53 -2.31	18.24 0.51 -3.59	17.12 0.59 -1.28	18.00 0.55 -2.02	17.79 0.55 -1.66	17.74 0.55 -1.51	17.62 0.60 0.00	18.00 0.61 0.00	19.22 0.58 0.00	20.29 0.69 0.00	20.47 0.81 0.00	21.93 0.92 0.00	26.45 1.09 0.06	28.89 1.25 0.00	29.94 1.40 0.00	28.98 1.41 0.00	25.20 1.13 0.00	22.07 1.05 0.00	20.94 0.90 0.00	19.90 0.80 0.00
BEAVER RIVER___HYD 24048	19.14 -0.17 0.00	17.28 -0.17 0.00	14.98 -0.21 -0.09	14.32 -0.17 -0.10	14.75 -0.18 -0.07	14.09 -0.16 -0.11	15.20 -0.09 -0.04	15.36 -0.12 -0.06	15.53 -0.11 -0.05	15.58 -0.14 -0.04	16.85 -0.17 0.00	17.19 -0.21 0.00	18.49 -0.15 0.00	19.23 -0.37 0.00	19.37 -0.29 0.00	20.92 -0.08 0.00	25.42 0.00 0.00	27.81 0.17 0.00	28.60 0.06 0.00	27.69 0.11 0.00	24.26 0.19 0.00	21.08 0.06 0.00	19.76 -0.28 0.00	18.85 -0.25 0.00
BEEBEE_GT_13 23619	19.29 -0.02 0.00	17.33 -0.12 0.00	15.36 -0.02 -0.28	14.74 0.04 -0.31	15.13 0.06 -0.21	14.52 0.06 -0.32	15.42 0.06 -0.12	15.63 0.03 -0.18	15.60 -0.14 -0.15	15.60 -0.22 -0.14	16.82 -0.20 0.00	17.31 -0.09 0.00	18.71 0.07 0.00	19.65 0.04 0.00	19.85 0.18 0.00	21.28 0.27 0.00	25.50 0.08 0.00	27.64 0.00 0.00	28.40 -0.14 0.00	27.63 0.06 0.00	24.36 0.29 0.00	21.10 0.08 0.00	20.04 0.00 0.00	19.16 0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.53 1.22 0.00	18.57 1.12 0.00	18.45 0.92 -2.43	17.91 0.83 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.04 0.79 -1.00	17.89 0.89 -1.58	17.91 1.03 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.61 1.22 0.00	19.83 1.19 0.00	20.98 1.37 0.00	21.08 1.42 0.00	22.72 1.72 0.00	27.82 2.34 -0.06	30.08 2.43 0.00	31.00 2.45 0.00	29.95 2.37 0.00	25.80 1.73 0.00	22.68 1.66 0.00	21.54 1.50 0.00	20.48 1.38 0.00
BETHLEHEM___GRP 23843	19.62 0.31 0.00	17.82 0.37 0.00	18.49 0.27 -3.12	18.14 0.30 -3.45	17.51 0.33 -2.32	18.03 0.30 -3.59	16.96 0.43 -1.28	17.86 0.42 -2.03	17.56 0.31 -1.66	17.49 0.30 -1.51	17.35 0.32 0.00	17.71 0.31 0.00	18.90 0.26 0.00	19.96 0.35 0.00	20.10 0.43 0.00	21.49 0.48 0.00	25.89 0.53 0.06	28.22 0.58 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.62 0.55 0.00	21.57 0.55 0.00	20.52 0.48 0.00	19.54 0.44 0.00
BETHLEHEM___GS1 323560	19.62 0.31 0.00	17.82 0.37 0.00	18.49 0.27 -3.12	18.14 0.30 -3.45	17.51 0.33 -2.32	18.03 0.30 -3.59	16.88 0.35 -1.28	17.75 0.31 -2.03	17.56 0.31 -1.66	17.49 0.30 -1.51	17.34 0.32 0.00	17.71 0.31 0.00	18.90 0.26 0.00	19.96 0.35 0.00	20.08 0.41 0.00	21.49 0.48 0.00	25.87 0.51 0.06	28.22 0.58 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.60 0.53 0.00	21.61 0.59 0.00	20.54 0.50 0.00	19.54 0.44 0.00
BETHLEHEM___GS2 323561	19.62 0.31 0.00	17.82 0.37 0.00	18.49 0.27 -3.12	18.14 0.30 -3.45	17.51 0.33 -2.32	18.03 0.30 -3.59	16.88 0.35 -1.28	17.75 0.31 -2.03	17.56 0.31 -1.66	17.49 0.30 -1.51	17.34 0.32 0.00	17.71 0.31 0.00	18.90 0.26 0.00	19.96 0.35 0.00	20.08 0.41 0.00	21.49 0.48 0.00	25.87 0.51 0.06	28.22 0.58 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.60 0.53 0.00	21.61 0.59 0.00	20.54 0.50 0.00	19.54 0.44 0.00
BETHLEHEM___GS3 323562	19.62 0.31 0.00	17.82 0.37 0.00	18.49 0.27 -3.12	18.14 0.30 -3.45	17.51 0.33 -2.32	18.03 0.30 -3.59	16.88 0.35 -1.28	17.75 0.31 -2.03	17.56 0.31 -1.66	17.49 0.30 -1.51	17.34 0.32 0.00	17.71 0.31 0.00	18.90 0.26 0.00	19.96 0.35 0.00	20.08 0.41 0.00	21.49 0.48 0.00	25.87 0.51 0.06	28.22 0.58 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.60 0.53 0.00	21.61 0.59 0.00	20.54 0.50 0.00	19.54 0.44 0.00
BETHLEHEM___STEEL 23779	19.16 -0.15 0.00	17.16 -0.30 0.00	15.12 -0.36 -0.38	14.55 -0.26 -0.42	14.86 -0.28 -0.28	14.34 -0.24 -0.44	15.13 -0.27 -0.16	15.34 -0.32 -0.25	15.21 -0.58 -0.20	15.19 -0.67 -0.18	16.68 -0.34 0.00	17.17 -0.23 0.00	18.60 -0.04 0.00	19.45 -0.16 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.22 -0.20 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	27.16 -0.41 0.00	23.97 -0.10 0.00	20.83 -0.19 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
BETHLHEM_115KV_TB1 79974	19.68 0.37 0.00	17.88 0.42 0.00	18.53 0.32 -3.12	18.17 0.33 -3.44	17.53 0.36 -2.31	18.07 0.34 -3.59	16.97 0.44 -1.28	17.88 0.43 -2.02	17.59 0.34 -1.66	17.54 0.34 -1.51	17.38 0.36 0.00	17.76 0.37 0.00	18.94 0.30 0.00	20.00 0.39 0.00	20.14 0.47 0.00	21.55 0.55 0.00	25.95 0.58 0.06	28.31 0.66 0.00	29.34 0.80 0.00	28.35 0.77 0.00	24.70 0.63 0.00	21.61 0.59 0.00	20.56 0.52 0.00	19.58 0.48 0.00
BETHPAGE_CC_5 323564	22.04 1.64 -1.09	19.01 1.54 -0.02	18.86 1.31 -2.45	18.17 1.09 -2.69	17.75 1.08 -1.80	18.03 1.09 -2.80	17.56 1.31 -1.00	19.16 1.40 -2.33	20.31 1.42 -3.30	21.26 1.44 -4.14	20.65 1.50 -2.13	21.80 1.51 -2.89	23.36 1.55 -3.18	25.67 1.74 -4.31	29.88 1.69 -8.52	27.38 2.00 -4.38	28.77 2.57 -0.79	38.75 2.76 -8.34	34.12 2.85 -2.72	31.48 2.73 -1.17	31.92 2.17 -5.68	27.56 2.06 -4.48	25.22 1.98 -3.20	23.43 1.78 -2.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.18 -0.14 0.00	17.18 -0.28 0.00	15.09 -0.39 -0.38	14.53 -0.29 -0.42	14.84 -0.31 -0.29	14.32 -0.27 -0.44	15.10 -0.30 -0.16	15.31 -0.35 -0.25	15.20 -0.59 -0.20	15.18 -0.69 -0.19	16.73 -0.29 0.00	17.22 -0.17 0.00	18.64 0.00 0.00	19.51 -0.10 0.00	19.81 0.14 0.00	21.25 0.25 0.00	25.29 -0.13 0.00	27.28 -0.36 0.00	28.00 -0.54 0.00	27.22 -0.36 0.00	24.02 -0.05 0.00	20.87 -0.15 0.00	19.80 -0.24 0.00	19.01 -0.10 0.00
BINGHAMTON___COGEN 23790	19.51 0.19 0.00	17.61 0.16 0.00	15.91 0.09 -0.72	15.30 0.12 -0.79	15.51 0.12 -0.53	15.11 0.14 -0.82	15.68 0.14 -0.29	16.02 0.14 -0.47	16.06 0.09 -0.38	16.09 0.06 -0.35	17.19 0.17 0.00	17.60 0.21 0.00	18.94 0.30 0.00	19.92 0.31 0.00	20.04 0.37 0.00	21.53 0.53 0.00	25.98 0.56 0.00	28.22 0.58 0.00	29.11 0.57 0.00	28.16 0.58 0.00	24.70 0.63 0.00	21.48 0.46 0.00	20.36 0.32 0.00	19.41 0.31 0.00
BIXINCNT_115KV_LOAD 355685	19.18 -0.14 0.00	17.18 -0.28 0.00	14.96 -0.54 -0.41	14.38 -0.46 -0.45	14.67 -0.49 -0.30	14.19 -0.42 -0.47	14.99 -0.43 -0.17	15.22 -0.46 -0.26	15.17 -0.64 -0.22	15.11 -0.77 -0.20	16.87 -0.15 0.00	17.39 0.00 0.00	18.82 0.19 0.00	19.67 0.06 0.00	20.00 0.33 0.00	21.46 0.46 0.00	25.52 0.10 0.00	27.50 -0.14 0.00	28.29 -0.26 0.00	27.44 -0.14 0.00	24.14 0.07 0.00	20.98 -0.04 0.00	19.92 -0.12 0.00	19.06 -0.04 0.00
BLACK RIVER___HYD 24047	19.22 -0.10 0.00	17.35 -0.10 0.00	15.04 -0.18 -0.12	14.40 -0.13 -0.14	14.82 -0.13 -0.09	14.17 -0.11 -0.14	15.28 -0.02 -0.05	15.44 -0.06 -0.08	15.58 -0.08 -0.07	15.60 -0.14 -0.06	16.85 -0.17 0.00	17.20 -0.19 0.00	18.55 -0.09 0.00	19.35 -0.26 0.00	19.49 -0.18 0.00	21.09 0.08 0.00	25.62 0.20 0.00	28.08 0.44 0.00	28.86 0.31 0.00	27.96 0.39 0.00	24.58 0.51 0.00	21.31 0.29 0.00	19.96 -0.08 0.00	19.01 -0.10 0.00

BLACKRVR_115KV_TB2 79977	19.22 -0.10 0.00	17.35 -0.10 0.00	15.04 -0.18 -0.12	14.40 -0.13 -0.14	14.82 -0.13 -0.09	14.17 -0.11 -0.14	15.28 -0.02 -0.05	15.44 -0.06 -0.08	15.58 -0.08 -0.07	15.60 -0.14 -0.06	16.85 -0.17 0.00	17.20 -0.19 0.00	18.54 -0.09 0.00	19.35 -0.25 0.00	19.49 -0.18 0.00	21.11 0.11 0.00	25.62 0.20 0.00	28.08 0.44 0.00	28.86 0.31 0.00	27.96 0.39 0.00	24.55 0.48 0.00	21.31 0.29 0.00	19.98 -0.06 0.00	19.01 -0.10 0.00
BLISS_WT_PWR 323608	19.12 -0.19 0.00	17.14 -0.31 0.00	14.92 -0.59 -0.41	14.35 -0.49 -0.45	14.64 -0.52 -0.30	14.16 -0.45 -0.47	15.31 -0.11 -0.17	15.11 -0.57 -0.26	15.13 -0.67 -0.22	15.08 -0.80 -0.20	16.85 -0.17 0.00	17.39 0.00 0.00	18.81 0.17 0.00	19.65 0.04 0.00	19.92 0.26 0.00	21.46 0.46 0.00	25.57 0.15 0.00	27.48 -0.16 0.00	28.26 -0.29 0.00	27.41 -0.16 0.00	24.22 0.15 0.00	20.96 -0.06 0.00	19.96 -0.08 0.00	19.03 -0.08 0.00
BLUESTONE___WT_PWR 323821	20.41 1.10 0.00	18.40 0.94 0.00	16.52 0.68 -0.74	15.95 0.73 -0.82	16.13 0.71 -0.55	15.70 0.71 -0.85	16.41 0.85 -0.30	16.69 0.79 -0.48	16.73 0.75 -0.39	16.71 0.67 -0.36	17.82 0.80 0.00	18.23 0.83 0.00	19.77 1.14 0.00	20.80 1.20 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.30 1.88 0.00	29.85 2.21 0.00	30.68 2.14 0.00	29.76 2.18 0.00	26.16 2.09 0.00	22.72 1.70 0.00	21.30 1.26 0.00	20.25 1.15 0.00
BLUE_CIRC_CHEM_DRP 24182	19.95 0.64 0.00	18.08 0.63 0.00	18.68 0.53 -3.06	18.29 0.52 -3.38	17.68 0.55 -2.27	18.17 0.51 -3.52	17.08 0.58 -1.26	17.98 0.57 -1.99	17.71 0.50 -1.63	17.67 0.50 -1.48	17.57 0.54 0.00	17.95 0.56 0.00	19.16 0.52 0.00	20.22 0.61 0.00	20.38 0.71 0.00	21.78 0.78 0.00	26.32 0.94 0.04	28.67 1.02 0.00	29.71 1.17 0.00	28.74 1.16 0.00	25.03 0.96 0.00	21.84 0.82 0.00	20.78 0.74 0.00	19.79 0.69 0.00
BOC_GAS_DRP 24189	19.83 0.52 0.00	17.98 0.52 0.00	18.64 0.44 -3.10	18.25 0.43 -3.43	17.61 0.45 -2.30	18.14 0.42 -3.57	17.00 0.47 -1.28	17.91 0.48 -2.02	17.69 0.45 -1.65	17.62 0.44 -1.51	17.48 0.46 0.00	17.85 0.45 0.00	19.05 0.41 0.00	20.10 0.49 0.00	20.20 0.53 0.00	21.61 0.61 0.00	26.11 0.74 0.04	28.44 0.80 0.00	29.46 0.91 0.00	28.46 0.88 0.00	24.79 0.72 0.00	21.67 0.65 0.00	20.64 0.60 0.00	19.66 0.55 0.00
BOONVILLE_115KV_TB1 79983	19.54 0.23 0.00	17.65 0.19 0.00	15.29 0.11 -0.08	14.61 0.13 -0.09	15.04 0.12 -0.06	14.38 0.14 -0.10	15.50 0.21 -0.03	15.66 0.19 -0.05	15.82 0.19 -0.04	15.88 0.16 -0.04	17.19 0.17 0.00	17.55 0.16 0.00	18.88 0.24 0.00	19.76 0.16 0.00	19.88 0.22 0.00	21.44 0.44 0.00	25.95 0.53 0.00	28.33 0.69 0.00	29.14 0.60 0.00	28.21 0.63 0.00	24.72 0.65 0.00	21.50 0.48 0.00	20.26 0.22 0.00	19.29 0.19 0.00
BORALEX_4TH_BRANCH 23824	20.32 1.00 0.00	18.40 0.94 0.00	19.00 0.80 -3.10	18.57 0.75 -3.43	17.96 0.79 -2.30	18.45 0.73 -3.57	17.39 0.87 -1.28	18.27 0.83 -2.02	18.06 0.83 -1.65	17.99 0.80 -1.51	17.81 0.78 0.00	18.18 0.78 0.00	19.42 0.78 0.00	20.53 0.92 0.00	20.65 0.98 0.00	22.05 1.05 0.00	26.49 1.22 0.15	29.11 1.46 0.00	30.23 1.68 0.00	29.20 1.63 0.00	25.44 1.37 0.00	22.32 1.30 0.00	21.26 1.22 0.00	20.21 1.11 0.00
BOWLINE___1 23526	20.28 0.97 0.00	18.36 0.91 0.00	18.20 0.77 -2.33	17.66 0.69 -2.58	17.28 0.68 -1.73	17.51 0.68 -2.69	16.99 0.78 -0.96	17.78 0.85 -1.52	17.70 0.87 -1.24	17.71 0.89 -1.13	17.97 0.95 0.00	18.33 0.94 0.00	19.57 0.93 0.00	20.69 1.08 0.00	20.73 1.06 0.00	22.30 1.30 0.00	27.13 1.65 -0.06	29.41 1.77 0.00	30.43 1.88 0.00	29.37 1.79 0.00	25.47 1.40 0.00	22.39 1.37 0.00	21.26 1.22 0.00	20.15 1.05 0.00
BOWLINE___2 23595	20.28 0.97 0.00	18.36 0.91 0.00	18.20 0.77 -2.33	17.66 0.69 -2.58	17.28 0.68 -1.73	17.51 0.68 -2.69	16.99 0.78 -0.96	17.78 0.85 -1.52	17.70 0.87 -1.24	17.71 0.89 -1.13	17.97 0.95 0.00	18.33 0.94 0.00	19.57 0.93 0.00	20.69 1.08 0.00	20.73 1.06 0.00	22.30 1.30 0.00	27.13 1.65 -0.06	29.41 1.77 0.00	30.43 1.88 0.00	29.37 1.79 0.00	25.47 1.40 0.00	22.39 1.37 0.00	21.26 1.22 0.00	20.15 1.05 0.00
BRADY___115KV_TB2 356060	19.18 -0.14 0.00	17.37 -0.09 0.00	14.99 -0.11 0.00	14.26 -0.13 0.00	14.74 -0.12 0.00	14.02 -0.13 0.00	15.14 -0.11 0.00	15.31 -0.11 0.00	15.54 -0.05 0.00	15.68 0.00 0.00	17.00 -0.02 0.00	17.34 -0.05 0.00	18.62 -0.02 0.00	19.41 -0.20 0.00	19.49 -0.18 0.00	20.73 -0.27 0.00	25.11 -0.31 0.00	27.37 -0.28 0.00	28.14 -0.40 0.00	27.16 -0.41 0.00	23.71 -0.36 0.00	20.68 -0.34 0.00	19.68 -0.36 0.00	18.91 -0.19 0.00
BRANSCOMB___SOLAR 323811	20.35 1.04 0.00	18.40 0.94 0.00	19.16 0.85 -3.21	18.75 0.81 -3.55	18.10 0.85 -2.39	18.64 0.79 -3.70	17.45 0.88 -1.32	18.34 0.83 -2.09	18.09 0.79 -1.71	18.05 0.81 -1.56	17.86 0.83 0.00	18.25 0.85 0.00	19.50 0.86 0.00	20.57 0.96 0.00	20.81 1.14 0.00	22.28 1.28 0.00	26.94 1.60 0.08	29.47 1.82 0.00	30.71 2.17 0.00	29.76 2.18 0.00	25.90 1.83 0.00	22.55 1.53 0.00	21.40 1.36 0.00	20.34 1.24 0.00
BRENTWOOD_69_KV_W. BRTWOOD 56703	22.30 1.89 -1.09	19.22 1.75 -0.02	19.04 1.49 -2.45	18.33 1.25 -2.69	17.90 1.23 -1.80	18.19 1.24 -2.80	17.70 1.45 -1.00	19.28 1.53 -2.33	20.48 1.59 -3.30	21.42 1.60 -4.14	20.80 1.65 -2.13	21.95 1.67 -2.89	23.53 1.71 -3.18	25.86 1.94 -4.31	30.24 2.05 -8.53	28.10 2.25 -4.85	29.96 2.92 -1.61	39.19 3.21 -8.34	34.59 3.31 -2.73	32.17 3.12 -1.47	32.25 2.48 -5.70	28.49 2.25 -5.22	25.48 2.24 -3.20	23.69 2.04 -2.55
BRISTLHL_115KV_TB1 79998	19.16 -0.15 0.00	17.30 -0.16 0.00	15.16 -0.12 -0.18	14.49 -0.10 -0.20	14.90 -0.10 -0.14	14.27 -0.08 -0.21	15.23 -0.09 -0.08	15.46 -0.08 -0.12	15.56 -0.12 -0.10	15.63 -0.14 -0.09	16.89 -0.14 0.00	17.29 -0.10 0.00	18.58 -0.06 0.00	19.57 -0.04 0.00	19.59 -0.08 0.00	21.00 0.00 0.00	25.39 -0.03 0.00	27.61 -0.03 0.00	28.51 -0.03 0.00	27.58 0.00 0.00	24.17 0.10 0.00	21.02 0.00 0.00	20.02 -0.02 0.00	19.08 -0.02 0.00
BROOKHAVEN___DRP 24191	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.24 1.30 -2.80	17.77 1.52 -1.00	19.36 1.60 -2.33	20.52 1.64 -3.30	21.45 1.63 -4.14	20.82 1.67 -2.13	21.97 1.69 -2.89	23.59 1.77 -3.18	25.90 1.98 -4.31	30.31 2.10 -8.53	30.20 2.39 -6.81	33.50 3.08 -5.00	39.34 3.34 -8.35	34.80 3.48 -2.78	33.65 3.34 -2.74	32.52 2.65 -5.80	31.69 2.42 -8.25	25.60 2.36 -3.20	23.83 2.18 -2.55
BROOKLYN_NAVY_YARD 23515	20.43 1.12 0.00	18.49 1.03 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.68 0.73 -2.80	17.12 0.87 -1.00	18.00 1.00 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.15 1.12 0.00	18.52 1.13 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.58 1.58 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.66 1.59 0.00	22.60 1.58 0.00	21.50 1.46 0.00	20.34 1.24 0.00

BROOKLYN___ARMY_DRP 323595	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
BROOKVLE_69_KV_TB1 55790	21.91 1.51 -1.09	18.87 1.40 -0.02	18.72 1.18 -2.45	18.10 1.02 -2.69	17.68 1.01 -1.80	17.95 1.00 -2.80	17.39 1.14 -1.00	18.97 1.22 -2.33	20.20 1.31 -3.30	21.17 1.35 -4.14	20.60 1.45 -2.13	21.75 1.46 -2.89	23.31 1.49 -3.18	25.59 1.67 -4.31	29.90 1.71 -8.52	27.29 1.95 -4.33	28.55 2.41 -0.71	38.55 2.57 -8.34	33.95 2.68 -2.72	31.28 2.56 -1.14	31.87 2.12 -5.68	27.37 1.93 -4.41	25.02 1.78 -3.20	23.27 1.62 -2.55
BROOME_2_LFGE 323671	19.51 0.19 0.00	17.61 0.16 0.00	15.91 0.09 -0.72	15.30 0.11 -0.79	15.51 0.12 -0.53	15.11 0.14 -0.82	15.76 0.21 -0.29	16.01 0.12 -0.47	16.06 0.09 -0.38	16.09 0.06 -0.35	17.19 0.17 0.00	17.60 0.21 0.00	18.94 0.30 0.00	19.92 0.31 0.00	20.02 0.35 0.00	21.53 0.53 0.00	26.00 0.59 0.00	28.22 0.58 0.00	29.11 0.57 0.00	28.16 0.58 0.00	24.72 0.65 0.00	21.50 0.48 0.00	20.38 0.34 0.00	19.41 0.30 0.00
BROOME___LFGE 323600	19.51 0.19 0.00	17.61 0.16 0.00	15.91 0.09 -0.72	15.30 0.11 -0.79	15.51 0.12 -0.53	15.11 0.14 -0.82	15.76 0.21 -0.29	16.01 0.12 -0.47	16.06 0.09 -0.38	16.09 0.06 -0.35	17.19 0.17 0.00	17.60 0.21 0.00	18.94 0.30 0.00	19.92 0.31 0.00	20.02 0.35 0.00	21.53 0.53 0.00	26.00 0.59 0.00	28.22 0.58 0.00	29.11 0.57 0.00	28.16 0.58 0.00	24.72 0.65 0.00	21.50 0.48 0.00	20.38 0.34 0.00	19.41 0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.09 -0.18 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.83 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.21 0.00	19.18 -0.43 0.00	19.27 -0.39 0.00	20.71 -0.29 0.00	25.11 -0.31 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.79 -0.23 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
BROWNSV1_27_KV_LOAD 356125	20.61 1.29 0.00	18.64 1.19 0.00	18.53 1.00 -2.43	17.97 0.89 -2.69	17.54 0.88 -1.80	17.79 0.85 -2.80	17.19 0.95 -1.00	18.03 1.03 -1.58	18.03 1.15 -1.29	18.08 1.22 -1.18	18.32 1.29 0.00	18.70 1.30 0.00	19.94 1.30 0.00	21.08 1.47 0.00	21.18 1.51 0.00	22.81 1.81 0.00	27.84 2.36 -0.06	30.10 2.46 0.00	31.08 2.54 0.00	30.00 2.43 0.00	25.92 1.85 0.00	22.76 1.74 0.00	21.62 1.58 0.00	20.52 1.41 0.00
BURROWS___LYONSDAL 23803	19.47 0.15 0.00	17.58 0.12 0.00	15.23 0.05 -0.09	14.56 0.07 -0.09	14.99 0.06 -0.06	14.31 0.07 -0.10	15.44 0.15 -0.04	15.60 0.12 -0.06	15.76 0.12 -0.05	15.82 0.09 -0.04	17.11 0.09 0.00	17.46 0.07 0.00	18.79 0.15 0.00	19.63 0.02 0.00	19.77 0.10 0.00	21.34 0.34 0.00	25.83 0.41 0.00	28.22 0.58 0.00	29.03 0.49 0.00	28.10 0.52 0.00	24.62 0.55 0.00	21.42 0.40 0.00	20.14 0.10 0.00	19.18 0.08 0.00
CAITHNESS_CC_1 323624	22.30 1.89 -1.09	19.26 1.78 -0.02	19.07 1.52 -2.45	18.33 1.25 -2.69	17.92 1.25 -1.80	18.20 1.26 -2.80	17.76 1.51 -1.00	19.37 1.62 -2.33	20.48 1.59 -3.30	21.40 1.58 -4.14	20.77 1.62 -2.13	21.92 1.63 -2.89	23.51 1.70 -3.18	25.85 1.92 -4.31	30.17 1.97 -8.53	30.08 2.29 -6.79	33.32 2.92 -4.98	39.20 3.21 -8.35	34.66 3.34 -2.78	33.48 3.17 -2.73	32.40 2.53 -5.80	31.60 2.35 -8.23	25.56 2.32 -3.20	23.73 2.08 -2.55
CALPINE BETH_PAGE_GT4 24209	22.05 1.64 -1.09	19.01 1.54 -0.02	18.85 1.30 -2.45	18.17 1.09 -2.69	17.75 1.09 -1.80	18.03 1.09 -2.80	17.51 1.27 -1.00	19.08 1.33 -2.33	20.29 1.40 -3.30	21.26 1.44 -4.14	20.65 1.50 -2.13	21.80 1.51 -2.89	23.36 1.55 -3.18	25.67 1.75 -4.31	29.90 1.71 -8.52	27.32 1.95 -4.37	28.71 2.52 -0.77	38.66 2.68 -8.34	34.06 2.80 -2.72	31.41 2.68 -1.16	31.87 2.12 -5.68	27.46 1.98 -4.46	25.16 1.92 -3.20	23.41 1.76 -2.55
CALPINE BETH_PAGE_GT_4 323586	22.04 1.64 -1.09	19.01 1.54 -0.02	18.85 1.30 -2.45	18.17 1.09 -2.69	17.75 1.08 -1.80	18.03 1.09 -2.80	17.54 1.30 -1.00	19.14 1.39 -2.33	20.31 1.42 -3.30	21.26 1.44 -4.14	20.65 1.50 -2.13	21.80 1.51 -2.89	23.36 1.55 -3.18	25.67 1.74 -4.31	29.86 1.67 -8.52	27.32 1.95 -4.37	28.71 2.52 -0.77	38.66 2.68 -8.34	34.06 2.80 -2.72	31.41 2.67 -1.16	31.84 2.09 -5.68	27.50 2.02 -4.46	25.22 1.98 -3.20	23.41 1.76 -2.55
CALPINE_BP_GT1 23823	22.04 1.64 -1.09	19.01 1.54 -0.02	18.85 1.30 -2.45	18.17 1.09 -2.69	17.75 1.08 -1.80	18.03 1.09 -2.80	17.54 1.30 -1.00	19.14 1.39 -2.33	20.31 1.42 -3.30	21.26 1.44 -4.14	20.65 1.50 -2.13	21.80 1.51 -2.89	23.36 1.55 -3.18	25.67 1.74 -4.31	29.86 1.67 -8.52	27.32 1.95 -4.37	28.71 2.52 -0.77	38.66 2.68 -8.34	34.06 2.80 -2.72	31.41 2.67 -1.16	31.84 2.09 -5.68	27.50 2.02 -4.46	25.22 1.98 -3.20	23.41 1.76 -2.55
CALSPAN___DRP 24200	19.16 -0.15 0.00	17.16 -0.30 0.00	15.12 -0.36 -0.38	14.55 -0.26 -0.42	14.86 -0.28 -0.28	14.34 -0.24 -0.44	15.13 -0.27 -0.16	15.34 -0.32 -0.25	15.21 -0.58 -0.20	15.19 -0.67 -0.18	16.68 -0.34 0.00	17.17 -0.23 0.00	18.60 -0.04 0.00	19.45 -0.16 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.22 -0.20 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	27.16 -0.41 0.00	23.97 -0.10 0.00	20.83 -0.19 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
CALVERTON___SOLAR 323806	22.45 2.05 -1.09	19.39 1.92 -0.02	19.19 1.65 -2.45	18.45 1.37 -2.69	18.02 1.35 -1.80	18.31 1.37 -2.80	17.88 1.63 -1.00	19.49 1.74 -2.33	20.59 1.70 -3.30	21.52 1.69 -4.14	20.89 1.74 -2.13	22.06 1.78 -2.89	23.66 1.85 -3.18	26.00 2.08 -4.31	30.37 2.16 -8.53	30.33 2.52 -6.81	33.66 3.23 -5.02	39.53 3.54 -8.35	35.03 3.71 -2.78	33.85 3.53 -2.74	32.68 2.81 -5.80	31.88 2.61 -8.26	25.78 2.55 -3.20	23.92 2.27 -2.55
CANDIGU_WT_PWR 323617	19.29 -0.02 0.00	17.35 -0.10 0.00	15.40 -0.20 -0.50	14.80 -0.14 -0.55	15.10 -0.13 -0.37	14.63 -0.08 -0.57	15.50 0.05 -0.20	15.57 -0.17 -0.32	15.60 -0.25 -0.26	15.62 -0.30 -0.24	16.97 -0.05 0.00	17.43 0.03 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.92 0.26 0.00	21.46 0.46 0.00	25.80 0.38 0.00	27.89 0.25 0.00	28.72 0.17 0.00	27.83 0.25 0.00	24.55 0.48 0.00	21.23 0.21 0.00	20.10 0.06 0.00	19.16 0.06 0.00
CARR STREET_E_SYR 24060	19.22 -0.10 0.00	17.35 -0.10 0.00	15.23 -0.08 -0.21	14.57 -0.06 -0.23	14.96 -0.06 -0.16	14.34 -0.04 -0.24	15.29 -0.05 -0.09	15.49 -0.06 -0.14	15.61 -0.09 -0.11	15.67 -0.11 -0.10	16.92 -0.10 0.00	17.33 -0.07 0.00	18.64 0.00 0.00	19.61 0.00 0.00	19.67 0.00 0.00	21.09 0.08 0.00	25.50 0.08 0.00	27.67 0.03 0.00	28.57 0.03 0.00	27.63 0.06 0.00	24.24 0.17 0.00	21.08 0.06 0.00	20.04 0.00 0.00	19.12 0.02 0.00

CARTHAGE___PAPER 23857	19.14 -0.17 0.00	17.28 -0.17 0.00	14.98 -0.23 -0.11	14.33 -0.19 -0.12	14.75 -0.19 -0.08	14.10 -0.17 -0.13	15.22 -0.08 -0.05	15.37 -0.12 -0.07	15.52 -0.13 -0.06	15.56 -0.17 -0.05	16.82 -0.20 0.00	17.15 -0.24 0.00	18.45 -0.19 0.00	19.22 -0.39 0.00	19.35 -0.32 0.00	20.92 -0.08 0.00	25.42 0.00 0.00	27.86 0.22 0.00	28.66 0.11 0.00	27.74 0.17 0.00	24.34 0.27 0.00	21.13 0.11 0.00	19.80 -0.24 0.00	18.87 -0.23 0.00
CASSADAGA_WT_PWR 323784	19.47 0.15 0.00	17.30 -0.16 0.00	15.09 -0.41 -0.40	14.50 -0.33 -0.44	14.79 -0.37 -0.30	14.28 -0.32 -0.46	15.35 -0.06 -0.16	15.31 -0.37 -0.26	15.37 -0.44 -0.21	15.45 -0.42 -0.19	17.16 0.14 0.00	17.62 0.23 0.00	19.03 0.39 0.00	19.88 0.27 0.00	20.10 0.43 0.00	21.67 0.67 0.00	25.90 0.48 0.00	27.84 0.19 0.00	28.51 -0.03 0.00	27.69 0.11 0.00	24.53 0.46 0.00	21.13 0.11 0.00	20.06 0.02 0.00	19.14 0.04 0.00
CE_DUNWOOD___DRP 24194	20.37 1.06 0.00	18.47 1.01 0.00	18.37 0.85 -2.42	17.83 0.76 -2.68	17.42 0.76 -1.80	17.67 0.74 -2.79	17.07 0.82 -1.00	17.86 0.86 -1.57	17.84 0.97 -1.29	17.84 0.99 -1.18	18.08 1.06 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.80 1.20 0.00	20.91 1.24 0.00	22.45 1.45 0.00	27.33 1.86 -0.06	29.61 1.96 0.00	30.60 2.06 0.00	29.54 1.96 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.34 1.30 0.00	20.27 1.17 0.00
CE_MILLWOOD___DRP 24193	20.34 1.02 0.00	18.43 0.98 0.00	18.32 0.82 -2.41	17.79 0.73 -2.66	17.40 0.74 -1.79	17.64 0.72 -2.78	17.03 0.79 -0.99	17.82 0.83 -1.57	17.79 0.92 -1.28	17.81 0.96 -1.17	18.04 1.02 0.00	18.42 1.03 0.00	19.64 1.01 0.00	20.76 1.16 0.00	20.85 1.18 0.00	22.39 1.39 0.00	27.26 1.78 -0.06	29.52 1.88 0.00	30.54 2.00 0.00	29.48 1.90 0.00	25.59 1.52 0.00	22.43 1.41 0.00	21.30 1.26 0.00	20.23 1.13 0.00
CE_NYC2_DRP 24202	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.43 0.76 -1.80	17.68 0.74 -2.80	17.06 0.81 -1.00	17.89 0.89 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.46 1.42 0.00	20.40 1.30 0.00
CE_NYC_DRP 24195	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.90 0.82 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.64 1.64 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.38 1.28 0.00
CHAFFEE___LFGE 323603	19.20 -0.12 0.00	17.21 -0.24 0.00	15.13 -0.36 -0.39	14.55 -0.27 -0.43	14.86 -0.30 -0.29	14.34 -0.25 -0.45	15.33 -0.08 -0.16	15.26 -0.42 -0.26	15.22 -0.58 -0.21	15.21 -0.66 -0.19	16.75 -0.27 0.00	17.22 -0.17 0.00	18.66 0.02 0.00	19.53 -0.08 0.00	19.75 0.08 0.00	21.27 0.27 0.00	25.39 -0.03 0.00	27.31 -0.33 0.00	28.03 -0.51 0.00	27.27 -0.30 0.00	24.17 0.10 0.00	20.89 -0.13 0.00	19.88 -0.16 0.00	19.03 -0.08 0.00
CHATEAUG_35_KV_LOAD 355732	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.82 -0.33 0.00	14.90 -0.35 0.00	15.10 -0.32 0.00	15.35 -0.23 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.27 -0.39 0.00	20.46 -0.55 0.00	24.86 -0.56 0.00	26.98 -0.66 0.00	27.69 -0.86 0.00	26.56 -1.02 0.00	23.06 -1.01 0.00	20.07 -0.95 0.00	19.16 -0.88 0.00	18.32 -0.78 0.00
CHATEAUG_WT_PWR 323614	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.80 -0.34 0.00	14.88 -0.37 0.00	15.09 -0.32 0.00	15.34 -0.25 0.00	15.49 -0.19 0.00	16.84 -0.19 0.00	17.17 -0.23 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.25 -0.41 0.00	20.46 -0.55 0.00	24.81 -0.61 0.00	26.95 -0.69 0.00	27.63 -0.91 0.00	26.47 -1.10 0.00	22.96 -1.11 0.00	19.95 -1.07 0.00	19.08 -0.96 0.00	18.24 -0.86 0.00
CHAT_HIGH_FALL_HYD 323578	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.82 -0.32 0.00	14.88 -0.37 0.00	15.09 -0.32 0.00	15.35 -0.23 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.27 -0.39 0.00	20.46 -0.55 0.00	24.84 -0.58 0.00	26.98 -0.66 0.00	27.69 -0.86 0.00	26.56 -1.02 0.00	23.06 -1.01 0.00	20.03 -0.99 0.00	19.16 -0.88 0.00	18.32 -0.78 0.00
CHAUTAUQUA___LFGE 323629	19.33 0.02 0.00	17.28 -0.17 0.00	15.17 -0.32 -0.39	14.60 -0.23 -0.43	14.90 -0.25 -0.29	14.38 -0.21 -0.45	15.38 -0.03 -0.16	15.37 -0.31 -0.26	15.38 -0.42 -0.21	15.42 -0.46 -0.19	16.99 -0.03 0.00	17.48 0.09 0.00	18.90 0.26 0.00	19.76 0.16 0.00	19.98 0.31 0.00	21.53 0.53 0.00	25.73 0.31 0.00	27.64 0.00 0.00	28.34 -0.20 0.00	27.55 -0.03 0.00	24.38 0.31 0.00	21.06 0.04 0.00	20.02 -0.02 0.00	19.12 0.02 0.00
CHERRYST_13_KV_LD 356241	20.53 1.22 0.00	18.59 1.13 0.00	18.46 0.94 -2.43	17.93 0.85 -2.69	17.50 0.83 -1.80	17.75 0.81 -2.80	17.15 0.90 -1.00	17.97 0.97 -1.58	17.97 1.09 -1.29	18.02 1.16 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.87 1.23 0.00	21.00 1.39 0.00	21.10 1.44 0.00	22.70 1.70 0.00	27.72 2.24 -0.06	29.96 2.32 0.00	30.91 2.37 0.00	29.84 2.26 0.00	25.83 1.76 0.00	22.68 1.66 0.00	21.52 1.48 0.00	20.44 1.34 0.00
CHESTROR_138KV_BK263 355645	20.16 0.85 0.00	18.26 0.80 0.00	17.97 0.66 -2.21	17.43 0.60 -2.44	17.11 0.61 -1.64	17.28 0.59 -2.54	16.81 0.66 -0.91	17.53 0.68 -1.43	17.49 0.73 -1.17	17.50 0.75 -1.07	17.82 0.80 0.00	18.18 0.78 0.00	19.40 0.76 0.00	20.49 0.88 0.00	20.59 0.92 0.00	22.12 1.11 0.00	26.89 1.42 -0.05	29.16 1.52 0.00	30.17 1.63 0.00	29.12 1.54 0.00	25.32 1.25 0.00	22.18 1.16 0.00	21.06 1.02 0.00	20.02 0.92 0.00
CH_MIDHUDSON___DRP 24192	20.35 1.04 0.00	18.42 0.96 0.00	18.40 0.82 -2.49	17.87 0.73 -2.75	17.45 0.74 -1.85	17.73 0.72 -2.86	17.05 0.78 -1.02	17.85 0.82 -1.62	17.77 0.86 -1.32	17.76 0.88 -1.21	17.94 0.92 0.00	18.30 0.90 0.00	19.53 0.89 0.00	20.63 1.02 0.00	20.71 1.04 0.00	22.24 1.24 0.00	27.04 1.58 -0.04	29.33 1.69 0.00	30.40 1.86 0.00	29.34 1.76 0.00	25.49 1.42 0.00	22.34 1.32 0.00	21.24 1.20 0.00	20.19 1.09 0.00
CH_MISC_IPPS 23765	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.72 0.78 -2.80	17.12 0.87 -1.00	17.91 0.91 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.75 1.08 0.00	22.33 1.32 0.00	27.17 1.70 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.29 1.18 0.00

CH_RES_BVR_FALLS 23983	19.10 -0.21 0.00	17.28 -0.17 0.00	14.93 -0.17 0.00	14.22 -0.17 0.00	14.69 -0.18 0.00	13.97 -0.17 0.00	15.05 -0.20 0.00	15.24 -0.18 0.00	15.43 -0.16 0.00	15.54 -0.14 0.00	16.85 -0.17 0.00	17.22 -0.17 0.00	18.45 -0.19 0.00	19.35 -0.26 0.00	19.41 -0.26 0.00	20.67 -0.34 0.00	24.99 -0.43 0.00	27.17 -0.47 0.00	28.03 -0.51 0.00	27.03 -0.55 0.00	23.54 -0.53 0.00	20.52 -0.50 0.00	19.56 -0.48 0.00	18.66 -0.44 0.00
CH_RES_NIAGARA 23895	18.73 -0.58 0.00	16.62 -0.84 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.23 -0.31 -0.40	14.92 -0.47 -0.14	15.00 -0.65 -0.23	14.84 -0.93 -0.19	14.81 -1.04 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	18.92 -0.75 0.00	20.37 -0.63 0.00	24.28 -1.14 0.00	26.10 -1.55 0.00	26.75 -1.80 0.00	26.09 -1.49 0.00	23.13 -0.94 0.00	20.05 -0.97 0.00	19.12 -0.92 0.00	18.34 -0.76 0.00
CH_RES_SYRACUSE 23985	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.60 0.03 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.81 0.14 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.25 0.23 0.00	20.18 0.14 0.00	19.25 0.15 0.00
CLINTON_WT_PWR 323605	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.80 -0.34 0.00	14.88 -0.37 0.00	15.09 -0.32 0.00	15.34 -0.25 0.00	15.49 -0.19 0.00	16.84 -0.19 0.00	17.17 -0.23 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.25 -0.41 0.00	20.46 -0.55 0.00	24.81 -0.61 0.00	26.95 -0.69 0.00	27.63 -0.91 0.00	26.47 -1.10 0.00	22.96 -1.11 0.00	19.95 -1.07 0.00	19.08 -0.96 0.00	18.24 -0.86 0.00
CLINTON___LFGE 323618	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.18 -0.22 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.97 -0.27 0.00	15.19 -0.23 0.00	15.48 -0.11 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.43 -0.24 0.00	20.64 -0.36 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	27.94 -0.60 0.00	26.81 -0.77 0.00	23.25 -0.82 0.00	20.18 -0.84 0.00	19.28 -0.76 0.00	18.43 -0.67 0.00
COBBLENY_34_KV_TB1 80064	19.20 -0.12 0.00	17.19 -0.26 0.00	15.13 -0.36 -0.39	14.55 -0.27 -0.43	14.86 -0.30 -0.29	14.34 -0.25 -0.45	15.14 -0.27 -0.16	15.34 -0.34 -0.26	15.22 -0.58 -0.21	15.21 -0.66 -0.19	16.75 -0.27 0.00	17.22 -0.17 0.00	18.66 0.02 0.00	19.53 -0.08 0.00	19.83 0.16 0.00	21.28 0.27 0.00	25.32 -0.10 0.00	27.31 -0.33 0.00	28.03 -0.51 0.00	27.25 -0.33 0.00	24.05 -0.02 0.00	20.89 -0.13 0.00	19.82 -0.22 0.00	19.03 -0.08 0.00
COFFEEN___115KV_TB3 355620	19.33 0.02 0.00	17.44 -0.02 0.00	15.13 -0.09 -0.13	14.49 -0.04 -0.14	14.90 -0.06 -0.09	14.24 -0.04 -0.14	15.39 0.09 -0.05	15.53 0.03 -0.08	15.65 0.00 -0.07	15.68 -0.06 -0.06	16.92 -0.10 0.00	17.27 -0.12 0.00	18.64 0.00 0.00	19.47 -0.14 0.00	19.61 -0.06 0.00	21.28 0.27 0.00	25.80 0.38 0.00	28.33 0.69 0.00	29.11 0.57 0.00	28.21 0.63 0.00	24.79 0.72 0.00	21.50 0.48 0.00	20.12 0.08 0.00	19.14 0.04 0.00
COLDSPRG_115KV_BK1 355956	19.64 0.33 0.00	17.54 0.09 0.00	15.24 -0.27 -0.41	14.63 -0.22 -0.46	14.93 -0.24 -0.31	14.42 -0.20 -0.48	15.25 -0.17 -0.17	15.50 -0.19 -0.27	15.50 -0.31 -0.22	15.52 -0.36 -0.20	17.35 0.32 0.00	17.81 0.42 0.00	19.23 0.60 0.00	20.12 0.51 0.00	20.44 0.77 0.00	21.95 0.95 0.00	26.16 0.74 0.00	28.20 0.55 0.00	28.94 0.40 0.00	28.07 0.50 0.00	24.74 0.67 0.00	21.44 0.42 0.00	20.28 0.24 0.00	19.43 0.32 0.00
COLONIE_LFGE___ 323577	20.10 0.79 0.00	18.21 0.75 0.00	18.91 0.65 -3.17	18.51 0.62 -3.50	17.85 0.64 -2.35	18.40 0.61 -3.65	17.24 0.69 -1.30	18.14 0.66 -2.06	17.93 0.65 -1.68	17.86 0.64 -1.54	17.69 0.66 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.51 0.85 0.00	21.95 0.95 0.00	26.47 1.14 0.09	28.94 1.30 0.00	30.05 1.51 0.00	29.07 1.49 0.00	25.30 1.23 0.00	22.13 1.11 0.00	21.04 1.00 0.00	20.02 0.92 0.00
COOPERNY_115KV_TB1 80082	19.95 0.64 0.00	18.05 0.59 0.00	17.24 0.50 -1.65	16.67 0.46 -1.82	16.55 0.46 -1.22	16.49 0.45 -1.90	16.41 0.49 -0.68	17.00 0.51 -1.07	17.03 0.56 -0.88	17.04 0.56 -0.80	17.62 0.60 0.00	17.99 0.59 0.00	19.23 0.60 0.00	20.29 0.69 0.00	20.38 0.71 0.00	21.86 0.86 0.00	26.52 1.07 -0.03	28.80 1.16 0.00	29.77 1.23 0.00	28.74 1.16 0.00	25.03 0.96 0.00	21.90 0.88 0.00	20.80 0.76 0.00	19.79 0.69 0.00
COPENHAGEN_WT_PWR 323753	19.20 -0.12 0.00	17.32 -0.14 0.00	15.05 -0.18 -0.13	14.40 -0.13 -0.14	14.81 -0.15 -0.10	14.16 -0.13 -0.15	15.27 -0.03 -0.05	15.43 -0.08 -0.08	15.56 -0.09 -0.07	15.60 -0.14 -0.06	16.84 -0.19 0.00	17.20 -0.19 0.00	18.53 -0.11 0.00	19.35 -0.26 0.00	19.49 -0.18 0.00	21.04 0.04 0.00	25.57 0.15 0.00	28.00 0.36 0.00	28.80 0.26 0.00	27.91 0.33 0.00	24.50 0.43 0.00	21.27 0.25 0.00	19.94 -0.10 0.00	19.01 -0.10 0.00
CORNELL____ 23752	19.70 0.39 0.00	17.79 0.33 0.00	15.85 0.26 -0.50	15.22 0.27 -0.55	15.53 0.30 -0.37	15.01 0.30 -0.58	15.80 0.35 -0.21	16.08 0.34 -0.32	16.15 0.30 -0.27	16.17 0.25 -0.24	17.31 0.29 0.00	17.73 0.33 0.00	19.10 0.47 0.00	20.10 0.49 0.00	20.22 0.55 0.00	21.76 0.76 0.00	26.36 0.94 0.00	28.69 1.05 0.00	29.63 1.08 0.00	28.65 1.08 0.00	25.15 1.08 0.00	21.82 0.80 0.00	20.64 0.60 0.00	19.66 0.55 0.00
CORONAAV_69_KV_TB1 355595	21.95 1.54 -1.09	18.92 1.45 -0.02	18.77 1.22 -2.45	18.11 1.04 -2.69	17.69 1.03 -1.80	17.96 1.02 -2.80	17.44 1.19 -1.00	18.98 1.23 -2.33	20.21 1.33 -3.30	21.18 1.36 -4.14	20.56 1.41 -2.13	21.71 1.43 -2.89	23.25 1.44 -3.18	25.49 1.57 -4.31	29.81 1.61 -8.52	27.21 1.87 -4.33	28.55 2.41 -0.71	38.55 2.57 -8.34	33.95 2.68 -2.72	31.28 2.56 -1.14	31.77 2.02 -5.68	27.31 1.87 -4.41	24.96 1.72 -3.20	23.23 1.59 -2.55
CORTLAND_115KV_TB3 80093	19.56 0.25 0.00	17.67 0.21 0.00	15.66 0.15 -0.41	15.01 0.17 -0.45	15.34 0.18 -0.30	14.81 0.20 -0.47	15.64 0.23 -0.17	15.90 0.22 -0.27	15.98 0.17 -0.22	16.02 0.14 -0.20	17.23 0.20 0.00	17.62 0.23 0.00	18.97 0.34 0.00	19.96 0.35 0.00	20.06 0.39 0.00	21.55 0.55 0.00	26.05 0.64 0.00	28.36 0.72 0.00	29.26 0.71 0.00	28.29 0.72 0.00	24.82 0.75 0.00	21.57 0.55 0.00	20.44 0.40 0.00	19.46 0.36 0.00
COXSACKIE___GT 23611	20.55 1.24 0.00	18.59 1.13 0.00	18.86 0.85 -2.92	18.40 0.78 -3.23	17.88 0.85 -2.17	18.31 0.81 -3.36	17.39 0.95 -1.20	18.13 0.82 -1.90	17.83 0.69 -1.55	17.74 0.64 -1.42	17.75 0.73 0.00	18.09 0.70 0.00	19.33 0.69 0.00	20.41 0.80 0.00	20.67 1.00 0.00	22.20 1.20 0.00	27.14 1.75 0.03	29.61 1.96 0.00	30.83 2.28 0.00	29.87 2.29 0.00	25.92 1.85 0.00	22.66 1.64 0.00	21.46 1.42 0.00	20.38 1.28 0.00

CPV_VALLEY___CC1 323721	20.03 0.71 0.00	18.12 0.66 0.00	17.66 0.56 -2.01	17.11 0.50 -2.22	16.86 0.51 -1.49	16.95 0.49 -2.31	16.65 0.58 -0.82	17.34 0.62 -1.30	17.30 0.64 -1.07	17.30 0.64 -0.97	17.70 0.68 0.00	18.07 0.68 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.43 0.77 0.00	21.97 0.97 0.00	26.66 1.19 -0.04	28.94 1.30 0.00	29.94 1.40 0.00	28.90 1.32 0.00	25.13 1.06 0.00	22.05 1.03 0.00	20.94 0.90 0.00	19.89 0.78 0.00
CPV_VALLEY___CC2 323722	20.03 0.71 0.00	18.12 0.66 0.00	17.66 0.56 -2.01	17.11 0.50 -2.22	16.86 0.51 -1.49	16.95 0.49 -2.31	16.65 0.58 -0.82	17.34 0.62 -1.30	17.30 0.64 -1.07	17.30 0.64 -0.97	17.70 0.68 0.00	18.07 0.68 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.43 0.77 0.00	21.97 0.97 0.00	26.66 1.19 -0.04	28.94 1.30 0.00	29.94 1.40 0.00	28.90 1.32 0.00	25.13 1.06 0.00	22.05 1.03 0.00	20.94 0.90 0.00	19.89 0.78 0.00
CRESCENT___HYD 24018	20.10 0.79 0.00	18.21 0.75 0.00	18.91 0.65 -3.17	18.51 0.62 -3.50	17.85 0.64 -2.35	18.40 0.61 -3.65	17.24 0.69 -1.30	18.14 0.66 -2.06	17.93 0.65 -1.68	17.86 0.64 -1.54	17.69 0.66 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.51 0.85 0.00	21.95 0.95 0.00	26.47 1.14 0.09	28.94 1.30 0.00	30.05 1.51 0.00	29.07 1.49 0.00	25.30 1.23 0.00	22.13 1.11 0.00	21.04 1.00 0.00	20.02 0.92 0.00
CRICKET___VALLEY_CC1 323756	20.16 0.85 0.00	18.26 0.80 0.00	18.37 0.68 -2.59	17.87 0.62 -2.86	17.41 0.62 -1.92	17.73 0.61 -2.98	17.03 0.72 -1.07	17.84 0.74 -1.68	17.71 0.75 -1.38	17.69 0.75 -1.26	17.75 0.73 0.00	18.13 0.73 0.00	19.35 0.71 0.00	20.45 0.84 0.00	20.51 0.85 0.00	21.99 0.99 0.00	25.69 1.17 0.90	28.91 1.27 0.00	29.97 1.43 0.00	28.93 1.35 0.00	25.18 1.11 0.00	22.18 1.16 0.00	21.08 1.04 0.00	20.00 0.90 0.00
CRICKET___VALLEY_CC2 323757	20.16 0.85 0.00	18.26 0.80 0.00	18.37 0.68 -2.59	17.87 0.62 -2.86	17.41 0.62 -1.92	17.73 0.61 -2.98	17.03 0.72 -1.07	17.84 0.74 -1.68	17.71 0.75 -1.38	17.69 0.75 -1.26	17.75 0.73 0.00	18.13 0.73 0.00	19.35 0.71 0.00	20.45 0.84 0.00	20.51 0.85 0.00	21.99 0.99 0.00	25.69 1.17 0.90	28.91 1.27 0.00	29.97 1.43 0.00	28.93 1.35 0.00	25.18 1.11 0.00	22.18 1.16 0.00	21.08 1.04 0.00	20.00 0.90 0.00
CRICKET___VALLEY_CC3 323758	20.16 0.85 0.00	18.26 0.80 0.00	18.37 0.68 -2.59	17.87 0.62 -2.86	17.41 0.62 -1.92	17.73 0.61 -2.98	17.03 0.72 -1.07	17.84 0.74 -1.68	17.71 0.75 -1.38	17.69 0.75 -1.26	17.75 0.73 0.00	18.13 0.73 0.00	19.35 0.71 0.00	20.45 0.84 0.00	20.51 0.85 0.00	21.99 0.99 0.00	25.69 1.17 0.90	28.91 1.27 0.00	29.97 1.43 0.00	28.93 1.35 0.00	25.18 1.11 0.00	22.18 1.16 0.00	21.08 1.04 0.00	20.00 0.90 0.00
CRUCIBLE_METL_DRP 24180	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
DAHOWA___HYDRO 323763	20.41 1.10 0.00	18.45 0.99 0.00	19.23 0.91 -3.22	18.82 0.86 -3.56	18.15 0.89 -2.39	18.70 0.85 -3.71	17.53 0.96 -1.32	18.41 0.89 -2.09	18.17 0.87 -1.71	18.12 0.88 -1.56	17.92 0.90 0.00	18.33 0.94 0.00	19.59 0.95 0.00	20.67 1.06 0.00	20.93 1.26 0.00	22.41 1.41 0.00	27.12 1.78 0.08	29.66 2.02 0.00	30.94 2.40 0.00	29.98 2.40 0.00	26.09 2.02 0.00	22.70 1.68 0.00	21.52 1.48 0.00	20.44 1.34 0.00
DANC___LFGE 323619	19.10 -0.21 0.00	17.25 -0.21 0.00	15.04 -0.21 -0.15	14.38 -0.17 -0.17	14.78 -0.19 -0.11	14.16 -0.16 -0.17	15.20 -0.11 -0.06	15.38 -0.14 -0.10	15.51 -0.16 -0.08	15.55 -0.20 -0.07	16.80 -0.22 0.00	17.17 -0.23 0.00	18.47 -0.17 0.00	19.35 -0.26 0.00	19.45 -0.22 0.00	20.96 -0.04 0.00	25.42 0.00 0.00	27.75 0.11 0.00	28.60 0.06 0.00	27.69 0.11 0.00	24.31 0.24 0.00	21.10 0.08 0.00	19.88 -0.16 0.00	18.95 -0.15 0.00
DANSKAMMER___1 23586	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.72 0.78 -2.80	17.12 0.87 -1.00	17.91 0.91 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.75 1.08 0.00	22.33 1.32 0.00	27.17 1.70 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.29 1.18 0.00
DANSKAMMER___2 23589	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.72 0.78 -2.80	17.12 0.87 -1.00	17.91 0.91 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.75 1.08 0.00	22.33 1.32 0.00	27.17 1.70 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.29 1.18 0.00
DANSKAMMER___3 23590	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.72 0.78 -2.80	17.12 0.87 -1.00	17.91 0.91 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.75 1.08 0.00	22.33 1.32 0.00	27.17 1.70 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.29 1.18 0.00
DANSKAMMER___4 23591	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.72 0.78 -2.80	17.12 0.87 -1.00	17.91 0.91 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.75 1.08 0.00	22.33 1.32 0.00	27.17 1.70 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.29 1.18 0.00
DANSKAMMER___DIESEL 23592	20.45 1.14 0.00	18.50 1.05 0.00	18.41 0.88 -2.43	17.87 0.79 -2.69	17.47 0.80 -1.81	17.71 0.76 -2.80	17.09 0.84 -1.00	17.86 0.86 -1.58	17.79 0.90 -1.29	17.77 0.91 -1.18	18.01 0.99 0.00	18.35 0.96 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.19 1.73 -0.04	29.49 1.85 0.00	30.57 2.03 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.49 1.47 0.00	21.34 1.30 0.00	20.29 1.18 0.00
DARBY___SOLAR 323810	20.35 1.04 0.00	18.42 0.96 0.00	19.17 0.86 -3.21	18.76 0.82 -3.55	18.10 0.85 -2.39	18.65 0.81 -3.70	17.47 0.90 -1.32	18.37 0.86 -2.09	18.14 0.84 -1.71	18.09 0.85 -1.56	17.91 0.88 0.00	18.30 0.90 0.00	19.55 0.91 0.00	20.63 1.02 0.00	20.87 1.20 0.00	22.35 1.35 0.00	27.02 1.68 0.08	29.52 1.88 0.00	30.77 2.23 0.00	29.78 2.21 0.00	25.92 1.85 0.00	22.60 1.58 0.00	21.42 1.38 0.00	20.36 1.26 0.00

DASHVILLE___HYD 23610	20.26 0.95 0.00	18.33 0.87 0.00	18.23 0.62 -2.52	17.71 0.53 -2.78	17.27 0.54 -1.87	17.56 0.52 -2.90	16.83 0.55 -1.03	17.64 0.59 -1.64	17.57 0.64 -1.34	17.56 0.66 -1.22	17.79 0.77 0.00	18.13 0.73 0.00	19.31 0.67 0.00	20.39 0.78 0.00	20.45 0.79 0.00	21.97 0.97 0.00	27.07 1.63 -0.02	29.05 1.41 0.00	30.08 1.54 0.00	29.07 1.49 0.00	25.23 1.16 0.00	22.16 1.14 0.00	21.04 1.00 0.00	20.00 0.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.89 2.49 -1.09	19.78 2.30 -0.02	19.53 1.98 -2.45	18.75 1.67 -2.69	18.33 1.66 -1.80	18.60 1.65 -2.80	18.17 1.92 -1.00	19.79 2.04 -2.33	20.95 2.06 -3.30	21.89 2.07 -4.14	21.33 2.18 -2.13	22.51 2.23 -2.89	24.18 2.37 -3.18	26.57 2.65 -4.31	31.05 2.85 -8.53	31.00 3.17 -6.82	34.52 4.07 -5.03	40.44 4.45 -8.35	35.97 4.65 -2.78	34.74 4.41 -2.75	33.46 3.59 -5.80	32.49 3.20 -8.27	26.28 3.05 -3.20	24.46 2.81 -2.55
DELAWARE___LFGE 323621	19.97 0.66 0.00	18.05 0.59 0.00	16.46 0.48 -0.88	15.85 0.49 -0.97	16.01 0.49 -0.65	15.64 0.48 -1.01	16.11 0.50 -0.36	16.50 0.51 -0.57	16.57 0.51 -0.47	16.61 0.50 -0.43	17.58 0.56 0.00	17.97 0.57 0.00	19.29 0.65 0.00	20.31 0.71 0.00	20.45 0.79 0.00	21.93 0.92 0.00	26.54 1.12 0.00	28.89 1.24 0.00	29.80 1.26 0.00	28.82 1.24 0.00	25.18 1.11 0.00	21.97 0.95 0.00	20.80 0.76 0.00	19.79 0.69 0.00
DERFIELD_115KV_TB7 355931	19.37 0.06 0.00	17.49 0.03 0.00	15.13 0.03 0.00	14.42 0.03 0.00	14.89 0.03 0.00	14.17 0.03 0.00	15.28 0.03 0.00	15.45 0.03 0.00	15.62 0.03 0.00	15.71 0.03 0.00	17.06 0.03 0.00	17.43 0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.71 0.04 0.00	21.09 0.08 0.00	25.52 0.10 0.00	27.75 0.11 0.00	28.66 0.11 0.00	27.69 0.11 0.00	24.17 0.10 0.00	21.10 0.08 0.00	20.10 0.06 0.00	19.14 0.04 0.00
DOGLEVILLE___HYD 23807	19.52 0.21 0.00	17.63 0.17 0.00	15.22 0.12 0.00	14.52 0.13 0.00	14.98 0.12 0.00	14.26 0.11 0.00	15.39 0.14 0.00	15.54 0.12 0.00	15.73 0.14 0.00	15.79 0.11 0.00	17.14 0.12 0.00	17.52 0.12 0.00	18.79 0.15 0.00	19.76 0.16 0.00	19.82 0.16 0.00	21.21 0.21 0.00	25.67 0.25 0.00	27.98 0.33 0.00	28.83 0.29 0.00	27.83 0.25 0.00	24.29 0.22 0.00	21.21 0.19 0.00	20.14 0.10 0.00	19.18 0.08 0.00
DUNKIRK___115KV_TB_200 55889	19.31 0.00 0.00	17.26 -0.19 0.00	15.19 -0.30 -0.39	14.61 -0.22 -0.43	14.92 -0.24 -0.29	14.40 -0.20 -0.45	15.21 -0.20 -0.16	15.44 -0.23 -0.25	15.39 -0.41 -0.21	15.40 -0.47 -0.19	16.97 -0.05 0.00	17.45 0.05 0.00	18.86 0.22 0.00	19.75 0.14 0.00	20.04 0.37 0.00	21.51 0.50 0.00	25.62 0.20 0.00	27.61 -0.03 0.00	28.34 -0.20 0.00	27.52 -0.06 0.00	24.26 0.19 0.00	21.04 0.02 0.00	19.94 -0.10 0.00	19.12 0.02 0.00
DUNKIRK___1 23563	19.31 0.00 0.00	17.26 -0.19 0.00	15.19 -0.30 -0.39	14.61 -0.22 -0.43	14.92 -0.24 -0.29	14.40 -0.20 -0.45	15.21 -0.20 -0.16	15.44 -0.23 -0.25	15.39 -0.41 -0.21	15.40 -0.47 -0.19	16.97 -0.05 0.00	17.45 0.05 0.00	18.86 0.22 0.00	19.75 0.14 0.00	20.04 0.37 0.00	21.51 0.50 0.00	25.62 0.20 0.00	27.61 -0.03 0.00	28.34 -0.20 0.00	27.52 -0.06 0.00	24.26 0.19 0.00	21.04 0.02 0.00	19.94 -0.10 0.00	19.12 0.02 0.00
DUNKIRK___2 23564	19.31 0.00 0.00	17.26 -0.19 0.00	15.19 -0.30 -0.39	14.61 -0.22 -0.43	14.92 -0.24 -0.29	14.40 -0.20 -0.45	15.21 -0.20 -0.16	15.44 -0.23 -0.25	15.39 -0.41 -0.21	15.40 -0.47 -0.19	16.97 -0.05 0.00	17.45 0.05 0.00	18.86 0.22 0.00	19.75 0.14 0.00	20.04 0.37 0.00	21.51 0.50 0.00	25.62 0.20 0.00	27.61 -0.03 0.00	28.34 -0.20 0.00	27.52 -0.06 0.00	24.26 0.19 0.00	21.04 0.02 0.00	19.94 -0.10 0.00	19.12 0.02 0.00
DUNKIRK___3 23565	19.23 -0.08 0.00	17.21 -0.24 0.00	15.16 -0.33 -0.39	14.58 -0.24 -0.43	14.89 -0.27 -0.29	14.37 -0.23 -0.45	15.16 -0.24 -0.16	15.40 -0.28 -0.25	15.31 -0.48 -0.21	15.32 -0.55 -0.19	16.85 -0.17 0.00	17.33 -0.07 0.00	18.75 0.11 0.00	19.63 0.02 0.00	19.92 0.26 0.00	21.38 0.38 0.00	25.47 0.05 0.00	27.45 -0.19 0.00	28.17 -0.37 0.00	27.38 -0.19 0.00	24.14 0.07 0.00	20.96 -0.06 0.00	19.86 -0.18 0.00	19.04 -0.06 0.00
DUNKIRK___4 23566	19.23 -0.08 0.00	17.21 -0.24 0.00	15.16 -0.33 -0.39	14.58 -0.24 -0.43	14.89 -0.27 -0.29	14.37 -0.23 -0.45	15.16 -0.24 -0.16	15.40 -0.28 -0.25	15.31 -0.48 -0.21	15.32 -0.55 -0.19	16.85 -0.17 0.00	17.33 -0.07 0.00	18.75 0.11 0.00	19.63 0.02 0.00	19.92 0.26 0.00	21.38 0.38 0.00	25.47 0.05 0.00	27.45 -0.19 0.00	28.17 -0.37 0.00	27.38 -0.19 0.00	24.14 0.07 0.00	20.96 -0.06 0.00	19.86 -0.18 0.00	19.04 -0.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.43 1.12 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.88 1.00 -1.29	17.89 1.03 -1.18	18.13 1.11 0.00	18.51 1.11 0.00	19.76 1.12 0.00	20.86 1.25 0.00	20.97 1.30 0.00	22.51 1.51 0.00	27.41 1.93 -0.06	29.69 2.05 0.00	30.68 2.14 0.00	29.65 2.07 0.00	25.68 1.61 0.00	22.53 1.51 0.00	21.40 1.36 0.00	20.32 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.28 0.97 0.00	18.36 0.91 0.00	18.19 0.75 -2.34	17.65 0.68 -2.58	17.28 0.68 -1.73	17.50 0.66 -2.69	16.93 0.72 -0.96	17.69 0.76 -1.52	17.64 0.81 -1.24	17.63 0.82 -1.13	17.89 0.87 0.00	18.25 0.85 0.00	19.48 0.84 0.00	20.57 0.96 0.00	20.67 1.00 0.00	22.20 1.20 0.00	27.01 1.55 -0.04	29.30 1.66 0.00	30.34 1.80 0.00	29.29 1.71 0.00	25.44 1.37 0.00	22.30 1.28 0.00	21.16 1.12 0.00	20.11 1.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.45 1.14 0.00	18.49 1.03 0.00	18.37 0.85 -2.43	17.83 0.75 -2.69	17.40 0.73 -1.80	17.63 0.69 -2.80	16.99 0.75 -1.00	17.86 0.86 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.20 1.17 0.00	18.60 1.20 0.00	19.72 1.08 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.64 1.64 0.00	27.69 2.21 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.66 1.59 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.44 1.34 0.00
E179THST_13_KV_LOAD 356214	20.53 1.22 0.00	18.56 1.10 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.69 0.75 -2.80	17.04 0.79 -1.00	17.92 0.93 -1.58	17.89 1.01 -1.29	17.97 1.11 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.81 1.17 0.00	20.96 1.35 0.00	21.08 1.42 0.00	22.75 1.74 0.00	27.84 2.36 -0.06	30.05 2.40 0.00	30.97 2.43 0.00	29.89 2.32 0.00	25.78 1.71 0.00	22.70 1.68 0.00	21.56 1.52 0.00	20.53 1.43 0.00
EAST HAMPTON___GT 23717	23.14 2.74 -1.09	20.00 2.53 -0.02	19.72 2.17 -2.45	18.92 1.84 -2.69	18.50 1.83 -1.80	18.77 1.83 -2.80	18.40 2.15 -1.00	20.05 2.30 -2.33	21.16 2.28 -3.30	22.11 2.29 -4.14	21.57 2.42 -2.13	22.77 2.49 -2.89	24.46 2.65 -3.18	26.88 2.96 -4.31	31.35 3.15 -8.53	31.37 3.55 -6.82	35.00 4.55 -5.03	41.00 5.00 -8.35	36.52 5.20 -2.78	35.26 4.94 -2.75	33.89 4.02 -5.80	32.93 3.64 -8.27	26.66 3.43 -3.20	24.74 3.09 -2.55

EAST RIVER___6 23660	20.55 1.24 0.00	18.61 1.15 0.00	18.50 0.97 -2.43	17.94 0.86 -2.69	17.48 0.82 -1.80	17.73 0.79 -2.80	17.16 0.91 -1.00	18.05 1.05 -1.58	17.97 1.09 -1.29	18.02 1.16 -1.18	18.25 1.23 0.00	18.61 1.22 0.00	19.83 1.19 0.00	20.96 1.35 0.00	21.01 1.34 0.00	22.68 1.68 0.00	27.67 2.19 -0.06	29.94 2.29 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.75 1.68 0.00	22.68 1.66 0.00	21.54 1.50 0.00	20.40 1.30 0.00
EAST RIVER___7 23524	20.55 1.24 0.00	18.61 1.15 0.00	18.50 0.97 -2.43	17.94 0.86 -2.69	17.48 0.82 -1.80	17.73 0.79 -2.80	17.16 0.91 -1.00	18.05 1.05 -1.58	17.97 1.09 -1.29	18.02 1.16 -1.18	18.25 1.23 0.00	18.61 1.22 0.00	19.83 1.19 0.00	20.96 1.35 0.00	21.01 1.34 0.00	22.68 1.68 0.00	27.67 2.19 -0.06	29.94 2.29 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.75 1.68 0.00	22.68 1.66 0.00	21.54 1.50 0.00	20.40 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.37 1.06 0.00	18.47 1.01 0.00	18.37 0.85 -2.42	17.83 0.76 -2.68	17.42 0.76 -1.80	17.67 0.74 -2.79	17.07 0.82 -1.00	17.86 0.86 -1.57	17.84 0.97 -1.29	17.84 0.99 -1.18	18.08 1.06 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.80 1.20 0.00	20.91 1.24 0.00	22.45 1.45 0.00	27.33 1.86 -0.06	29.61 1.96 0.00	30.60 2.06 0.00	29.54 1.96 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.34 1.30 0.00	20.27 1.17 0.00
EAST_HAMPTON___DIESEL 23722	23.14 2.74 -1.09	20.00 2.53 -0.02	19.72 2.17 -2.45	18.92 1.84 -2.69	18.51 1.84 -1.80	18.77 1.83 -2.80	18.40 2.15 -1.00	20.05 2.30 -2.33	21.16 2.28 -3.30	22.11 2.29 -4.14	21.57 2.42 -2.13	22.77 2.49 -2.89	24.46 2.65 -3.18	26.90 2.98 -4.31	31.35 3.15 -8.53	31.37 3.55 -6.82	35.00 4.55 -5.03	41.02 5.03 -8.35	36.54 5.22 -2.78	35.26 4.94 -2.75	33.89 4.02 -5.80	32.93 3.64 -8.27	26.68 3.45 -3.20	24.74 3.09 -2.55
EAST_PULASKI___ESR 323781	19.08 -0.23 0.00	17.23 -0.23 0.00	15.07 -0.20 -0.17	14.41 -0.17 -0.19	14.81 -0.18 -0.13	14.18 -0.16 -0.20	15.20 -0.12 -0.07	15.39 -0.14 -0.11	15.51 -0.17 -0.09	15.56 -0.20 -0.08	16.82 -0.20 0.00	17.20 -0.19 0.00	18.49 -0.15 0.00	19.41 -0.20 0.00	19.47 -0.20 0.00	20.94 -0.06 0.00	25.34 -0.08 0.00	27.61 -0.03 0.00	28.49 -0.06 0.00	27.55 -0.03 0.00	24.14 0.07 0.00	21.00 -0.02 0.00	19.92 -0.12 0.00	18.97 -0.13 0.00
EAST_RIVER___1 323558	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.90 0.82 -2.69	17.45 0.79 -1.80	17.72 0.78 -2.80	17.15 0.90 -1.00	18.03 1.03 -1.58	17.94 1.06 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	20.99 1.32 0.00	22.64 1.64 0.00	27.61 2.14 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.73 1.66 0.00	22.66 1.64 0.00	21.52 1.48 0.00	20.38 1.28 0.00
EAST_RIVER___2 323559	20.55 1.24 0.00	18.61 1.15 0.00	18.50 0.97 -2.43	17.94 0.86 -2.69	17.48 0.82 -1.80	17.73 0.79 -2.80	17.16 0.91 -1.00	18.05 1.05 -1.58	17.97 1.09 -1.29	18.02 1.16 -1.18	18.25 1.23 0.00	18.61 1.22 0.00	19.83 1.19 0.00	20.96 1.35 0.00	21.01 1.34 0.00	22.68 1.68 0.00	27.67 2.19 -0.06	29.94 2.29 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.75 1.68 0.00	22.68 1.66 0.00	21.54 1.50 0.00	20.40 1.30 0.00
EAST___DELAWARE_HYD 23607	20.14 0.83 0.00	18.21 0.75 0.00	17.81 0.60 -2.11	17.24 0.52 -2.33	16.96 0.53 -1.57	17.09 0.52 -2.43	16.73 0.61 -0.87	17.44 0.65 -1.37	17.32 0.61 -1.12	17.28 0.58 -1.02	17.62 0.60 0.00	17.93 0.54 0.00	19.18 0.54 0.00	20.24 0.63 0.00	20.32 0.65 0.00	21.90 0.90 0.00	26.69 1.25 -0.03	29.08 1.44 0.00	30.11 1.57 0.00	29.09 1.52 0.00	25.25 1.18 0.00	22.20 1.18 0.00	21.04 1.00 0.00	19.94 0.84 0.00
EIGHT_POINT___WT_PWR 323820	19.56 0.25 0.00	17.56 0.11 0.00	15.55 -0.02 -0.46	14.93 0.03 -0.51	15.25 0.04 -0.34	14.76 0.09 -0.53	15.70 0.26 -0.19	15.77 0.05 -0.30	15.80 -0.03 -0.25	15.84 -0.06 -0.23	17.24 0.22 0.00	17.72 0.33 0.00	19.16 0.52 0.00	20.08 0.47 0.00	20.28 0.61 0.00	21.86 0.86 0.00	26.28 0.86 0.00	28.44 0.80 0.00	29.23 0.68 0.00	28.32 0.74 0.00	25.03 0.96 0.00	21.59 0.57 0.00	20.38 0.34 0.00	19.43 0.32 0.00
ELBRIDGE_115KV_TB2 80188	19.23 -0.08 0.00	17.37 -0.09 0.00	15.29 -0.06 -0.25	14.62 -0.04 -0.28	15.02 -0.03 -0.18	14.40 -0.03 -0.29	15.32 -0.03 -0.10	15.55 -0.03 -0.16	15.64 -0.08 -0.13	15.71 -0.09 -0.12	16.94 -0.09 0.00	17.36 -0.03 0.00	18.66 0.02 0.00	19.63 0.02 0.00	19.69 0.02 0.00	21.11 0.11 0.00	25.52 0.10 0.00	27.73 0.08 0.00	28.63 0.09 0.00	27.69 0.11 0.00	24.26 0.19 0.00	21.10 0.08 0.00	20.08 0.04 0.00	19.14 0.04 0.00
ELEC_TRO_TEK 24086	21.81 1.41 -1.09	18.82 1.34 -0.02	18.68 1.13 -2.45	18.03 0.95 -2.69	17.60 0.94 -1.80	17.89 0.95 -2.80	17.35 1.10 -1.00	18.89 1.14 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.48 1.33 -2.13	21.61 1.32 -2.89	23.16 1.34 -3.18	25.41 1.49 -4.31	29.71 1.51 -8.52	27.10 1.76 -4.33	28.42 2.29 -0.71	38.39 2.40 -8.34	33.77 2.51 -2.72	31.14 2.43 -1.14	31.65 1.90 -5.68	27.18 1.74 -4.41	24.88 1.64 -3.20	23.16 1.51 -2.55
ELLENBURG_WT_PWR 323604	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.80 -0.34 0.00	14.88 -0.37 0.00	15.09 -0.32 0.00	15.34 -0.25 0.00	15.49 -0.19 0.00	16.84 -0.19 0.00	17.17 -0.23 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.25 -0.41 0.00	20.46 -0.55 0.00	24.81 -0.61 0.00	26.95 -0.69 0.00	27.63 -0.91 0.00	26.47 -1.10 0.00	22.96 -1.11 0.00	19.95 -1.07 0.00	19.08 -0.96 0.00	18.24 -0.86 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.06 -0.25 0.00	17.07 -0.38 0.00	15.11 -0.36 -0.37	14.54 -0.26 -0.41	14.86 -0.28 -0.28	14.33 -0.24 -0.43	15.11 -0.29 -0.15	15.32 -0.34 -0.24	15.18 -0.61 -0.20	15.15 -0.71 -0.18	16.58 -0.44 0.00	17.06 -0.33 0.00	18.49 -0.15 0.00	19.33 -0.27 0.00	19.63 -0.04 0.00	21.04 0.04 0.00	25.04 -0.38 0.00	27.01 -0.64 0.00	27.72 -0.83 0.00	26.97 -0.61 0.00	23.81 -0.26 0.00	20.70 -0.32 0.00	19.66 -0.38 0.00	18.85 -0.25 0.00
EMPIRE_CC_1 323656	19.87 0.56 0.00	18.01 0.56 0.00	18.55 0.47 -2.98	18.14 0.45 -3.30	17.56 0.48 -2.22	18.02 0.44 -3.44	16.98 0.50 -1.23	17.78 0.42 -1.94	17.60 0.42 -1.59	17.54 0.41 -1.45	17.46 0.44 0.00	17.81 0.42 0.00	18.99 0.35 0.00	20.06 0.45 0.00	20.16 0.49 0.00	21.57 0.57 0.00	25.94 0.64 0.12	28.39 0.75 0.00	29.46 0.91 0.00	28.46 0.88 0.00	24.77 0.70 0.00	21.74 0.72 0.00	20.70 0.66 0.00	19.75 0.65 0.00
EMPIRE_CC_2 323658	19.87 0.56 0.00	18.01 0.56 0.00	18.55 0.47 -2.98	18.14 0.45 -3.30	17.56 0.48 -2.22	18.02 0.44 -3.44	16.98 0.50 -1.23	17.78 0.42 -1.94	17.60 0.42 -1.59	17.54 0.41 -1.45	17.46 0.44 0.00	17.81 0.42 0.00	18.99 0.35 0.00	20.06 0.45 0.00	20.16 0.49 0.00	21.57 0.57 0.00	25.94 0.64 0.12	28.39 0.75 0.00	29.46 0.91 0.00	28.46 0.88 0.00	24.77 0.70 0.00	21.74 0.72 0.00	20.70 0.66 0.00	19.75 0.65 0.00

ENORWICH_115KV_TB1 80156	20.66 1.35 0.00	18.61 1.15 0.00	16.60 0.83 -0.67	16.01 0.88 -0.74	16.21 0.85 -0.49	15.76 0.85 -0.77	16.56 1.04 -0.27	16.81 0.96 -0.43	16.82 0.87 -0.35	16.79 0.78 -0.32	17.92 0.90 0.00	18.33 0.94 0.00	19.94 1.30 0.00	20.98 1.37 0.00	21.22 1.55 0.00	22.87 1.87 0.00	27.68 2.26 0.00	30.35 2.71 0.00	31.20 2.65 0.00	30.25 2.68 0.00	26.65 2.58 0.00	23.08 2.06 0.00	21.56 1.52 0.00	20.48 1.38 0.00
ERIE_ST__34_KV_TB1-2 80199	19.23 -0.08 0.00	17.25 -0.21 0.00	14.99 -0.50 -0.38	14.41 -0.40 -0.43	14.72 -0.43 -0.29	14.20 -0.38 -0.44	14.99 -0.41 -0.16	15.21 -0.46 -0.25	15.12 -0.67 -0.20	15.10 -0.77 -0.19	16.82 -0.20 0.00	17.29 -0.10 0.00	18.73 0.09 0.00	19.61 0.00 0.00	19.90 0.24 0.00	21.36 0.36 0.00	25.44 0.03 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.38 -0.19 0.00	24.14 0.07 0.00	20.98 -0.04 0.00	19.88 -0.16 0.00	19.08 -0.02 0.00
ERIE_WT_PWR 323693	19.18 -0.13 0.00	17.19 -0.26 0.00	15.13 -0.35 -0.38	14.57 -0.24 -0.42	14.88 -0.27 -0.28	14.34 -0.24 -0.44	15.30 -0.11 -0.16	15.27 -0.40 -0.25	15.21 -0.58 -0.20	15.21 -0.66 -0.18	16.70 -0.32 0.00	17.19 -0.21 0.00	18.60 -0.04 0.00	19.47 -0.14 0.00	19.69 0.02 0.00	21.21 0.21 0.00	25.32 -0.10 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	27.19 -0.39 0.00	24.09 0.02 0.00	20.85 -0.17 0.00	19.82 -0.22 0.00	18.99 -0.11 0.00
ESPRGFLD_115KV_TB1 80157	20.32 1.00 0.00	18.33 0.87 0.00	15.14 0.72 0.69	14.37 0.73 0.76	15.08 0.73 0.51	14.07 0.72 0.79	15.76 0.79 0.28	15.76 0.79 0.45	16.02 0.80 0.37	16.11 0.77 0.33	17.87 0.85 0.00	18.28 0.89 0.00	19.61 0.97 0.00	20.69 1.08 0.00	20.91 1.24 0.00	22.51 1.51 0.00	27.29 1.91 0.03	29.80 2.16 0.00	30.71 2.17 0.00	29.73 2.15 0.00	25.97 1.90 0.00	22.58 1.56 0.00	21.28 1.24 0.00	20.21 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.68 0.37 0.00	17.77 0.31 0.00	15.84 0.24 -0.50	15.20 0.26 -0.55	15.51 0.28 -0.37	15.00 0.28 -0.57	15.79 0.34 -0.20	16.07 0.32 -0.32	16.13 0.28 -0.26	16.14 0.22 -0.24	17.29 0.27 0.00	17.71 0.31 0.00	19.09 0.45 0.00	20.08 0.47 0.00	20.20 0.53 0.00	21.72 0.71 0.00	26.31 0.89 0.00	28.64 1.00 0.00	29.54 1.00 0.00	28.60 1.02 0.00	25.08 1.01 0.00	21.78 0.76 0.00	20.60 0.56 0.00	19.62 0.52 0.00
ETNA____115KV_TB2 80207	19.68 0.37 0.00	17.77 0.31 0.00	15.84 0.24 -0.50	15.20 0.26 -0.55	15.51 0.28 -0.37	15.00 0.28 -0.57	15.79 0.34 -0.20	16.07 0.32 -0.32	16.13 0.28 -0.26	16.14 0.22 -0.24	17.29 0.27 0.00	17.71 0.31 0.00	19.09 0.45 0.00	20.08 0.47 0.00	20.20 0.53 0.00	21.72 0.71 0.00	26.31 0.89 0.00	28.64 1.00 0.00	29.54 1.00 0.00	28.60 1.02 0.00	25.08 1.01 0.00	21.78 0.76 0.00	20.60 0.56 0.00	19.62 0.52 0.00
EUCLID__115KV_TB2 356179	19.12 -0.19 0.00	17.26 -0.19 0.00	15.14 -0.15 -0.20	14.48 -0.13 -0.22	14.89 -0.12 -0.15	14.27 -0.10 -0.23	15.22 -0.11 -0.08	15.42 -0.12 -0.13	15.54 -0.16 -0.10	15.60 -0.17 -0.10	16.85 -0.17 0.00	17.24 -0.16 0.00	18.54 -0.09 0.00	19.51 -0.10 0.00	19.55 -0.12 0.00	20.94 -0.06 0.00	25.32 -0.10 0.00	27.50 -0.14 0.00	28.40 -0.14 0.00	27.47 -0.11 0.00	24.07 0.00 0.00	20.96 -0.06 0.00	19.96 -0.08 0.00	19.03 -0.08 0.00
E_CANADA_CAP_HY 24051	20.53 1.22 0.00	18.52 1.06 0.00	19.94 0.91 -3.94	19.64 0.89 -4.35	18.70 0.91 -2.93	19.57 0.89 -4.54	17.87 1.01 -1.62	18.95 0.97 -2.56	18.64 0.95 -2.10	18.52 0.92 -1.91	18.03 1.00 0.00	18.42 1.03 0.00	19.64 1.01 0.00	20.76 1.16 0.00	21.02 1.36 0.00	22.68 1.68 0.00	27.59 2.21 0.04	30.13 2.49 0.00	31.17 2.62 0.00	30.20 2.62 0.00	26.31 2.24 0.00	22.87 1.85 0.00	21.56 1.52 0.00	20.46 1.36 0.00
E_CANADA_MHWK_HY 24050	19.52 0.21 0.00	17.63 0.17 0.00	15.22 0.12 0.00	14.52 0.13 0.00	14.98 0.12 0.00	14.26 0.11 0.00	15.39 0.14 0.00	15.54 0.12 0.00	15.73 0.14 0.00	15.79 0.11 0.00	17.14 0.12 0.00	17.52 0.12 0.00	18.79 0.15 0.00	19.76 0.16 0.00	19.82 0.16 0.00	21.21 0.21 0.00	25.67 0.25 0.00	27.98 0.33 0.00	28.83 0.29 0.00	27.83 0.25 0.00	24.29 0.22 0.00	21.21 0.19 0.00	20.14 0.10 0.00	19.18 0.08 0.00
E_FISHKILL__LBMP 23776	20.26 0.95 0.00	18.35 0.89 0.00	18.35 0.75 -2.50	17.84 0.69 -2.76	17.40 0.68 -1.85	17.68 0.66 -2.87	17.01 0.73 -1.03	17.81 0.77 -1.62	17.76 0.84 -1.33	17.75 0.86 -1.21	17.92 0.90 0.00	18.30 0.90 0.00	19.51 0.88 0.00	20.61 1.00 0.00	20.71 1.04 0.00	22.22 1.22 0.00	27.01 1.53 -0.06	29.27 1.63 0.00	30.28 1.74 0.00	29.23 1.65 0.00	25.39 1.32 0.00	22.26 1.24 0.00	21.16 1.12 0.00	20.11 1.01 0.00
FALCON__SEABRD_CC1 323796	19.27 -0.04 0.00	17.39 -0.07 0.00	14.99 -0.10 0.00	14.19 -0.20 0.00	14.65 -0.21 0.00	13.90 -0.24 0.00	14.99 -0.26 0.00	15.20 -0.22 0.00	15.46 -0.13 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.41 -0.26 0.00	20.64 -0.36 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	26.75 -0.83 0.00	23.20 -0.87 0.00	20.14 -0.88 0.00	19.26 -0.78 0.00	18.42 -0.69 0.00
FALCON__SEABRD_CC2 323797	19.27 -0.04 0.00	17.39 -0.07 0.00	14.99 -0.10 0.00	14.19 -0.20 0.00	14.65 -0.21 0.00	13.90 -0.24 0.00	14.99 -0.26 0.00	15.20 -0.22 0.00	15.46 -0.13 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.41 -0.26 0.00	20.64 -0.36 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	26.75 -0.83 0.00	23.20 -0.87 0.00	20.14 -0.88 0.00	19.26 -0.78 0.00	18.42 -0.69 0.00
FAR ROCKAWAY__4 23548	22.12 1.72 -1.09	19.08 1.61 -0.02	18.91 1.36 -2.45	18.23 1.15 -2.69	17.81 1.14 -1.80	18.09 1.15 -2.80	17.56 1.31 -1.00	19.12 1.37 -2.33	20.35 1.47 -3.30	21.33 1.51 -4.14	20.68 1.53 -2.13	21.83 1.55 -2.89	23.38 1.57 -3.18	25.65 1.73 -4.31	29.98 1.79 -8.52	27.37 2.04 -4.33	28.78 2.64 -0.71	38.80 2.82 -8.34	34.20 2.94 -2.72	31.53 2.81 -1.14	31.96 2.21 -5.68	27.47 2.04 -4.41	25.12 1.88 -3.20	23.37 1.72 -2.55
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.49 1.18 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.90 0.82 -2.69	17.47 0.80 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.94 1.06 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.60 1.20 0.00	19.81 1.17 0.00	20.96 1.35 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.49 1.18 0.00	18.56 1.10 0.00	18.43 0.91 -2.43	17.90 0.82 -2.69	17.47 0.80 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.94 1.06 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.60 1.20 0.00	19.81 1.17 0.00	20.96 1.35 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.91 2.27 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.78 1.71 0.00	22.64 1.62 0.00	21.48 1.44 0.00	20.40 1.30 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.03 1.36 0.00	22.64 1.64 0.00	27.61 2.14 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.38 1.28 0.00
FARRAGUT___LBMP 323566	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	21.03 1.36 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.73 1.66 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.38 1.28 0.00
FENNER___WINDPWR 24204	19.64 0.33 0.00	17.73 0.28 0.00	15.59 0.21 -0.28	14.91 0.22 -0.30	15.29 0.22 -0.20	14.69 0.23 -0.32	15.65 0.29 -0.11	15.86 0.26 -0.18	15.98 0.25 -0.15	16.02 0.20 -0.13	17.28 0.26 0.00	17.66 0.26 0.00	19.01 0.37 0.00	19.98 0.37 0.00	20.10 0.43 0.00	21.57 0.57 0.00	26.11 0.69 0.00	28.42 0.77 0.00	29.28 0.74 0.00	28.32 0.74 0.00	24.84 0.77 0.00	21.61 0.59 0.00	20.44 0.40 0.00	19.48 0.38 0.00
FIBERTEK___ENERGY 23856	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
FITZPATRICK____ 23598	18.89 -0.42 0.00	17.06 -0.40 0.00	14.91 -0.33 -0.14	14.23 -0.32 -0.16	14.66 -0.31 -0.10	14.01 -0.30 -0.16	14.97 -0.34 -0.06	15.17 -0.34 -0.09	15.29 -0.37 -0.08	15.36 -0.39 -0.07	16.61 -0.41 0.00	17.01 -0.38 0.00	18.27 -0.37 0.00	19.22 -0.39 0.00	19.25 -0.41 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.58 -0.44 0.00	19.62 -0.42 0.00	18.74 -0.36 0.00
FLOWRFLD_69_KV_BK1 356044	22.35 1.95 -1.09	19.29 1.82 -0.02	19.10 1.56 -2.45	18.37 1.30 -2.69	17.95 1.28 -1.80	18.23 1.29 -2.80	17.76 1.51 -1.00	19.34 1.59 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.62 1.81 -3.18	25.96 2.04 -4.31	30.29 2.08 -8.54	31.26 2.42 -7.84	35.28 3.05 -6.81	39.18 3.18 -8.36	34.69 3.34 -2.80	34.25 3.25 -3.41	32.52 2.60 -5.85	33.25 2.38 -9.86	25.56 2.32 -3.20	23.77 2.12 -2.55
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.49 1.18 0.00	18.54 1.08 0.00	18.45 0.91 -2.44	17.90 0.81 -2.70	17.49 0.82 -1.81	17.75 0.79 -2.81	17.11 0.85 -1.00	17.88 0.88 -1.59	17.81 0.92 -1.30	17.81 0.94 -1.18	18.03 1.00 0.00	18.39 0.99 0.00	19.63 0.99 0.00	20.73 1.12 0.00	20.83 1.16 0.00	22.37 1.37 0.00	27.24 1.78 -0.05	29.55 1.91 0.00	30.63 2.08 0.00	29.59 2.01 0.00	25.68 1.61 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.32 1.22 0.00
FORT ORANGE____ 23900	19.83 0.52 0.00	18.00 0.54 0.00	18.62 0.42 -3.10	18.23 0.42 -3.42	17.61 0.45 -2.30	18.13 0.42 -3.57	16.99 0.47 -1.27	17.86 0.43 -2.01	17.66 0.42 -1.65	17.59 0.41 -1.50	17.46 0.44 0.00	17.83 0.44 0.00	19.03 0.39 0.00	20.10 0.49 0.00	20.24 0.57 0.00	21.67 0.67 0.00	26.17 0.81 0.06	28.55 0.91 0.00	29.60 1.06 0.00	28.63 1.05 0.00	24.91 0.84 0.00	21.82 0.80 0.00	20.74 0.70 0.00	19.73 0.63 0.00
FORT_DRUM_COGEN 23780	19.22 -0.10 0.00	17.33 -0.12 0.00	15.04 -0.18 -0.12	14.40 -0.13 -0.13	14.80 -0.15 -0.09	14.17 -0.11 -0.14	15.28 -0.02 -0.05	15.44 -0.06 -0.08	15.57 -0.08 -0.06	15.60 -0.14 -0.06	16.85 -0.17 0.00	17.20 -0.19 0.00	18.54 -0.09 0.00	19.35 -0.25 0.00	19.47 -0.20 0.00	21.11 0.11 0.00	25.60 0.18 0.00	28.06 0.41 0.00	28.86 0.31 0.00	27.96 0.39 0.00	24.55 0.48 0.00	21.31 0.29 0.00	19.96 -0.08 0.00	19.01 -0.10 0.00
FPL_FAR_ROCK_GT1 24212	22.12 1.72 -1.09	19.08 1.60 -0.02	18.91 1.36 -2.45	18.23 1.15 -2.69	17.81 1.14 -1.80	18.09 1.15 -2.80	17.60 1.36 -1.00	19.20 1.45 -2.33	20.37 1.48 -3.30	21.33 1.51 -4.15	20.68 1.53 -2.13	21.83 1.55 -2.89	23.38 1.57 -3.18	25.65 1.73 -4.31	29.94 1.75 -8.52	27.37 2.04 -4.33	28.75 2.62 -0.71	38.80 2.82 -8.34	34.20 2.94 -2.72	31.53 2.81 -1.14	31.96 2.21 -5.68	27.52 2.08 -4.41	25.16 1.92 -3.20	23.37 1.72 -2.55
FPL_FAR_ROCK_GT2 23815	22.12 1.72 -1.09	19.08 1.60 -0.02	18.91 1.36 -2.45	18.23 1.15 -2.69	17.81 1.14 -1.80	18.09 1.15 -2.80	17.60 1.36 -1.00	19.20 1.45 -2.33	20.37 1.48 -3.30	21.33 1.51 -4.15	20.68 1.53 -2.13	21.83 1.55 -2.89	23.38 1.57 -3.18	25.65 1.73 -4.31	29.94 1.75 -8.52	27.37 2.04 -4.33	28.75 2.62 -0.71	38.80 2.82 -8.34	34.20 2.94 -2.72	31.53 2.81 -1.14	31.96 2.21 -5.68	27.52 2.08 -4.41	25.16 1.92 -3.20	23.37 1.72 -2.55
FRANKLIN_FALL_HYD 24054	24.31 -0.17 -5.17	21.23 -0.17 -3.95	18.98 -0.18 -4.07	17.51 -0.26 -3.37	20.57 -0.25 -5.96	19.80 -0.27 -5.92	19.84 -0.27 -4.86	17.15 -0.25 -1.98	16.81 -0.14 -1.37	15.98 -0.06 -0.37	17.01 -0.05 -0.04	17.27 -0.12 0.00	19.08 -0.13 -0.57	21.12 -0.25 -1.76	20.47 -0.28 -1.08	21.57 -0.40 -0.96	30.92 -0.38 -5.89	35.00 -0.44 -7.80	37.02 -0.63 -9.10	34.84 -0.74 -8.01	28.53 -0.75 -5.21	21.74 -0.74 -1.45	19.34 -0.70 0.00	20.36 -0.59 -1.85
FREEPORT_EQUS_GT1 23764	22.03 1.62 -1.09	18.99 1.52 -0.02	18.83 1.28 -2.45	18.16 1.08 -2.69	17.74 1.07 -1.80	18.02 1.07 -2.80	17.53 1.28 -1.00	19.12 1.37 -2.33	20.27 1.39 -3.30	21.25 1.43 -4.14	20.65 1.50 -2.13	21.78 1.50 -2.89	23.34 1.53 -3.18	25.63 1.71 -4.31	29.88 1.69 -8.52	27.33 2.00 -4.33	28.70 2.57 -0.71	38.75 2.76 -8.34	34.14 2.88 -2.72	31.47 2.76 -1.14	31.92 2.17 -5.68	27.50 2.06 -4.41	25.18 1.94 -3.20	23.39 1.74 -2.55
FREEPORT___CT2 23818	22.03 1.62 -1.09	18.99 1.52 -0.02	18.83 1.28 -2.45	18.16 1.08 -2.69	17.74 1.07 -1.80	18.02 1.07 -2.80	17.53 1.28 -1.00	19.12 1.37 -2.33	20.27 1.39 -3.30	21.25 1.43 -4.14	20.65 1.50 -2.13	21.78 1.50 -2.89	23.34 1.53 -3.18	25.63 1.71 -4.31	29.88 1.69 -8.52	27.33 2.00 -4.33	28.70 2.57 -0.71	38.75 2.76 -8.34	34.14 2.88 -2.72	31.47 2.76 -1.14	31.92 2.17 -5.68	27.50 2.06 -4.41	25.18 1.94 -3.20	23.39 1.74 -2.55
FRESHKLS_33_KV_LOAD 356253	15.18 1.04 5.18	14.48 0.98 3.96	14.26 0.80 1.64	14.40 0.71 0.69	11.37 0.67 4.16	11.66 0.65 3.13	12.00 0.63 3.87	15.74 0.72 0.41	16.35 0.84 0.08	17.42 0.94 -0.80	17.96 0.99 0.05	18.40 1.01 0.01	19.03 0.97 0.58	18.97 1.14 1.77	19.76 1.18 1.09	21.50 1.47 0.97	21.64 2.06 5.84	21.96 2.13 7.81	21.56 2.14 9.12	21.62 2.07 8.03	20.31 1.47 5.23	20.99 1.43 1.46	21.34 1.30 0.00	18.46 1.20 1.85

FULTON COGEN____ 23766	19.16 -0.15 0.00	17.30 -0.16 0.00	15.16 -0.12 -0.18	14.49 -0.10 -0.20	14.90 -0.10 -0.14	14.27 -0.08 -0.21	15.23 -0.09 -0.08	15.46 -0.08 -0.12	15.56 -0.12 -0.10	15.63 -0.14 -0.09	16.89 -0.14 0.00	17.29 -0.10 0.00	18.58 -0.06 0.00	19.57 -0.04 0.00	19.59 -0.08 0.00	21.00 0.00 0.00	25.39 -0.03 0.00	27.61 -0.03 0.00	28.51 -0.03 0.00	27.58 0.00 0.00	24.17 0.10 0.00	21.02 0.00 0.00	20.02 -0.02 0.00	19.08 -0.02 0.00
FULTON____LFGE 323630	21.05 1.74 0.00	18.96 1.50 0.00	20.11 1.31 -3.70	19.74 1.27 -4.08	18.92 1.31 -2.74	19.67 1.27 -4.26	18.17 1.40 -1.52	19.16 1.34 -2.40	18.82 1.26 -1.97	18.68 1.21 -1.79	18.25 1.23 0.00	18.66 1.27 0.00	19.94 1.30 0.00	21.23 1.63 0.00	21.68 2.01 0.00	23.46 2.46 0.00	28.70 3.33 0.05	31.35 3.71 0.00	32.57 4.03 0.00	31.63 4.06 0.00	27.49 3.42 0.00	23.65 2.63 0.00	22.22 2.18 0.00	21.07 1.97 0.00
G.F.CEMENT____DRP 24184	20.55 1.24 0.00	18.57 1.12 0.00	19.38 1.04 -3.24	18.95 0.98 -3.58	18.29 1.03 -2.40	18.85 0.98 -3.73	17.65 1.07 -1.33	18.57 1.05 -2.10	18.35 1.04 -1.72	18.32 1.07 -1.57	18.11 1.09 0.00	18.53 1.13 0.00	19.79 1.16 0.00	20.86 1.25 0.00	21.20 1.53 0.00	22.68 1.68 0.00	27.48 2.14 0.07	30.05 2.40 0.00	31.40 2.85 0.00	30.42 2.84 0.00	26.48 2.41 0.00	22.95 1.93 0.00	21.74 1.70 0.00	20.67 1.57 0.00
GARDENVILLE____LBMP 24039	19.12 -0.19 0.00	17.12 -0.33 0.00	15.10 -0.38 -0.38	14.54 -0.27 -0.42	14.85 -0.30 -0.28	14.32 -0.25 -0.44	15.11 -0.29 -0.16	15.33 -0.34 -0.25	15.20 -0.59 -0.20	15.17 -0.69 -0.18	16.65 -0.37 0.00	17.13 -0.26 0.00	18.54 -0.09 0.00	19.41 -0.20 0.00	19.71 0.04 0.00	21.13 0.13 0.00	25.14 -0.28 0.00	27.12 -0.53 0.00	27.83 -0.71 0.00	27.08 -0.50 0.00	23.90 -0.17 0.00	20.77 -0.25 0.00	19.72 -0.32 0.00	18.91 -0.19 0.00
GARDNVLA_35_KV_LD 355827	19.18 -0.14 0.00	17.18 -0.28 0.00	15.15 -0.33 -0.38	14.57 -0.24 -0.42	14.89 -0.25 -0.28	14.35 -0.23 -0.44	15.15 -0.26 -0.16	15.36 -0.31 -0.25	15.23 -0.56 -0.20	15.22 -0.64 -0.18	16.72 -0.31 0.00	17.19 -0.21 0.00	18.62 -0.02 0.00	19.49 -0.12 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.24 -0.18 0.00	27.23 -0.41 0.00	27.94 -0.60 0.00	27.19 -0.39 0.00	24.00 -0.07 0.00	20.85 -0.17 0.00	19.80 -0.24 0.00	18.99 -0.11 0.00
GELCKHM__115KV_LOAD 80723	19.20 -0.12 0.00	17.33 -0.12 0.00	15.22 -0.09 -0.21	14.55 -0.07 -0.23	14.94 -0.07 -0.16	14.33 -0.06 -0.24	15.27 -0.06 -0.09	15.49 -0.06 -0.14	15.59 -0.11 -0.11	15.66 -0.13 -0.10	16.90 -0.12 0.00	17.31 -0.09 0.00	18.62 -0.02 0.00	19.59 -0.02 0.00	19.63 -0.04 0.00	21.04 0.04 0.00	25.44 0.03 0.00	27.64 0.00 0.00	28.54 0.00 0.00	27.61 0.03 0.00	24.19 0.12 0.00	21.04 0.02 0.00	20.04 0.00 0.00	19.10 0.00 0.00
GENERAL____MILLS 23808	19.16 -0.15 0.00	17.16 -0.30 0.00	15.12 -0.36 -0.38	14.55 -0.26 -0.42	14.86 -0.28 -0.28	14.34 -0.24 -0.44	15.13 -0.27 -0.16	15.34 -0.32 -0.25	15.21 -0.58 -0.20	15.19 -0.67 -0.18	16.68 -0.34 0.00	17.17 -0.23 0.00	18.60 -0.04 0.00	19.45 -0.16 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.22 -0.20 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	27.16 -0.41 0.00	23.97 -0.10 0.00	20.83 -0.19 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
GE_PLASTICS____DRP 24183	19.81 0.50 0.00	17.98 0.52 0.00	18.62 0.42 -3.10	18.23 0.42 -3.42	17.61 0.45 -2.30	18.14 0.42 -3.57	17.01 0.49 -1.27	17.93 0.49 -2.01	17.67 0.44 -1.65	17.61 0.42 -1.50	17.48 0.46 0.00	17.85 0.45 0.00	19.05 0.41 0.00	20.10 0.49 0.00	20.22 0.55 0.00	21.63 0.63 0.00	26.11 0.74 0.05	28.47 0.83 0.00	29.48 0.94 0.00	28.52 0.94 0.00	24.82 0.75 0.00	21.71 0.69 0.00	20.66 0.62 0.00	19.68 0.57 0.00
GILBOA____1 23756	19.89 0.58 0.00	18.01 0.56 0.00	17.99 0.51 -2.38	17.57 0.55 -2.63	17.18 0.55 -1.77	17.42 0.54 -2.74	16.72 0.49 -0.98	17.46 0.49 -1.55	17.35 0.50 -1.27	17.32 0.49 -1.16	17.55 0.53 0.00	17.92 0.52 0.00	19.12 0.48 0.00	20.16 0.55 0.00	20.22 0.55 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.54 1.00 0.00	28.54 0.96 0.00	24.86 0.79 0.00	21.78 0.76 0.00	20.70 0.66 0.00	19.67 0.57 0.00
GILBOA____2 23757	19.89 0.58 0.00	18.01 0.56 0.00	17.99 0.51 -2.38	17.57 0.55 -2.63	17.18 0.55 -1.77	17.42 0.54 -2.74	16.72 0.49 -0.98	17.46 0.49 -1.55	17.35 0.50 -1.27	17.32 0.49 -1.16	17.55 0.53 0.00	17.92 0.52 0.00	19.12 0.48 0.00	20.16 0.55 0.00	20.22 0.55 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.54 1.00 0.00	28.54 0.96 0.00	24.86 0.79 0.00	21.78 0.76 0.00	20.70 0.66 0.00	19.67 0.57 0.00
GILBOA____3 23758	19.89 0.58 0.00	18.01 0.56 0.00	17.99 0.51 -2.38	17.57 0.55 -2.63	17.18 0.55 -1.77	17.42 0.54 -2.74	16.72 0.49 -0.98	17.46 0.49 -1.55	17.35 0.50 -1.27	17.32 0.49 -1.16	17.55 0.53 0.00	17.92 0.52 0.00	19.12 0.48 0.00	20.16 0.55 0.00	20.22 0.55 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.54 1.00 0.00	28.54 0.96 0.00	24.86 0.79 0.00	21.78 0.76 0.00	20.70 0.66 0.00	19.67 0.57 0.00
GILBOA____4 23759	19.89 0.58 0.00	18.01 0.56 0.00	17.99 0.51 -2.38	17.57 0.55 -2.63	17.18 0.55 -1.77	17.42 0.54 -2.74	16.72 0.49 -0.98	17.46 0.49 -1.55	17.35 0.50 -1.27	17.32 0.49 -1.16	17.55 0.53 0.00	17.92 0.52 0.00	19.12 0.48 0.00	20.16 0.55 0.00	20.22 0.55 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.54 1.00 0.00	28.54 0.96 0.00	24.86 0.79 0.00	21.78 0.76 0.00	20.70 0.66 0.00	19.67 0.57 0.00
GILBOA____ 23599	19.89 0.58 0.00	18.01 0.56 0.00	17.99 0.51 -2.38	17.57 0.55 -2.63	17.18 0.55 -1.77	17.42 0.54 -2.74	16.70 0.47 -0.98	17.45 0.48 -1.55	17.35 0.50 -1.27	17.32 0.49 -1.16	17.55 0.53 0.00	17.92 0.52 0.00	19.12 0.48 0.00	20.16 0.55 0.00	20.26 0.59 0.00	21.67 0.67 0.00	26.26 0.84 0.00	28.55 0.91 0.00	29.54 1.00 0.00	28.54 0.97 0.00	24.86 0.79 0.00	21.73 0.71 0.00	20.66 0.62 0.00	19.68 0.57 0.00
GINNA____ 23603	18.42 -0.89 0.00	16.57 -0.89 0.00	14.68 -0.69 -0.27	14.06 -0.63 -0.30	14.43 -0.64 -0.20	13.85 -0.61 -0.31	14.63 -0.73 -0.11	14.89 -0.71 -0.18	14.92 -0.81 -0.14	14.95 -0.86 -0.13	16.10 -0.92 0.00	16.56 -0.83 0.00	17.89 -0.75 0.00	18.79 -0.82 0.00	18.94 -0.73 0.00	20.33 -0.67 0.00	24.48 -0.94 0.00	26.48 -1.16 0.00	27.26 -1.28 0.00	26.50 -1.08 0.00	23.37 -0.70 0.00	20.18 -0.84 0.00	19.18 -0.86 0.00	18.32 -0.78 0.00
GLEN PARK____ 23778	19.31 0.00 0.00	17.42 -0.03 0.00	15.10 -0.12 -0.12	14.46 -0.07 -0.14	14.87 -0.09 -0.14	14.23 -0.06 -0.14	15.36 0.06 -0.05	15.50 0.00 -0.08	15.64 -0.02 -0.07	15.66 -0.08 -0.06	16.90 -0.12 0.00	17.26 -0.14 0.00	18.62 -0.02 0.00	19.43 -0.18 0.00	19.59 -0.08 0.00	21.19 0.19 0.00	25.75 0.33 0.00	28.25 0.61 0.00	29.03 0.48 0.00	28.16 0.58 0.00	24.74 0.67 0.00	21.46 0.44 0.00	20.06 0.02 0.00	19.10 0.00 0.00

GLENDALE_27_KV_LOAD 356172	20.53 1.22 0.00	18.57 1.12 0.00	18.45 0.92 -2.43	17.91 0.83 -2.69	17.49 0.82 -1.80	17.72 0.78 -2.80	17.10 0.85 -1.00	17.95 0.96 -1.58	17.96 1.08 -1.29	18.00 1.14 -1.18	18.25 1.23 0.00	18.65 1.25 0.00	19.85 1.21 0.00	21.00 1.39 0.00	21.10 1.44 0.00	22.72 1.72 0.00	27.79 2.31 -0.06	30.02 2.38 0.00	30.97 2.43 0.00	29.89 2.32 0.00	25.80 1.73 0.00	22.68 1.66 0.00	21.54 1.50 0.00	20.46 1.36 0.00
GLENWOOD_IC_1_G5 23712	21.79 1.39 -1.09	18.78 1.31 -0.02	18.65 1.10 -2.45	18.03 0.95 -2.69	17.62 0.95 -1.80	17.88 0.93 -2.80	17.31 1.07 -1.00	18.88 1.13 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.51 1.36 -2.13	21.66 1.37 -2.89	23.21 1.40 -3.18	25.47 1.55 -4.31	29.79 1.59 -8.52	27.18 1.85 -4.33	28.29 2.16 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.01 2.29 -1.14	31.72 1.97 -5.68	27.26 1.83 -4.41	24.90 1.66 -3.20	23.16 1.51 -2.55
GLENWOOD_IC_2_G1 23688	21.68 1.27 -1.09	18.66 1.19 -0.02	18.56 1.01 -2.45	17.96 0.88 -2.69	17.54 0.88 -1.80	17.80 0.86 -2.80	17.25 1.01 -1.00	18.85 1.09 -2.33	20.01 1.12 -3.30	20.96 1.14 -4.14	20.39 1.24 -2.13	21.52 1.24 -2.89	23.06 1.25 -3.18	25.32 1.39 -4.31	29.57 1.38 -8.52	26.99 1.66 -4.33	28.24 2.11 -0.71	38.22 2.24 -8.34	33.60 2.34 -2.72	30.95 2.23 -1.14	31.53 1.78 -5.68	27.14 1.70 -4.41	24.80 1.56 -3.20	23.03 1.38 -2.55
GLENWOOD_IC_3_G1 23689	21.68 1.27 -1.09	18.66 1.19 -0.02	18.56 1.01 -2.45	17.96 0.88 -2.69	17.54 0.88 -1.80	17.80 0.86 -2.80	17.25 1.01 -1.00	18.85 1.09 -2.33	20.01 1.12 -3.30	20.96 1.14 -4.14	20.39 1.24 -2.13	21.52 1.24 -2.89	23.06 1.25 -3.18	25.32 1.39 -4.31	29.57 1.38 -8.52	26.99 1.66 -4.33	28.24 2.11 -0.71	38.22 2.24 -8.34	33.60 2.34 -2.72	30.95 2.23 -1.14	31.53 1.78 -5.68	27.14 1.70 -4.41	24.80 1.56 -3.20	23.03 1.38 -2.55
GLENWOOD___4 23550	21.79 1.39 -1.09	18.78 1.31 -0.02	18.65 1.10 -2.45	18.03 0.95 -2.69	17.62 0.95 -1.80	17.88 0.93 -2.80	17.31 1.07 -1.00	18.88 1.13 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.51 1.36 -2.13	21.66 1.37 -2.89	23.21 1.40 -3.18	25.47 1.55 -4.31	29.79 1.59 -8.52	27.18 1.85 -4.33	28.37 2.24 -0.71	38.36 2.38 -8.34	33.75 2.48 -2.72	31.09 2.37 -1.14	31.72 1.97 -5.68	27.26 1.83 -4.41	24.90 1.66 -3.20	23.16 1.51 -2.55
GLENWOOD___5 23614	21.79 1.39 -1.09	18.78 1.31 -0.02	18.65 1.10 -2.45	18.03 0.95 -2.69	17.62 0.95 -1.80	17.88 0.93 -2.80	17.31 1.07 -1.00	18.88 1.13 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.51 1.36 -2.13	21.66 1.37 -2.89	23.21 1.40 -3.18	25.47 1.55 -4.31	29.79 1.59 -8.52	27.18 1.85 -4.33	28.37 2.24 -0.71	38.36 2.38 -8.34	33.75 2.48 -2.72	31.09 2.37 -1.14	31.72 1.97 -5.68	27.26 1.83 -4.41	24.90 1.66 -3.20	23.16 1.51 -2.55
GLOBAL GREEN_PORT_GT1 23814	23.11 2.70 -1.09	19.97 2.50 -0.02	19.68 2.13 -2.45	18.88 1.80 -2.69	18.47 1.80 -1.80	18.74 1.80 -2.80	18.37 2.12 -1.00	20.02 2.27 -2.33	21.13 2.25 -3.30	22.08 2.26 -4.14	21.53 2.38 -2.13	22.72 2.44 -2.89	24.40 2.59 -3.18	26.84 2.92 -4.31	31.29 3.09 -8.53	31.33 3.51 -6.82	34.95 4.50 -5.03	40.94 4.95 -8.35	36.46 5.14 -2.78	35.21 4.88 -2.75	33.84 3.97 -5.80	32.87 3.57 -8.27	26.62 3.39 -3.20	24.70 3.06 -2.55
GLOBE___DSASP 323697	18.69 -0.62 0.00	16.74 -0.72 0.00	14.97 -0.48 -0.35	14.43 -0.35 -0.39	14.77 -0.36 -0.26	14.22 -0.33 -0.40	14.93 -0.46 -0.14	15.08 -0.57 -0.23	14.81 -0.97 -0.19	14.77 -1.08 -0.17	16.00 -1.02 0.00	16.47 -0.92 0.00	17.86 -0.78 0.00	18.67 -0.94 0.00	18.94 -0.73 0.00	20.31 -0.69 0.00	24.12 -1.30 0.00	26.01 -1.63 0.00	26.66 -1.88 0.00	26.01 -1.57 0.00	22.99 -1.08 0.00	20.01 -1.01 0.00	19.04 -1.00 0.00	18.28 -0.82 0.00
GOETHSLN___LBMP 323567	15.18 1.04 5.18	14.48 0.98 3.96	14.26 0.80 1.64	14.42 0.72 0.69	11.40 0.70 4.16	11.70 0.69 3.13	12.17 0.79 3.87	15.88 0.86 0.40	16.50 0.98 0.08	17.53 1.03 -0.81	18.09 1.11 0.04	18.49 1.10 0.00	19.15 1.08 0.57	19.08 1.24 1.76	19.85 1.26 1.08	21.57 1.53 0.96	21.59 2.01 5.83	21.91 2.07 7.81	21.57 2.14 9.11	21.60 2.04 8.02	20.39 1.54 5.22	21.04 1.47 1.45	21.36 1.32 0.00	18.42 1.17 1.85
GOLAH___69_KV_TB 1_2 80279	19.33 0.02 0.00	17.39 -0.07 0.00	15.43 0.05 -0.28	14.81 0.10 -0.31	15.19 0.12 -0.21	14.56 0.08 -0.33	15.43 0.06 -0.12	15.60 0.00 -0.18	15.57 -0.17 -0.15	15.57 -0.25 -0.14	16.78 -0.24 0.00	17.24 -0.16 0.00	18.68 0.04 0.00	19.61 0.00 0.00	19.83 0.16 0.00	21.25 0.25 0.00	25.42 0.00 0.00	27.53 -0.11 0.00	28.29 -0.26 0.00	27.52 -0.06 0.00	24.29 0.22 0.00	21.00 -0.02 0.00	19.98 -0.06 0.00	19.14 0.04 0.00
GOODYEAR_LAKE_HYD 323669	20.12 0.81 0.00	18.17 0.72 0.00	16.10 0.57 -0.42	15.45 0.59 -0.47	15.76 0.58 -0.31	15.21 0.58 -0.49	16.05 0.63 -0.17	16.31 0.62 -0.27	16.45 0.64 -0.22	16.51 0.63 -0.21	17.72 0.70 0.00	18.11 0.71 0.00	19.46 0.82 0.00	20.51 0.90 0.00	20.67 1.00 0.00	22.20 1.20 0.00	26.87 1.45 0.00	29.27 1.63 0.00	30.17 1.63 0.00	29.18 1.60 0.00	25.51 1.44 0.00	22.24 1.22 0.00	21.00 0.96 0.00	19.96 0.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.51 0.19 0.00	17.61 0.16 0.00	15.89 0.08 -0.71	15.29 0.12 -0.79	15.51 0.12 -0.53	15.10 0.14 -0.82	15.68 0.14 -0.29	16.02 0.14 -0.46	16.06 0.09 -0.38	16.07 0.05 -0.35	17.19 0.17 0.00	17.60 0.21 0.00	18.94 0.30 0.00	19.92 0.31 0.00	20.04 0.37 0.00	21.53 0.53 0.00	25.98 0.56 0.00	28.22 0.58 0.00	29.11 0.57 0.00	28.16 0.58 0.00	24.70 0.63 0.00	21.48 0.46 0.00	20.36 0.32 0.00	19.41 0.31 0.00
GOUDEY___7 23579	19.52 0.21 0.00	17.61 0.16 0.00	15.90 0.09 -0.71	15.29 0.12 -0.79	15.52 0.13 -0.53	15.10 0.14 -0.82	15.69 0.15 -0.29	16.02 0.14 -0.46	16.08 0.11 -0.38	16.09 0.06 -0.35	17.21 0.19 0.00	17.62 0.23 0.00	18.95 0.32 0.00	19.94 0.33 0.00	20.08 0.41 0.00	21.55 0.55 0.00	26.03 0.61 0.00	28.25 0.61 0.00	29.14 0.60 0.00	28.18 0.61 0.00	24.72 0.65 0.00	21.50 0.48 0.00	20.38 0.34 0.00	19.43 0.32 0.00
GOUDEY___8 23580	19.51 0.19 0.00	17.61 0.16 0.00	15.89 0.08 -0.71	15.29 0.12 -0.79	15.51 0.12 -0.53	15.10 0.14 -0.82	15.68 0.14 -0.29	16.02 0.14 -0.46	16.06 0.09 -0.38	16.07 0.05 -0.35	17.19 0.17 0.00	17.60 0.21 0.00	18.94 0.30 0.00	19.92 0.31 0.00	20.04 0.37 0.00	21.53 0.53 0.00	25.98 0.56 0.00	28.22 0.58 0.00	29.11 0.57 0.00	28.16 0.58 0.00	24.70 0.63 0.00	21.48 0.46 0.00	20.36 0.32 0.00	19.41 0.31 0.00
GOWANUS_GT1_1 24077	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00

GOWANUS_GT1_2 24078	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_3 24079	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_4 24080	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_5 24084	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_6 24111	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_7 24112	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT1_8 24113	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GOWANUS_GT2_1 24114	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1																	

[illegible]

GOWANUS_GT4_8 24137	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GREENBSH_115KV_TB3 55895	19.72 0.41 0.00	17.91 0.45 0.00	18.56 0.35 -3.11	18.19 0.36 -3.44	17.56 0.39 -2.31	18.10 0.37 -3.59	17.00 0.47 -1.28	17.91 0.46 -2.02	17.62 0.37 -1.66	17.55 0.36 -1.51	17.41 0.39 0.00	17.78 0.38 0.00	18.97 0.34 0.00	20.04 0.43 0.00	20.18 0.51 0.00	21.57 0.57 0.00	26.02 0.66 0.06	28.36 0.72 0.00	29.40 0.86 0.00	28.43 0.85 0.00	24.74 0.67 0.00	21.65 0.63 0.00	20.60 0.56 0.00	19.64 0.53 0.00
GREENDGE_115KV_TB5 80291	19.49 0.17 0.00	17.54 0.09 0.00	15.60 0.06 -0.44	14.97 0.09 -0.49	15.31 0.12 -0.33	14.79 0.14 -0.51	15.61 0.18 -0.18	15.88 0.17 -0.29	15.92 0.09 -0.24	15.93 0.03 -0.21	17.16 0.14 0.00	17.62 0.23 0.00	19.03 0.39 0.00	19.98 0.37 0.00	20.18 0.51 0.00	21.74 0.74 0.00	26.21 0.79 0.00	28.47 0.83 0.00	29.31 0.77 0.00	28.38 0.80 0.00	24.96 0.89 0.00	21.59 0.57 0.00	20.40 0.36 0.00	19.46 0.36 0.00
GREENIDGE___3 23582	19.49 0.17 0.00	17.54 0.09 0.00	15.60 0.06 -0.44	14.97 0.09 -0.49	15.31 0.12 -0.33	14.79 0.14 -0.51	15.61 0.18 -0.18	15.88 0.17 -0.29	15.92 0.09 -0.24	15.93 0.03 -0.21	17.16 0.14 0.00	17.62 0.23 0.00	19.03 0.39 0.00	19.98 0.37 0.00	20.18 0.51 0.00	21.74 0.74 0.00	26.21 0.79 0.00	28.47 0.83 0.00	29.31 0.77 0.00	28.38 0.80 0.00	24.96 0.89 0.00	21.59 0.57 0.00	20.40 0.36 0.00	19.46 0.36 0.00
GREENIDGE___4 23583	19.49 0.17 0.00	17.56 0.11 0.00	15.60 0.06 -0.44	14.97 0.09 -0.49	15.31 0.12 -0.33	14.79 0.14 -0.51	15.66 0.23 -0.18	15.85 0.14 -0.29	15.92 0.09 -0.24	15.93 0.03 -0.21	17.16 0.14 0.00	17.62 0.23 0.00	19.03 0.39 0.00	19.98 0.37 0.00	20.14 0.47 0.00	21.74 0.73 0.00	26.23 0.81 0.00	28.47 0.83 0.00	29.31 0.77 0.00	28.38 0.80 0.00	25.01 0.94 0.00	21.61 0.59 0.00	20.42 0.38 0.00	19.46 0.36 0.00
GREENLWN_69_KV_BK 3 55738	22.09 1.68 -1.10	19.05 1.57 -0.02	18.88 1.33 -2.45	18.20 1.12 -2.69	17.78 1.11 -1.80	18.06 1.12 -2.80	17.54 1.30 -1.00	19.11 1.36 -2.34	20.33 1.43 -3.30	21.28 1.46 -4.15	20.63 1.48 -2.13	21.78 1.50 -2.89	23.34 1.53 -3.18	25.61 1.69 -4.31	29.76 1.57 -8.52	26.78 2.00 -3.78	27.74 2.57 0.25	38.49 2.52 -8.34	33.93 2.68 -2.70	31.09 2.73 -0.78	31.86 2.14 -5.65	26.55 1.98 -3.56	25.14 1.90 -3.20	23.39 1.74 -2.55
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00
GRISSOM___SOLAR 323813	21.05 1.74 0.00	18.96 1.50 0.00	20.11 1.31 -3.70	19.74 1.27 -4.08	18.92 1.31 -2.74	19.67 1.27 -4.26	18.17 1.40 -1.52	19.16 1.34 -2.40	18.82 1.26 -1.97	18.68 1.21 -1.79	18.25 1.23 0.00	18.66 1.27 0.00	19.94 1.30 0.00	21.23 1.63 0.00	21.68 2.01 0.00	23.46 2.46 0.00	28.70 3.33 0.05	31.35 3.71 0.00	32.57 4.03 0.00	31.63 4.06 0.00	27.49 3.42 0.00	23.65 2.63 0.00	22.22 2.18 0.00	21.07 1.97 0.00
GROVEVILLE___HYD 323602	20.49 1.18 0.00	18.54 1.08 0.00	18.45 0.91 -2.44	17.90 0.81 -2.70	17.49 0.82 -1.81	17.75 0.79 -2.81	17.11 0.85 -1.00	17.88 0.88 -1.59	17.81 0.92 -1.30	17.81 0.94 -1.18	18.03 1.00 0.00	18.39 0.99 0.00	19.63 0.99 0.00	20.73 1.12 0.00	20.83 1.16 0.00	22.37 1.37 0.00	27.24 1.78 -0.05	29.55 1.91 0.00	30.63 2.08 0.00	29.59 2.01 0.00	25.68 1.61 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.32 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
HAMLTNNY_34_KV_TB 80303	19.31 0.00 0.00	17.44 -0.02 0.00	15.35 0.00 -0.25	14.68 0.01 -0.28	15.08 0.03 -0.19	14.47 0.04 -0.29	15.40 0.05 -0.10	15.63 0.05 -0.16	15.72 0.00 -0.13	15.77 -0.03 -0.12	17.02 0.00 0.00	17.45 0.05 0.00	18.79 0.15 0.00	19.75 0.14 0.00	19.81 0.14 0.00	21.25 0.25 0.00	25.70 0.28 0.00	27.92 0.28 0.00	28.80 0.26 0.00	27.88 0.30 0.00	24.43 0.36 0.00	21.25 0.23 0.00	20.20 0.16 0.00	19.24 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.08 -0.20 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.84 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.20 0.00	19.18 -0.43 0.00	19.29 -0.37 0.00	20.69 -0.31 0.00	25.12 -0.30 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.77 -0.25 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	19.51 0.19 0.00	17.61 0.16 0.00	15.21 0.11 0.00	14.51 0.11 0.00	14.97 0.10 0.00	14.24 0.10 0.00	15.37 0.12 0.00	15.54 0.12 0.00	15.71 0.12 0.00	15.79 0.11 0.00	17.14 0.12 0.00	17.52 0.12 0.00	18.79 0.15 0.00	19.76 0.16 0.00	19.82 0.16 0.00	21.21 0.21 0.00	25.67 0.25 0.00	27.95 0.30 0.00	28.80 0.26 0.00	27.80 0.22 0.00	24.26 0.19 0.00	21.17 0.15 0.00	20.10 0.06 0.00	19.14 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.34 1.02 0.00	18.40 0.94 0.00	18.14 0.80 -2.24	17.59 0.72 -2.47	17.25 0.73 -1.66	17.43 0.71 -2.58	16.95 0.78 -0.92	17.68 0.80 -1.45	17.64 0.86 -1.19	17.64 0.88 -1.09	17.96 0.94 0.00	18.32 0.92 0.00	19.55 0.91 0.00	20.67 1.06 0.00	20.77 1.10 0.00	22.30 1.30 0.00	27.15 1.68 -0.05	29.47 1.82 0.00	30.48 1.94 0.00	29.43 1.85 0.00	25.56 1.49 0.00	22.39 1.37 0.00	21.24 1.20 0.00	20.19 1.09 0.00
HARSNRAD_115KV_TB1 81005	18.93 -0.39 0.00	16.95 -0.51 0.00	15.03 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.26	14.27 -0.27 -0.40	15.07 -0.32 -0.14	15.27 -0.37 -0.22	15.10 -0.67 -0.18	15.06 -0.78 -0.17	16.39 -0.63 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.41 -0.26 0.00	20.83 -0.17 0.00	24.76 -0.66 0.00	26.70 -0.94 0.00	27.37 -1.17 0.00	26.70 -0.88 0.00	23.59 -0.48 0.00	20.49 -0.53 0.00	19.48 -0.56 0.00	18.70 -0.40 0.00

HARZA MOOSE___RIVER 24016	19.47 0.15 0.00	17.58 0.12 0.00	15.23 0.05 -0.09	14.56 0.07 -0.09	14.99 0.06 -0.06	14.31 0.07 -0.10	15.44 0.15 -0.04	15.60 0.12 -0.06	15.76 0.12 -0.05	15.82 0.09 -0.04	17.11 0.09 0.00	17.46 0.07 0.00	18.79 0.15 0.00	19.63 0.02 0.00	19.77 0.10 0.00	21.34 0.34 0.00	25.83 0.41 0.00	28.22 0.58 0.00	29.03 0.49 0.00	28.10 0.52 0.00	24.62 0.55 0.00	21.42 0.40 0.00	20.14 0.10 0.00	19.18 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.20 -0.12 0.00	17.33 -0.12 0.00	15.22 -0.09 -0.21	14.55 -0.07 -0.23	14.96 -0.06 -0.16	14.34 -0.04 -0.24	15.29 -0.05 -0.09	15.51 -0.05 -0.14	15.61 -0.09 -0.11	15.67 -0.11 -0.10	16.92 -0.10 0.00	17.33 -0.07 0.00	18.64 0.00 0.00	19.61 0.00 0.00	19.65 -0.02 0.00	21.07 0.06 0.00	25.47 0.05 0.00	27.67 0.03 0.00	28.57 0.03 0.00	27.63 0.06 0.00	24.21 0.14 0.00	21.06 0.04 0.00	20.06 0.02 0.00	19.10 0.00 0.00
HELLGATE_13_KV_LD 55870	20.45 1.14 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.74 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.76 1.12 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.67 2.19 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.46 1.42 0.00	20.40 1.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.45 1.14 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.74 -2.80	17.04 0.79 -1.00	17.88 0.88 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.76 1.12 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.67 2.19 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.46 1.42 0.00	20.40 1.30 0.00
HEMPSTEAD____ 23647	21.83 1.43 -1.09	18.82 1.34 -0.02	18.68 1.13 -2.45	18.03 0.95 -2.69	17.61 0.94 -1.80	17.89 0.95 -2.80	17.38 1.13 -1.00	18.97 1.22 -2.33	20.14 1.25 -3.30	21.11 1.29 -4.14	20.49 1.34 -2.13	21.64 1.36 -2.89	23.19 1.38 -3.18	25.45 1.53 -4.31	29.71 1.51 -8.52	27.14 1.81 -4.33	28.42 2.29 -0.71	38.42 2.43 -8.34	33.80 2.54 -2.72	31.14 2.43 -1.14	31.68 1.93 -5.68	27.29 1.85 -4.41	24.98 1.74 -3.20	23.18 1.53 -2.55
HEWLETT__69_KV_BK3 55828	22.02 1.62 -1.09	18.99 1.52 -0.02	18.84 1.30 -2.45	18.17 1.09 -2.69	17.75 1.09 -1.80	18.02 1.07 -2.80	17.50 1.25 -1.00	19.06 1.31 -2.33	20.27 1.39 -3.30	21.25 1.43 -4.14	20.61 1.46 -2.13	21.76 1.48 -2.89	23.31 1.49 -3.18	25.57 1.65 -4.31	29.88 1.69 -8.52	27.27 1.93 -4.33	28.65 2.52 -0.71	38.66 2.68 -8.34	34.06 2.80 -2.72	31.39 2.68 -1.14	31.87 2.12 -5.68	27.37 1.93 -4.41	25.02 1.78 -3.20	23.31 1.66 -2.55
HICKLING___1 23621	19.47 0.15 0.00	17.54 0.09 0.00	15.65 -0.02 -0.56	15.04 0.03 -0.62	15.33 0.04 -0.42	14.88 0.08 -0.65	15.57 0.09 -0.23	15.86 0.08 -0.37	15.87 -0.02 -0.30	15.87 -0.08 -0.27	17.18 0.15 0.00	17.64 0.24 0.00	19.05 0.41 0.00	20.00 0.39 0.00	20.22 0.55 0.00	21.76 0.76 0.00	26.18 0.76 0.00	28.39 0.75 0.00	29.23 0.69 0.00	28.27 0.69 0.00	24.91 0.84 0.00	21.57 0.55 0.00	20.36 0.32 0.00	19.45 0.34 0.00
HICKLING___2 23622	19.47 0.15 0.00	17.54 0.09 0.00	15.65 -0.02 -0.56	15.04 0.03 -0.62	15.33 0.04 -0.42	14.88 0.08 -0.65	15.57 0.09 -0.23	15.86 0.08 -0.37	15.87 -0.02 -0.30	15.87 -0.08 -0.27	17.18 0.15 0.00	17.64 0.24 0.00	19.05 0.41 0.00	20.00 0.39 0.00	20.22 0.55 0.00	21.76 0.76 0.00	26.18 0.76 0.00	28.39 0.75 0.00	29.23 0.69 0.00	28.27 0.69 0.00	24.91 0.84 0.00	21.57 0.55 0.00	20.36 0.32 0.00	19.45 0.34 0.00
HIGH FALLS___HY 23754	20.45 1.14 0.00	18.47 1.01 0.00	18.35 0.85 -2.40	17.79 0.75 -2.65	17.40 0.76 -1.78	17.64 0.74 -2.77	17.00 0.76 -0.99	17.78 0.80 -1.56	17.72 0.86 -1.28	17.69 0.85 -1.17	17.89 0.87 0.00	18.23 0.83 0.00	19.46 0.82 0.00	20.55 0.94 0.00	20.63 0.96 0.00	22.22 1.22 0.00	27.12 1.68 -0.02	29.47 1.82 0.00	30.48 1.94 0.00	29.45 1.88 0.00	25.56 1.49 0.00	22.45 1.43 0.00	21.28 1.24 0.00	20.21 1.11 0.00
HILLBURN___GT 23639	20.32 1.00 0.00	18.40 0.94 0.00	18.18 0.80 -2.28	17.63 0.72 -2.52	17.27 0.71 -1.69	17.47 0.71 -2.63	17.01 0.82 -0.94	17.78 0.88 -1.48	17.70 0.90 -1.21	17.71 0.92 -1.11	18.01 0.99 0.00	18.39 0.99 0.00	19.63 0.99 0.00	20.73 1.12 0.00	20.77 1.10 0.00	22.37 1.36 0.00	27.20 1.73 -0.05	29.52 1.88 0.00	30.51 1.97 0.00	29.45 1.88 0.00	25.54 1.47 0.00	22.45 1.43 0.00	21.32 1.28 0.00	20.21 1.11 0.00
HILLSIDE_115KV_TB1 80332	19.25 -0.06 0.00	17.35 -0.10 0.00	15.48 -0.20 -0.58	14.89 -0.14 -0.64	15.16 -0.13 -0.43	14.71 -0.10 -0.67	15.38 -0.11 -0.24	15.67 -0.12 -0.38	15.71 -0.19 -0.31	15.70 -0.27 -0.28	16.99 -0.03 0.00	17.41 0.02 0.00	18.79 0.15 0.00	19.73 0.12 0.00	19.92 0.26 0.00	21.40 0.40 0.00	25.78 0.36 0.00	27.95 0.30 0.00	28.77 0.23 0.00	27.83 0.25 0.00	24.48 0.41 0.00	21.23 0.21 0.00	20.08 0.04 0.00	19.18 0.08 0.00
HISHELDN_WT_PWR 323625	19.08 -0.23 0.00	17.12 -0.33 0.00	15.13 -0.38 -0.41	14.57 -0.27 -0.45	14.88 -0.28 -0.30	14.37 -0.24 -0.47	15.26 -0.15 -0.17	15.28 -0.40 -0.26	15.26 -0.55 -0.22	15.25 -0.63 -0.20	16.66 -0.36 0.00	17.13 -0.26 0.00	18.55 -0.09 0.00	19.41 -0.20 0.00	19.61 -0.06 0.00	21.13 0.13 0.00	25.27 -0.15 0.00	27.20 -0.44 0.00	27.94 -0.60 0.00	27.16 -0.41 0.00	24.02 -0.05 0.00	20.79 -0.23 0.00	19.74 -0.30 0.00	18.87 -0.23 0.00
HOLTSVILLE_IC_1 23690	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55
HOLTSVILLE_IC_10 23699	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.26 1.32 -2.80	17.82 1.57 -1.00	19.43 1.68 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.29 2.08 -8.54	30.37 2.41 -6.96	33.76 3.07 -5.27	39.31 3.32 -8.35	34.78 3.45 -2.78	33.72 3.31 -2.84	32.53 2.65 -5.81	31.94 2.44 -8.48	25.66 2.42 -3.20	23.81 2.16 -2.55
HOLTSVILLE_IC_2 23691	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55

HOLTSVILLE_IC_3 23692	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55
HOLTSVILLE_IC_4 23693	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55
HOLTSVILLE_IC_5 23694	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55
HOLTSVILLE_IC_6 23695	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.26 1.32 -2.80	17.82 1.57 -1.00	19.43 1.68 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.29 2.08 -8.54	30.37 2.41 -6.96	33.76 3.07 -5.27	39.31 3.32 -8.35	34.78 3.45 -2.78	33.72 3.31 -2.84	32.53 2.65 -5.81	31.94 2.44 -8.48	25.66 2.42 -3.20	23.81 2.16 -2.55
HOLTSVILLE_IC_7 23696	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.26 1.32 -2.80	17.82 1.57 -1.00	19.43 1.68 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.29 2.08 -8.54	30.37 2.41 -6.96	33.76 3.07 -5.27	39.31 3.32 -8.35	34.78 3.45 -2.78	33.72 3.31 -2.84	32.53 2.65 -5.81	31.94 2.44 -8.48	25.66 2.42 -3.20	23.81 2.16 -2.55
HOLTSVILLE_IC_8 23697	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.26 1.32 -2.80	17.82 1.57 -1.00	19.43 1.68 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.29 2.08 -8.54	30.37 2.41 -6.96	33.76 3.07 -5.27	39.31 3.32 -8.35	34.78 3.45 -2.78	33.72 3.31 -2.84	32.53 2.65 -5.81	31.94 2.44 -8.48	25.66 2.42 -3.20	23.81 2.16 -2.55
HOLTSVILLE_IC_9 23698	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.26 1.32 -2.80	17.82 1.57 -1.00	19.43 1.68 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.29 2.08 -8.54	30.37 2.41 -6.96	33.76 3.07 -5.27	39.31 3.32 -8.35	34.78 3.45 -2.78	33.72 3.31 -2.84	32.53 2.65 -5.81	31.94 2.44 -8.48	25.66 2.42 -3.20	23.81 2.16 -2.55
HOMER_HL_115KV_TB2 355744	19.22 -0.10 0.00	17.25 -0.21 0.00	14.88 -0.65 -0.43	14.30 -0.56 -0.47	14.60 -0.58 -0.32	14.12 -0.51 -0.49	14.89 -0.53 -0.18	15.13 -0.57 -0.28	15.13 -0.69 -0.23	15.10 -0.78 -0.21	16.97 -0.05 0.00	17.43 0.03 0.00	18.84 0.21 0.00	19.73 0.12 0.00	20.02 0.35 0.00	21.51 0.50 0.00	25.67 0.25 0.00	27.73 0.08 0.00	28.49 -0.06 0.00	27.61 0.03 0.00	24.33 0.26 0.00	21.08 0.06 0.00	19.94 -0.10 0.00	19.12 0.02 0.00
HOWARD_WT_PWR 323690	19.56 0.25 0.00	17.58 0.12 0.00	15.55 -0.02 -0.47	14.94 0.03 -0.52	15.26 0.04 -0.35	14.78 0.10 -0.54	15.72 0.27 -0.19	15.79 0.06 -0.31	15.82 -0.02 -0.25	15.86 -0.05 -0.23	17.28 0.26 0.00	17.74 0.35 0.00	19.18 0.54 0.00	20.12 0.51 0.00	20.32 0.65 0.00	21.90 0.90 0.00	26.33 0.91 0.00	28.47 0.83 0.00	29.28 0.74 0.00	28.38 0.80 0.00	25.06 0.99 0.00	21.61 0.59 0.00	20.40 0.36 0.00	19.45 0.34 0.00
HQ_GEN_CEDARS 23644	19.10 -0.21 0.00	17.33 -0.12 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.73 -0.13 0.00	13.99 -0.16 0.00	15.10 -0.15 0.00	15.27 -0.15 0.00	15.49 -0.09 0.00	15.63 -0.05 0.00	16.95 -0.07 0.00	17.29 -0.10 0.00	18.54 -0.09 0.00	19.29 -0.31 0.00	19.35 -0.31 0.00	20.56 -0.44 0.00	24.94 -0.48 0.00	27.12 -0.53 0.00	27.92 -0.63 0.00	26.94 -0.63 0.00	23.49 -0.58 0.00	20.52 -0.50 0.00	19.56 -0.48 0.00	18.83 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	19.10 -0.21 0.00	17.33 -0.12 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.73 -0.13 0.00	13.99 -0.16 0.00	15.08 -0.17 0.00	15.27 -0.15 0.00	15.50 -0.09 0.00	15.63 -0.05 0.00	16.95 -0.07 0.00	17.29 -0.10 0.00	18.55 -0.09 0.00	19.29 -0.31 0.00	19.35 -0.32 0.00	20.56 -0.44 0.00	24.91 -0.51 0.00	27.12 -0.53 0.00	27.91 -0.63 0.00	26.94 -0.63 0.00	23.47 -0.60 0.00	20.47 -0.55 0.00	19.56 -0.48 0.00	18.83 -0.27 0.00
HQ_GEN_IMPORT 323601	19.12 -0.19 0.00	17.28 -0.17 0.00	14.95 -0.15 0.00	14.23 -0.16 0.00	14.70 -0.16 0.00	13.97 -0.17 0.00	15.07 -0.18 0.00	15.25 -0.17 0.00	15.43 -0.16 0.00	15.54 -0.14 0.00	16.87 -0.15 0.00	17.22 -0.17 0.00	18.45 -0.19 0.00	19.37 -0.23 0.00	19.43 -0.24 0.00	20.64 -0.36 0.00	24.99 -0.43 0.00	27.20 -0.44 0.00	28.03 -0.51 0.00	27.05 -0.52 0.00	23.59 -0.48 0.00	20.60 -0.42 0.00	19.72 -0.32 0.00	18.82 -0.29 0.00
HQ_GEN_WHEEL 23651	19.12 -0.19 0.00	17.28 -0.17 0.00	14.95 -0.15 0.00	14.23 -0.16 0.00	14.70 -0.16 0.00	13.97 -0.17 0.00	15.07 -0.18 0.00	15.25 -0.17 0.00	15.43 -0.16 0.00	15.54 -0.14 0.00	16.87 -0.15 0.00	17.22 -0.17 0.00	18.45 -0.19 0.00	19.37 -0.23 0.00	19.43 -0.24 0.00	20.64 -0.36 0.00	24.99 -0.43 0.00	27.20 -0.44 0.00	28.03 -0.51 0.00	27.05 -0.52 0.00	23.59 -0.48 0.00	20.60 -0.42 0.00	19.72 -0.32 0.00	18.82 -0.29 0.00
HUDSON_AVE_GT_3 23810	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00
HUDSON_AVE_GT_4 23540	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00

HUDSON AVE_GT_5 23657	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00
HUDSON_AVE_10 24168	20.43 1.12 0.00	18.49 1.03 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.68 0.74 -2.80	17.07 0.82 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.15 1.12 0.00	18.53 1.13 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.58 1.58 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.68 1.61 0.00	22.55 1.53 0.00	21.44 1.40 0.00	20.34 1.24 0.00
HUDSON___115KV_TB 4 355613	20.08 0.77 0.00	18.21 0.75 0.00	18.69 0.57 -3.02	18.29 0.56 -3.34	17.70 0.59 -2.24	18.19 0.57 -3.48	17.18 0.69 -1.24	18.05 0.66 -1.96	17.74 0.55 -1.61	17.66 0.52 -1.47	17.60 0.58 0.00	17.95 0.56 0.00	19.18 0.54 0.00	20.27 0.67 0.00	20.49 0.83 0.00	21.95 0.95 0.00	26.67 1.30 0.05	29.02 1.38 0.00	30.14 1.60 0.00	29.15 1.57 0.00	25.37 1.30 0.00	22.11 1.09 0.00	21.00 0.96 0.00	20.00 0.90 0.00
HUNTER MOUNT___DRP 323613	20.20 0.89 0.00	18.29 0.84 0.00	18.62 0.60 -2.92	18.20 0.58 -3.23	17.67 0.64 -2.17	18.11 0.61 -3.36	17.17 0.72 -1.20	18.01 0.69 -1.90	17.66 0.51 -1.55	17.58 0.49 -1.42	17.60 0.58 0.00	17.95 0.56 0.00	19.16 0.52 0.00	20.26 0.65 0.00	20.51 0.85 0.00	21.97 0.97 0.00	26.81 1.42 0.03	29.14 1.49 0.00	30.28 1.74 0.00	29.29 1.71 0.00	25.49 1.42 0.00	22.20 1.18 0.00	21.08 1.04 0.00	20.08 0.97 0.00
HUNTINGTON_RES_REC 323705	22.20 1.80 -1.09	19.15 1.68 -0.02	18.99 1.44 -2.45	18.27 1.19 -2.69	17.86 1.19 -1.80	18.14 1.20 -2.80	17.68 1.43 -1.00	19.28 1.53 -2.34	20.43 1.54 -3.30	21.38 1.55 -4.14	20.71 1.57 -2.13	21.87 1.58 -2.89	23.46 1.64 -3.18	25.77 1.84 -4.31	29.95 1.77 -8.51	25.72 2.20 -2.52	25.76 2.80 2.46	38.84 2.87 -8.33	34.24 3.02 -2.67	30.54 3.01 0.05	31.99 2.33 -5.58	24.83 2.23 -1.58	25.40 2.16 -3.20	23.58 1.93 -2.55
HUNTLEY___63 23557	19.08 -0.23 0.00	17.09 -0.37 0.00	15.17 -0.29 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.17 -0.23 -0.15	15.33 -0.32 -0.23	15.14 -0.64 -0.19	15.13 -0.72 -0.17	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.55 -0.12 0.00	20.96 -0.04 0.00	24.91 -0.51 0.00	26.84 -0.80 0.00	27.54 -1.00 0.00	26.83 -0.74 0.00	23.71 -0.36 0.00	20.60 -0.42 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
HUNTLEY___64 23558	19.08 -0.23 0.00	17.09 -0.37 0.00	15.17 -0.29 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.17 -0.23 -0.15	15.33 -0.32 -0.23	15.14 -0.64 -0.19	15.13 -0.72 -0.17	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.55 -0.12 0.00	20.96 -0.04 0.00	24.91 -0.51 0.00	26.84 -0.80 0.00	27.54 -1.00 0.00	26.83 -0.74 0.00	23.71 -0.36 0.00	20.60 -0.42 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
HUNTLEY___65 23559	19.08 -0.23 0.00	17.09 -0.37 0.00	15.17 -0.29 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.17 -0.23 -0.15	15.33 -0.32 -0.23	15.14 -0.64 -0.19	15.13 -0.72 -0.17	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.55 -0.12 0.00	20.96 -0.04 0.00	24.91 -0.51 0.00	26.84 -0.80 0.00	27.54 -1.00 0.00	26.83 -0.74 0.00	23.71 -0.36 0.00	20.60 -0.42 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
HUNTLEY___66 23560	19.08 -0.23 0.00	17.09 -0.37 0.00	15.17 -0.29 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.17 -0.23 -0.15	15.33 -0.32 -0.23	15.14 -0.64 -0.19	15.13 -0.72 -0.17	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.55 -0.12 0.00	20.96 -0.04 0.00	24.91 -0.51 0.00	26.84 -0.80 0.00	27.54 -1.00 0.00	26.83 -0.74 0.00	23.71 -0.36 0.00	20.60 -0.42 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
HUNTLEY___67 23561	18.96 -0.35 0.00	16.98 -0.47 0.00	15.05 -0.41 -0.36	14.51 -0.29 -0.40	14.84 -0.30 -0.27	14.29 -0.27 -0.42	15.08 -0.32 -0.15	15.27 -0.39 -0.24	15.13 -0.65 -0.19	15.10 -0.75 -0.18	16.46 -0.56 0.00	16.94 -0.45 0.00	18.36 -0.28 0.00	19.20 -0.41 0.00	19.47 -0.20 0.00	20.90 -0.11 0.00	24.83 -0.58 0.00	26.81 -0.83 0.00	27.49 -1.06 0.00	26.78 -0.80 0.00	23.64 -0.43 0.00	20.56 -0.46 0.00	19.54 -0.50 0.00	18.74 -0.36 0.00
HUNTLEY___68 23562	18.96 -0.35 0.00	16.98 -0.47 0.00	15.05 -0.41 -0.36	14.51 -0.29 -0.40	14.84 -0.30 -0.27	14.29 -0.27 -0.42	15.08 -0.32 -0.15	15.27 -0.39 -0.24	15.13 -0.65 -0.19	15.10 -0.75 -0.18	16.46 -0.56 0.00	16.94 -0.45 0.00	18.36 -0.28 0.00	19.20 -0.41 0.00	19.47 -0.20 0.00	20.90 -0.11 0.00	24.83 -0.58 0.00	26.81 -0.83 0.00	27.49 -1.06 0.00	26.78 -0.80 0.00	23.64 -0.43 0.00	20.56 -0.46 0.00	19.54 -0.50 0.00	18.74 -0.36 0.00
HYLAND___LFGE 323620	20.20 0.89 0.00	18.14 0.68 0.00	16.05 0.56 -0.39	15.37 0.55 -0.43	15.76 0.61 -0.29	15.17 0.58 -0.45	16.10 0.69 -0.16	16.29 0.62 -0.25	16.25 0.45 -0.21	16.11 0.24 -0.19	17.33 0.31 0.00	17.78 0.38 0.00	19.25 0.61 0.00	20.20 0.59 0.00	20.43 0.77 0.00	22.16 1.15 0.00	26.84 1.42 0.00	29.33 1.69 0.00	30.28 1.74 0.00	29.51 1.93 0.00	26.16 2.09 0.00	22.41 1.39 0.00	21.14 1.10 0.00	20.15 1.05 0.00
INDECK___CORINTH 23802	20.47 1.16 0.00	18.49 1.03 0.00	19.34 1.00 -3.24	18.91 0.93 -3.58	18.25 0.98 -2.41	18.81 0.93 -3.74	17.62 1.04 -1.33	18.53 1.00 -2.11	18.31 1.00 -1.73	18.27 1.02 -1.57	18.04 1.02 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.74 1.14 0.00	21.04 1.38 0.00	22.53 1.53 0.00	27.33 1.98 0.07	29.85 2.21 0.00	31.23 2.68 0.00	30.28 2.70 0.00	26.33 2.26 0.00	22.91 1.89 0.00	21.68 1.64 0.00	20.59 1.49 0.00
INDECK___ILION 23567	19.47 0.15 0.00	17.58 0.12 0.00	15.19 0.09 0.00	14.49 0.10 0.00	14.95 0.09 0.00	14.23 0.08 0.00	15.36 0.11 0.00	15.51 0.09 0.00	15.70 0.11 0.00	15.77 0.09 0.00	17.12 0.10 0.00	17.50 0.10 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.83 0.16 0.00	21.21 0.21 0.00	25.65 0.23 0.00	27.95 0.30 0.00	28.80 0.26 0.00	27.83 0.25 0.00	24.31 0.24 0.00	21.21 0.19 0.00	20.16 0.12 0.00	19.20 0.10 0.00
INDECK___OLEAN 23982	19.22 -0.10 0.00	17.26 -0.19 0.00	14.88 -0.65 -0.43	14.30 -0.56 -0.47	14.60 -0.58 -0.32	14.12 -0.51 -0.49	15.44 0.02 -0.18	15.08 -0.62 -0.28	15.15 -0.67 -0.23	15.10 -0.78 -0.21	16.97 -0.05 0.00	17.43 0.03 0.00	18.84 0.21 0.00	19.73 0.12 0.00	19.94 0.28 0.00	21.51 0.50 0.00	25.75 0.33 0.00	27.73 0.08 0.00	28.49 -0.06 0.00	27.61 0.03 0.00	24.43 0.36 0.00	21.10 0.08 0.00	20.02 -0.02 0.00	19.12 0.02 0.00

INDECK___OSWEGO 23783	19.00 -0.31 0.00	17.16 -0.30 0.00	15.04 -0.24 -0.18	14.37 -0.22 -0.20	14.77 -0.22 -0.13	14.15 -0.20 -0.21	15.11 -0.21 -0.07	15.30 -0.23 -0.12	15.43 -0.25 -0.10	15.50 -0.27 -0.09	16.73 -0.29 0.00	17.13 -0.26 0.00	18.40 -0.24 0.00	19.35 -0.26 0.00	19.41 -0.26 0.00	20.77 -0.23 0.00	25.14 -0.28 0.00	27.34 -0.30 0.00	28.20 -0.34 0.00	27.30 -0.28 0.00	23.90 -0.17 0.00	20.81 -0.21 0.00	19.80 -0.24 0.00	18.89 -0.21 0.00
INDECK___YERKES 23781	19.10 -0.21 0.00	17.07 -0.38 0.00	15.18 -0.27 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.21 -0.18 -0.15	15.25 -0.40 -0.23	15.15 -0.62 -0.19	15.13 -0.72 -0.17	16.51 -0.51 0.00	17.00 -0.40 0.00	18.42 -0.22 0.00	19.27 -0.33 0.00	19.49 -0.18 0.00	21.00 0.00 0.00	25.01 -0.41 0.00	26.87 -0.77 0.00	27.57 -0.97 0.00	26.86 -0.72 0.00	23.83 -0.24 0.00	20.62 -0.40 0.00	19.64 -0.40 0.00	18.82 -0.29 0.00
INDIAN POINT_GT_1 24139	20.32 1.00 0.00	18.42 0.96 0.00	18.30 0.80 -2.40	17.76 0.72 -2.65	17.36 0.71 -1.78	17.60 0.69 -2.76	17.01 0.78 -0.99	17.79 0.82 -1.56	17.77 0.90 -1.28	17.78 0.94 -1.16	18.03 1.00 0.00	18.40 1.01 0.00	19.64 1.01 0.00	20.75 1.14 0.00	20.83 1.16 0.00	22.37 1.37 0.00	27.23 1.75 -0.06	29.49 1.85 0.00	30.51 1.97 0.00	29.48 1.90 0.00	25.56 1.49 0.00	22.41 1.39 0.00	21.28 1.24 0.00	20.23 1.13 0.00
INDIAN POINT_GT_2 23659	20.32 1.00 0.00	18.42 0.96 0.00	18.30 0.80 -2.40	17.76 0.72 -2.65	17.36 0.71 -1.78	17.60 0.69 -2.76	17.01 0.78 -0.99	17.79 0.82 -1.56	17.77 0.90 -1.28	17.78 0.94 -1.16	18.03 1.00 0.00	18.40 1.01 0.00	19.64 1.01 0.00	20.75 1.14 0.00	20.83 1.16 0.00	22.37 1.37 0.00	27.23 1.75 -0.06	29.49 1.85 0.00	30.51 1.97 0.00	29.48 1.90 0.00	25.56 1.49 0.00	22.41 1.39 0.00	21.28 1.24 0.00	20.23 1.13 0.00
INDIAN POINT_GT_3 24019	20.32 1.00 0.00	18.42 0.96 0.00	18.30 0.80 -2.40	17.76 0.72 -2.65	17.36 0.71 -1.78	17.60 0.69 -2.76	17.01 0.78 -0.99	17.79 0.82 -1.56	17.77 0.90 -1.28	17.78 0.94 -1.16	18.03 1.00 0.00	18.40 1.01 0.00	19.64 1.01 0.00	20.75 1.14 0.00	20.83 1.16 0.00	22.37 1.37 0.00	27.23 1.75 -0.06	29.49 1.85 0.00	30.51 1.97 0.00	29.48 1.90 0.00	25.56 1.49 0.00	22.41 1.39 0.00	21.28 1.24 0.00	20.23 1.13 0.00
INDIAN POINT___2 23530	20.30 0.98 0.00	18.40 0.94 0.00	18.24 0.78 -2.35	17.70 0.71 -2.60	17.33 0.71 -1.75	17.55 0.69 -2.71	17.02 0.81 -0.97	17.83 0.88 -1.53	17.74 0.90 -1.25	17.75 0.92 -1.14	18.01 0.99 0.00	18.39 0.99 0.00	19.61 0.97 0.00	20.73 1.12 0.00	20.77 1.10 0.00	22.35 1.35 0.00	27.18 1.70 -0.06	29.47 1.82 0.00	30.48 1.94 0.00	29.43 1.85 0.00	25.51 1.44 0.00	22.43 1.41 0.00	21.30 1.26 0.00	20.19 1.09 0.00
INDIAN POINT___3 23531	20.32 1.00 0.00	18.40 0.94 0.00	18.28 0.79 -2.40	17.76 0.72 -2.65	17.36 0.71 -1.78	17.60 0.69 -2.76	17.01 0.78 -0.99	17.80 0.82 -1.56	17.77 0.90 -1.28	17.77 0.93 -1.16	18.01 0.99 0.00	18.37 0.97 0.00	19.61 0.97 0.00	20.73 1.12 0.00	20.81 1.14 0.00	22.35 1.34 0.00	27.21 1.73 -0.06	29.47 1.82 0.00	30.48 1.94 0.00	29.43 1.85 0.00	25.51 1.44 0.00	22.39 1.37 0.00	21.24 1.20 0.00	20.19 1.09 0.00
INGHAM_C_115KV_TB7 356103	19.52 0.21 0.00	17.63 0.17 0.00	15.22 0.12 0.00	14.52 0.13 0.00	14.98 0.12 0.00	14.26 0.11 0.00	15.39 0.14 0.00	15.54 0.12 0.00	15.73 0.14 0.00	15.79 0.11 0.00	17.14 0.12 0.00	17.52 0.12 0.00	18.79 0.15 0.00	19.76 0.16 0.00	19.83 0.16 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.97 0.33 0.00	28.83 0.29 0.00	27.83 0.25 0.00	24.29 0.22 0.00	21.19 0.17 0.00	20.14 0.10 0.00	19.18 0.08 0.00
IP CORINTH___1 23988	20.47 1.16 0.00	18.49 1.03 0.00	19.34 1.00 -3.24	18.91 0.94 -3.58	18.25 0.98 -2.41	18.81 0.93 -3.74	17.60 1.02 -1.33	18.53 1.00 -2.11	18.31 1.00 -1.73	18.27 1.02 -1.57	18.04 1.02 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.75 1.14 0.00	21.06 1.40 0.00	22.54 1.53 0.00	27.33 1.98 0.07	29.85 2.21 0.00	31.23 2.68 0.00	30.28 2.70 0.00	26.36 2.29 0.00	22.87 1.85 0.00	21.66 1.62 0.00	20.59 1.49 0.00
IP___TICONDEROGA 23804	21.42 2.11 0.00	19.32 1.87 0.00	20.03 1.69 -3.24	19.55 1.58 -3.58	18.90 1.63 -2.40	19.41 1.54 -3.73	18.29 1.71 -1.33	19.22 1.70 -2.10	19.01 1.70 -1.72	19.02 1.77 -1.57	18.95 1.92 0.00	19.40 2.00 0.00	20.65 2.01 0.00	21.82 2.22 0.00	22.32 2.66 0.00	23.92 2.92 0.00	29.11 3.76 0.07	31.79 4.15 0.00	33.22 4.68 0.00	32.29 4.72 0.00	28.21 4.14 0.00	24.17 3.15 0.00	22.78 2.75 0.00	21.66 2.56 0.00
ISLIP_RES_REC 323679	22.49 2.09 -1.09	19.41 1.94 -0.02	19.19 1.65 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.62 1.73 -3.30	21.56 1.74 -4.14	20.94 1.79 -2.13	22.11 1.83 -2.89	23.72 1.90 -3.18	26.08 2.16 -4.31	30.42 2.22 -8.53	30.29 2.56 -6.72	33.56 3.28 -4.86	39.53 3.54 -8.35	35.00 3.68 -2.78	33.77 3.50 -2.69	32.68 2.81 -5.80	31.75 2.61 -8.12	25.78 2.55 -3.20	23.94 2.29 -2.55
JAMAICA___27_KV_LOAD 355505	20.49 1.18 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.13 0.88 -1.00	17.97 0.97 -1.58	17.99 1.11 -1.29	18.03 1.18 -1.18	18.16 1.14 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.03 1.36 0.00	22.64 1.64 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.75 1.68 0.00	22.60 1.58 0.00	21.56 1.52 0.00	20.42 1.32 0.00
JANIS___SOLAR 323808	20.16 0.85 0.00	18.17 0.72 0.00	16.23 0.54 -0.59	15.60 0.56 -0.65	15.87 0.56 -0.44	15.39 0.57 -0.68	16.22 0.73 -0.24	16.44 0.63 -0.38	16.45 0.55 -0.31	16.40 0.44 -0.29	17.52 0.49 0.00	17.92 0.52 0.00	19.38 0.75 0.00	20.39 0.79 0.00	20.55 0.89 0.00	22.16 1.15 0.00	26.92 1.50 0.00	29.47 1.82 0.00	30.40 1.85 0.00	29.45 1.88 0.00	25.92 1.85 0.00	22.45 1.43 0.00	21.10 1.06 0.00	20.06 0.95 0.00
JARVIS____ 23743	19.37 0.06 0.00	17.49 0.03 0.00	15.13 0.03 0.00	14.42 0.03 0.00	14.89 0.03 0.00	14.17 0.03 0.00	15.28 0.03 0.00	15.45 0.03 0.00	15.62 0.03 0.00	15.71 0.03 0.00	17.06 0.03 0.00	17.43 0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.71 0.04 0.00	21.09 0.08 0.00	25.52 0.10 0.00	27.75 0.11 0.00	28.66 0.11 0.00	27.69 0.11 0.00	24.17 0.10 0.00	21.13 0.11 0.00	20.10 0.06 0.00	19.14 0.04 0.00
JENNISON___1 23625	20.32 1.00 0.00	18.31 0.86 0.00	16.47 0.63 -0.74	15.87 0.66 -0.82	16.07 0.65 -0.55	15.65 0.65 -0.85	16.33 0.78 -0.30	16.63 0.72 -0.48	16.65 0.67 -0.39	16.65 0.61 -0.36	17.75 0.73 0.00	18.16 0.77 0.00	19.66 1.03 0.00	20.69 1.08 0.00	20.89 1.22 0.00	22.47 1.47 0.00	27.15 1.73 0.00	29.69 2.05 0.00	30.51 1.97 0.00	29.59 2.01 0.00	26.00 1.93 0.00	22.58 1.56 0.00	21.20 1.16 0.00	20.15 1.05 0.00

JENNISON___2 23626	20.32 1.00 0.00	18.31 0.86 0.00	16.47 0.63 -0.74	15.87 0.66 -0.82	16.07 0.65 -0.55	15.65 0.65 -0.85	16.33 0.78 -0.30	16.63 0.72 -0.48	16.65 0.67 -0.39	16.65 0.61 -0.36	17.75 0.73 0.00	18.16 0.77 0.00	19.66 1.03 0.00	20.69 1.08 0.00	20.89 1.22 0.00	22.47 1.47 0.00	27.15 1.73 0.00	29.69 2.05 0.00	30.51 1.97 0.00	29.59 2.01 0.00	26.00 1.93 0.00	22.58 1.56 0.00	21.20 1.16 0.00	20.15 1.05 0.00
JERICHO_RISE_WT_PWR 323719	19.06 -0.25 0.00	17.19 -0.26 0.00	14.84 -0.26 0.00	14.06 -0.33 0.00	14.52 -0.34 0.00	13.77 -0.37 0.00	14.85 -0.40 0.00	15.07 -0.35 0.00	15.31 -0.28 0.00	15.46 -0.22 0.00	16.80 -0.22 0.00	17.13 -0.26 0.00	18.34 -0.30 0.00	19.22 -0.39 0.00	19.22 -0.45 0.00	20.39 -0.61 0.00	24.73 -0.69 0.00	26.87 -0.77 0.00	27.57 -0.97 0.00	26.45 -1.13 0.00	22.96 -1.11 0.00	19.97 -1.05 0.00	19.10 -0.94 0.00	18.26 -0.84 0.00
KATONAH___115KV_46KV_TB4 355592	20.43 1.12 0.00	18.52 1.06 0.00	18.48 0.91 -2.47	17.93 0.81 -2.73	17.52 0.82 -1.83	17.75 0.76 -2.85	17.12 0.85 -1.02	17.90 0.88 -1.61	17.88 0.98 -1.31	17.88 1.00 -1.20	18.20 1.17 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.92 1.31 0.00	20.93 1.26 0.00	22.47 1.47 0.00	27.36 1.88 -0.06	29.66 2.02 0.00	30.80 2.25 0.00	29.78 2.21 0.00	25.83 1.76 0.00	22.64 1.62 0.00	21.44 1.40 0.00	20.40 1.30 0.00
KCE_NY_1 323755	20.37 1.06 0.00	18.43 0.98 0.00	19.21 0.88 -3.23	18.78 0.82 -3.57	18.13 0.86 -2.40	18.67 0.81 -3.72	17.48 0.90 -1.33	18.38 0.86 -2.10	18.16 0.86 -1.72	18.11 0.86 -1.57	17.94 0.92 0.00	18.33 0.94 0.00	19.59 0.95 0.00	20.69 1.08 0.00	20.91 1.24 0.00	22.39 1.39 0.00	27.08 1.73 0.07	29.58 1.93 0.00	30.77 2.23 0.00	29.78 2.21 0.00	25.92 1.85 0.00	22.58 1.56 0.00	21.42 1.38 0.00	20.36 1.26 0.00
KCE_NY_6_ESR 323823	19.18 -0.13 0.00	17.19 -0.26 0.00	15.13 -0.35 -0.38	14.57 -0.24 -0.42	14.88 -0.27 -0.28	14.34 -0.24 -0.44	15.30 -0.11 -0.16	15.27 -0.40 -0.25	15.21 -0.58 -0.20	15.21 -0.66 -0.18	16.70 -0.32 0.00	17.19 -0.21 0.00	18.60 -0.04 0.00	19.47 -0.14 0.00	19.69 0.02 0.00	21.21 0.21 0.00	25.32 -0.10 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	27.19 -0.39 0.00	24.09 0.02 0.00	20.85 -0.17 0.00	19.82 -0.22 0.00	18.99 -0.11 0.00
KEDC_PORT_JEFF_GT2 24210	22.35 1.95 -1.09	19.29 1.82 -0.02	19.10 1.56 -2.45	18.37 1.30 -2.69	17.95 1.28 -1.80	18.23 1.29 -2.80	17.79 1.54 -1.00	19.40 1.65 -2.33	20.52 1.64 -3.30	21.45 1.63 -4.14	20.82 1.67 -2.13	21.97 1.69 -2.89	23.57 1.75 -3.18	25.90 1.98 -4.31	30.23 2.03 -8.54	30.63 2.35 -7.27	34.16 2.92 -5.82	39.06 3.07 -8.35	34.53 3.20 -2.79	33.76 3.14 -3.04	32.42 2.53 -5.82	32.35 2.35 -8.97	25.60 2.36 -3.20	23.75 2.10 -2.55
KEDC_PORT_JEFF_GT3 24211	22.35 1.95 -1.09	19.29 1.82 -0.02	19.10 1.56 -2.45	18.37 1.30 -2.69	17.95 1.28 -1.80	18.23 1.29 -2.80	17.79 1.54 -1.00	19.40 1.65 -2.33	20.52 1.64 -3.30	21.45 1.63 -4.14	20.82 1.67 -2.13	21.97 1.69 -2.89	23.57 1.75 -3.18	25.90 1.98 -4.31	30.23 2.03 -8.54	30.63 2.35 -7.27	34.16 2.92 -5.82	39.06 3.07 -8.35	34.53 3.20 -2.79	33.76 3.14 -3.04	32.42 2.53 -5.82	32.35 2.35 -8.97	25.60 2.36 -3.20	23.75 2.10 -2.55
KEDC_GLWD_GT4 24219	21.79 1.39 -1.09	18.78 1.31 -0.02	18.65 1.10 -2.45	18.03 0.95 -2.69	17.62 0.95 -1.80	17.89 0.95 -2.80	17.36 1.11 -1.00	18.96 1.20 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.51 1.36 -2.13	21.66 1.37 -2.89	23.21 1.40 -3.18	25.47 1.55 -4.31	29.73 1.54 -8.52	27.18 1.85 -4.33	28.29 2.16 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.70 1.95 -5.68	27.31 1.87 -4.41	24.94 1.70 -3.20	23.16 1.51 -2.55
KEDC_GLWD_GT5 24220	21.79 1.39 -1.09	18.78 1.31 -0.02	18.65 1.10 -2.45	18.03 0.95 -2.69	17.62 0.95 -1.80	17.89 0.95 -2.80	17.36 1.11 -1.00	18.96 1.20 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.51 1.36 -2.13	21.66 1.37 -2.89	23.21 1.40 -3.18	25.47 1.55 -4.31	29.73 1.54 -8.52	27.18 1.85 -4.33	28.29 2.16 -0.71	38.28 2.29 -8.34	33.66 2.40 -2.72	31.00 2.29 -1.14	31.70 1.95 -5.68	27.31 1.87 -4.41	24.94 1.70 -3.20	23.16 1.51 -2.55
KENSICO____ 23655	20.37 1.06 0.00	18.47 1.01 0.00	18.37 0.85 -2.42	17.83 0.76 -2.68	17.42 0.76 -1.80	17.67 0.74 -2.79	17.07 0.82 -1.00	17.86 0.86 -1.57	17.84 0.97 -1.29	17.84 0.99 -1.18	18.08 1.06 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.80 1.20 0.00	20.91 1.24 0.00	22.45 1.45 0.00	27.33 1.86 -0.06	29.61 1.96 0.00	30.60 2.06 0.00	29.54 1.96 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.34 1.30 0.00	20.27 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.45 1.14 0.00	18.49 1.03 0.00	18.18 0.85 -2.24	17.61 0.75 -2.47	17.28 0.76 -1.66	17.47 0.75 -2.58	16.96 0.79 -0.92	17.69 0.82 -1.45	17.64 0.86 -1.19	17.61 0.85 -1.09	17.89 0.87 0.00	18.23 0.83 0.00	19.46 0.82 0.00	20.55 0.94 0.00	20.65 0.98 0.00	22.24 1.24 0.00	27.13 1.68 -0.03	29.49 1.85 0.00	30.54 2.00 0.00	29.51 1.93 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.30 1.26 0.00	20.23 1.13 0.00
KIAC_JFK_GT1 23816	20.37 1.06 0.00	18.45 1.00 0.00	18.34 0.82 -2.43	17.80 0.72 -2.69	17.37 0.70 -1.80	17.63 0.69 -2.80	17.04 0.79 -1.00	17.89 0.89 -1.58	17.91 1.03 -1.29	17.96 1.10 -1.18	18.08 1.06 0.00	18.44 1.04 0.00	19.66 1.03 0.00	20.80 1.20 0.00	20.91 1.24 0.00	22.51 1.51 0.00	27.51 2.03 -0.06	29.74 2.10 0.00	30.68 2.14 0.00	29.62 2.04 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.44 1.40 0.00	20.32 1.22 0.00
KIAC_JFK_GT2 23817	20.37 1.06 0.00	18.45 1.00 0.00	18.34 0.82 -2.43	17.80 0.72 -2.69	17.37 0.70 -1.80	17.63 0.69 -2.80	17.04 0.79 -1.00	17.89 0.89 -1.58	17.91 1.03 -1.29	17.96 1.10 -1.18	18.08 1.06 0.00	18.44 1.04 0.00	19.66 1.03 0.00	20.80 1.20 0.00	20.91 1.24 0.00	22.51 1.51 0.00	27.51 2.03 -0.06	29.74 2.10 0.00	30.68 2.14 0.00	29.62 2.04 0.00	25.61 1.54 0.00	22.47 1.45 0.00	21.44 1.40 0.00	20.32 1.22 0.00
KIAC_JFK____ 323774	20.37 1.06 0.00	18.45 0.99 0.00	18.34 0.81 -2.43	17.80 0.72 -2.69	17.37 0.70 -1.80	17.63 0.69 -2.80	17.09 0.84 -1.00	17.99 0.99 -1.58	17.91 1.03 -1.29	17.96 1.10 -1.18	18.08 1.06 0.00	18.44 1.04 0.00	19.66 1.02 0.00	20.80 1.20 0.00	20.85 1.18 0.00	22.52 1.51 0.00	27.49 2.01 -0.06	29.74 2.10 0.00	30.68 2.14 0.00	29.62 2.04 0.00	25.59 1.52 0.00	22.51 1.49 0.00	21.48 1.44 0.00	20.33 1.22 0.00
KINTIGH____ 23543	18.91 -0.41 0.00	16.97 -0.49 0.00	15.14 -0.27 -0.31	14.58 -0.16 -0.35	14.93 -0.16 -0.23	14.36 -0.14 -0.36	15.19 -0.18 -0.13	15.39 -0.23 -0.20	15.27 -0.48 -0.17	15.25 -0.58 -0.15	16.43 -0.60 0.00	16.91 -0.49 0.00	18.30 -0.34 0.00	19.16 -0.45 0.00	19.39 -0.28 0.00	20.79 -0.21 0.00	24.81 -0.61 0.00	26.81 -0.83 0.00	27.52 -1.03 0.00	26.78 -0.80 0.00	23.64 -0.43 0.00	20.56 -0.46 0.00	19.54 -0.50 0.00	18.72 -0.38 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.18 -0.22 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.99 -0.26 0.00	15.19 -0.23 0.00	15.48 -0.11 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.43 -0.24 0.00	20.67 -0.34 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	27.94 -0.60 0.00	26.81 -0.77 0.00	23.25 -0.82 0.00	20.22 -0.80 0.00	19.28 -0.76 0.00	18.43 -0.67 0.00
LACHUTE___HYDRO 323717	21.42 2.11 0.00	19.33 1.87 0.00	20.03 1.69 -3.24	19.55 1.58 -3.58	18.90 1.63 -2.40	19.41 1.54 -3.73	18.32 1.74 -1.33	19.22 1.70 -2.10	19.01 1.70 -1.72	19.02 1.77 -1.57	18.94 1.92 0.00	19.39 2.00 0.00	20.65 2.01 0.00	21.82 2.22 0.00	22.28 2.62 0.00	23.92 2.92 0.00	29.11 3.76 0.07	31.79 4.15 0.00	33.22 4.68 0.00	32.29 4.71 0.00	28.21 4.14 0.00	24.21 3.19 0.00	22.82 2.78 0.00	21.66 2.56 0.00
LAWRNCALV_115KV_TB1 80681	18.93 -0.39 0.00	17.16 -0.30 0.00	14.83 -0.27 0.00	14.09 -0.30 0.00	14.61 -0.25 0.00	13.87 -0.27 0.00	14.99 -0.26 0.00	15.16 -0.26 0.00	15.42 -0.17 0.00	15.54 -0.14 0.00	16.87 -0.15 0.00	17.22 -0.17 0.00	18.47 -0.17 0.00	19.22 -0.39 0.00	19.27 -0.39 0.00	20.50 -0.50 0.00	24.86 -0.56 0.00	27.06 -0.58 0.00	27.83 -0.71 0.00	26.86 -0.72 0.00	23.42 -0.65 0.00	20.43 -0.59 0.00	19.44 -0.60 0.00	18.70 -0.40 0.00
LEDERLE___ 23769	20.37 1.06 0.00	18.45 1.00 0.00	18.26 0.85 -2.31	17.69 0.75 -2.55	17.34 0.76 -1.72	17.54 0.74 -2.66	17.02 0.82 -0.95	17.78 0.86 -1.50	17.77 0.95 -1.23	17.77 0.97 -1.12	18.06 1.04 0.00	18.42 1.03 0.00	19.66 1.03 0.00	20.78 1.18 0.00	20.87 1.20 0.00	22.43 1.43 0.00	27.30 1.83 -0.05	29.61 1.96 0.00	30.60 2.06 0.00	29.54 1.96 0.00	25.63 1.56 0.00	22.47 1.45 0.00	21.32 1.28 0.00	20.27 1.17 0.00
LIGHTHSE_115KV_TB6 355974	19.08 -0.23 0.00	17.23 -0.23 0.00	15.05 -0.21 -0.17	14.40 -0.17 -0.18	14.81 -0.18 -0.12	14.18 -0.16 -0.19	15.19 -0.12 -0.07	15.39 -0.14 -0.11	15.51 -0.17 -0.09	15.56 -0.20 -0.08	16.82 -0.20 0.00	17.20 -0.19 0.00	18.47 -0.17 0.00	19.39 -0.22 0.00	19.45 -0.22 0.00	20.94 -0.06 0.00	25.34 -0.08 0.00	27.64 0.00 0.00	28.49 -0.06 0.00	27.58 0.00 0.00	24.19 0.12 0.00	21.02 0.00 0.00	19.92 -0.12 0.00	18.97 -0.13 0.00
LINDEN COGEN___ 23786	15.15 1.02 5.18	14.45 0.96 3.97	14.25 0.80 1.65	14.41 0.72 0.70	11.39 0.70 4.17	11.69 0.68 3.13	12.20 0.82 3.87	15.96 0.94 0.40	16.48 0.97 0.08	17.51 1.02 -0.81	18.07 1.09 0.04	18.49 1.10 0.00	19.13 1.06 0.57	19.06 1.22 1.76	19.79 1.20 1.08	21.57 1.53 0.96	21.57 1.98 5.83	21.91 2.07 7.81	21.57 2.14 9.11	21.57 2.01 8.02	20.37 1.52 5.22	21.08 1.51 1.45	21.40 1.36 0.00	18.41 1.17 1.86
LINDHRST_69_KV_BK1 356055	22.26 1.85 -1.09	19.19 1.71 -0.02	19.00 1.45 -2.45	18.30 1.22 -2.69	17.87 1.20 -1.80	18.16 1.22 -2.80	17.67 1.42 -1.00	19.23 1.48 -2.33	20.45 1.56 -3.30	21.41 1.58 -4.14	20.80 1.65 -2.13	21.95 1.67 -2.89	23.53 1.71 -3.18	25.86 1.94 -4.31	30.20 2.01 -8.53	27.82 2.27 -4.55	29.46 2.95 -1.09	39.16 3.18 -8.34	34.58 3.31 -2.72	32.00 3.14 -1.28	32.26 2.50 -5.69	28.04 2.27 -4.75	25.44 2.20 -3.20	23.65 2.01 -2.55
LIPA_MISC_IPP 23656	22.37 1.97 -1.09	19.31 1.83 -0.02	19.12 1.57 -2.45	18.39 1.31 -2.69	17.96 1.29 -1.80	18.24 1.30 -2.80	17.77 1.52 -1.00	19.36 1.60 -2.33	20.52 1.64 -3.30	21.45 1.63 -4.14	20.82 1.67 -2.13	21.97 1.69 -2.89	23.59 1.77 -3.18	25.90 1.98 -4.31	30.31 2.10 -8.53	30.20 2.39 -6.81	33.50 3.08 -5.00	39.34 3.34 -8.35	34.80 3.48 -2.78	33.65 3.34 -2.74	32.52 2.65 -5.80	31.69 2.42 -8.25	25.60 2.36 -3.20	23.83 2.18 -2.55
LISF___SOLAR 323691	22.41 2.01 -1.09	19.34 1.87 -0.02	19.15 1.60 -2.45	18.42 1.34 -2.69	17.99 1.32 -1.80	18.29 1.34 -2.80	17.85 1.60 -1.00	19.46 1.71 -2.33	20.56 1.67 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.31 2.11 -8.53	30.28 2.44 -6.84	33.61 3.13 -5.07	39.42 3.43 -8.35	34.92 3.60 -2.78	33.76 3.42 -2.76	32.59 2.72 -5.80	31.84 2.52 -8.30	25.70 2.46 -3.20	23.86 2.21 -2.55
LITTLE FALLS___HYD 24013	19.52 0.21 0.00	17.63 0.17 0.00	15.22 0.12 0.00	14.52 0.13 0.00	14.98 0.12 0.00	14.26 0.11 0.00	15.39 0.14 0.00	15.54 0.12 0.00	15.73 0.14 0.00	15.79 0.11 0.00	17.14 0.12 0.00	17.52 0.12 0.00	18.79 0.15 0.00	19.76 0.16 0.00	19.83 0.16 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.97 0.33 0.00	28.83 0.29 0.00	27.83 0.25 0.00	24.29 0.22 0.00	21.19 0.17 0.00	20.14 0.10 0.00	19.18 0.08 0.00
LITTLRIV_115KV_TB1 356100	19.06 -0.25 0.00	17.26 -0.19 0.00	14.90 -0.20 0.00	14.18 -0.22 0.00	14.68 -0.18 0.00	13.94 -0.20 0.00	15.10 -0.15 0.00	15.25 -0.17 0.00	15.51 -0.08 0.00	15.63 -0.05 0.00	16.97 -0.05 0.00	17.31 -0.09 0.00	18.62 -0.02 0.00	19.35 -0.25 0.00	19.45 -0.22 0.00	20.69 -0.32 0.00	25.09 -0.33 0.00	27.34 -0.30 0.00	28.09 -0.46 0.00	27.11 -0.47 0.00	23.68 -0.39 0.00	20.64 -0.38 0.00	19.60 -0.44 0.00	18.83 -0.27 0.00
LI_NEWBRDGE___DRP 323616	21.81 1.41 -1.09	18.80 1.33 -0.02	18.68 1.13 -2.45	18.01 0.94 -2.69	17.59 0.92 -1.80	17.88 0.93 -2.80	17.35 1.10 -1.00	18.89 1.14 -2.33	20.12 1.23 -3.30	21.07 1.25 -4.14	20.44 1.29 -2.13	21.57 1.29 -2.89	23.12 1.30 -3.18	25.37 1.45 -4.31	29.67 1.48 -8.52	27.06 1.72 -4.33	28.37 2.24 -0.71	38.33 2.35 -8.34	33.75 2.48 -2.72	31.09 2.37 -1.14	31.60 1.85 -5.68	27.16 1.72 -4.41	24.88 1.64 -3.20	23.16 1.51 -2.55
LOCKPORT_115KV_TB60_63_64 80432	18.93 -0.39 0.00	16.93 -0.52 0.00	15.03 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.25	14.27 -0.27 -0.39	15.07 -0.32 -0.14	15.26 -0.39 -0.22	15.08 -0.69 -0.18	15.06 -0.78 -0.17	16.38 -0.65 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.41 -0.26 0.00	20.83 -0.17 0.00	24.76 -0.66 0.00	26.70 -0.94 0.00	27.40 -1.14 0.00	26.70 -0.88 0.00	23.59 -0.48 0.00	20.49 -0.53 0.00	19.48 -0.56 0.00	18.70 -0.40 0.00
LOCKPORT___CC1 323769	18.93 -0.39 0.00	17.02 -0.44 0.00	15.04 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.26	14.27 -0.27 -0.40	15.08 -0.30 -0.14	15.18 -0.46 -0.22	15.09 -0.69 -0.18	15.06 -0.78 -0.17	16.39 -0.63 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.33 -0.33 0.00	20.83 -0.17 0.00	24.84 -0.58 0.00	26.70 -0.94 0.00	27.37 -1.17 0.00	26.69 -0.88 0.00	23.68 -0.39 0.00	20.50 -0.52 0.00	19.52 -0.52 0.00	18.70 -0.40 0.00
LOCKPORT___CC2 323770	18.93 -0.39 0.00	17.02 -0.44 0.00	15.04 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.26	14.27 -0.27 -0.40	15.08 -0.30 -0.14	15.18 -0.46 -0.22	15.09 -0.69 -0.18	15.06 -0.78 -0.17	16.39 -0.63 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.33 -0.33 0.00	20.83 -0.17 0.00	24.84 -0.58 0.00	26.70 -0.94 0.00	27.37 -1.17 0.00	26.69 -0.88 0.00	23.68 -0.39 0.00	20.50 -0.52 0.00	19.52 -0.52 0.00	18.70 -0.40 0.00

LOCKPORT___CC3 323771	18.93 -0.39 0.00	17.02 -0.44 0.00	15.04 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.26	14.27 -0.27 -0.40	15.08 -0.30 -0.14	15.18 -0.46 -0.22	15.09 -0.69 -0.18	15.06 -0.78 -0.17	16.39 -0.63 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.33 -0.33 0.00	20.83 -0.17 0.00	24.84 -0.58 0.00	26.70 -0.94 0.00	27.37 -1.17 0.00	26.69 -0.88 0.00	23.68 -0.39 0.00	20.50 -0.52 0.00	19.52 -0.52 0.00	18.70 -0.40 0.00
LONG_LAKE_PHOENIX 24014	19.16 -0.15 0.00	17.30 -0.16 0.00	15.16 -0.12 -0.18	14.49 -0.10 -0.20	14.90 -0.10 -0.14	14.27 -0.08 -0.21	15.23 -0.09 -0.08	15.46 -0.08 -0.12	15.56 -0.12 -0.10	15.63 -0.14 -0.09	16.89 -0.14 0.00	17.29 -0.10 0.00	18.58 -0.06 0.00	19.57 -0.04 0.00	19.59 -0.08 0.00	21.00 0.00 0.00	25.39 -0.03 0.00	27.61 -0.03 0.00	28.51 -0.03 0.00	27.58 0.00 0.00	24.17 0.10 0.00	21.02 0.00 0.00	20.02 -0.02 0.00	19.08 -0.02 0.00
LOVETT___3 23632	20.28 0.97 0.00	18.38 0.93 0.00	18.19 0.77 -2.32	17.65 0.69 -2.57	17.29 0.70 -1.73	17.50 0.68 -2.68	16.97 0.76 -0.95	17.73 0.80 -1.51	17.71 0.89 -1.24	17.72 0.91 -1.13	17.99 0.97 0.00	18.35 0.96 0.00	19.59 0.95 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.18 1.70 -0.05	29.44 1.80 0.00	30.46 1.91 0.00	29.40 1.82 0.00	25.51 1.44 0.00	22.37 1.35 0.00	21.22 1.18 0.00	20.17 1.07 0.00
LOVETT___4 23642	20.28 0.97 0.00	18.38 0.93 0.00	18.19 0.77 -2.32	17.65 0.69 -2.57	17.29 0.70 -1.73	17.50 0.68 -2.68	16.97 0.76 -0.95	17.73 0.80 -1.51	17.71 0.89 -1.24	17.72 0.91 -1.13	17.99 0.97 0.00	18.35 0.96 0.00	19.59 0.95 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.18 1.70 -0.05	29.44 1.80 0.00	30.46 1.91 0.00	29.40 1.82 0.00	25.51 1.44 0.00	22.37 1.35 0.00	21.22 1.18 0.00	20.17 1.07 0.00
LOVETT___5 23593	20.28 0.97 0.00	18.38 0.93 0.00	18.19 0.77 -2.32	17.65 0.69 -2.57	17.29 0.70 -1.73	17.50 0.68 -2.68	16.97 0.76 -0.95	17.73 0.80 -1.51	17.71 0.89 -1.24	17.72 0.91 -1.13	17.99 0.97 0.00	18.35 0.96 0.00	19.59 0.95 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.18 1.70 -0.05	29.44 1.80 0.00	30.46 1.91 0.00	29.40 1.82 0.00	25.51 1.44 0.00	22.37 1.35 0.00	21.22 1.18 0.00	20.17 1.07 0.00
LOWER RAQUET___HYD 24057	18.87 -0.44 0.00	17.11 -0.35 0.00	14.77 -0.33 0.00	14.03 -0.36 0.00	14.57 -0.30 0.00	13.83 -0.31 0.00	14.94 -0.30 0.00	15.13 -0.29 0.00	15.37 -0.22 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.45 -0.19 0.00	19.18 -0.43 0.00	19.25 -0.41 0.00	20.46 -0.55 0.00	24.84 -0.58 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.81 -0.77 0.00	23.40 -0.67 0.00	20.37 -0.65 0.00	19.40 -0.64 0.00	18.64 -0.46 0.00
LOWER___HUDSON 24059	20.10 0.79 0.00	18.21 0.75 0.00	18.91 0.65 -3.17	18.51 0.62 -3.50	17.85 0.64 -2.35	18.40 0.61 -3.65	17.24 0.69 -1.30	18.14 0.66 -2.06	17.93 0.65 -1.68	17.86 0.64 -1.54	17.69 0.66 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.51 0.85 0.00	21.95 0.95 0.00	26.47 1.14 0.09	28.94 1.30 0.00	30.05 1.51 0.00	29.07 1.49 0.00	25.30 1.23 0.00	22.13 1.11 0.00	21.04 1.00 0.00	20.02 0.92 0.00
LOWVILLE_115KV_TB2 356335	19.35 0.04 0.00	17.47 0.02 0.00	15.13 -0.06 -0.09	14.46 -0.03 -0.10	14.90 -0.03 -0.07	14.23 -0.01 -0.10	15.36 0.08 -0.04	15.51 0.03 -0.06	15.67 0.03 -0.05	15.71 -0.02 -0.04	16.99 -0.03 0.00	17.34 -0.05 0.00	18.66 0.02 0.00	19.39 -0.22 0.00	19.53 -0.14 0.00	21.19 0.19 0.00	25.67 0.25 0.00	28.08 0.44 0.00	28.89 0.34 0.00	27.96 0.39 0.00	24.50 0.43 0.00	21.31 0.29 0.00	19.94 -0.10 0.00	19.01 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.37 1.06 0.00	18.42 0.96 0.00	19.19 0.86 -3.23	18.78 0.82 -3.57	18.11 0.85 -2.40	18.67 0.81 -3.72	17.46 0.88 -1.33	18.38 0.86 -2.10	18.15 0.84 -1.72	18.11 0.86 -1.57	17.92 0.90 0.00	18.33 0.94 0.00	19.59 0.95 0.00	20.67 1.06 0.00	20.93 1.26 0.00	22.37 1.37 0.00	27.07 1.73 0.07	29.55 1.91 0.00	30.74 2.20 0.00	29.76 2.18 0.00	25.92 1.85 0.00	22.51 1.49 0.00	21.38 1.34 0.00	20.34 1.24 0.00
LUTHERNY_35_KV_BK2 355980	20.37 1.06 0.00	18.43 0.98 0.00	19.21 0.88 -3.23	18.78 0.82 -3.57	18.13 0.86 -2.40	18.67 0.81 -3.72	17.46 0.88 -1.33	18.38 0.86 -2.10	18.17 0.86 -1.72	18.11 0.86 -1.57	17.94 0.92 0.00	18.33 0.94 0.00	19.59 0.95 0.00	20.69 1.08 0.00	20.95 1.28 0.00	22.39 1.39 0.00	27.10 1.75 0.07	29.58 1.93 0.00	30.77 2.23 0.00	29.78 2.21 0.00	25.95 1.88 0.00	22.53 1.51 0.00	21.40 1.36 0.00	20.36 1.26 0.00
LWR___OSWEGATCHIE_HYD 23850	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.09 -0.18 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.83 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.21 0.00	19.18 -0.43 0.00	19.27 -0.39 0.00	20.71 -0.29 0.00	25.11 -0.31 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.79 -0.23 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
LYONS_FALL_HYD 23570	19.47 0.15 0.00	17.58 0.12 0.00	15.23 0.05 -0.09	14.56 0.07 -0.09	14.99 0.06 -0.06	14.31 0.07 -0.10	15.44 0.15 -0.04	15.60 0.12 -0.06	15.76 0.12 -0.05	15.82 0.09 -0.04	17.11 0.09 0.00	17.46 0.07 0.00	18.79 0.15 0.00	19.63 0.02 0.00	19.77 0.10 0.00	21.32 0.32 0.00	25.85 0.43 0.00	28.22 0.58 0.00	29.03 0.48 0.00	28.10 0.52 0.00	24.62 0.55 0.00	21.44 0.42 0.00	20.14 0.10 0.00	19.18 0.08 0.00
MADISON___COUNTY_LFGE 323628	19.74 0.42 0.00	17.82 0.37 0.00	15.51 0.27 -0.14	14.83 0.29 -0.16	15.25 0.28 -0.10	14.60 0.30 -0.16	15.67 0.37 -0.06	15.85 0.34 -0.09	15.99 0.33 -0.07	16.03 0.28 -0.07	17.35 0.32 0.00	17.71 0.31 0.00	19.07 0.43 0.00	20.06 0.45 0.00	20.18 0.51 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.40 0.86 0.00	28.46 0.88 0.00	24.94 0.87 0.00	21.71 0.69 0.00	20.52 0.48 0.00	19.56 0.46 0.00
MALONE___115KV_TB1 356076	19.14 -0.17 0.00	17.28 -0.17 0.00	14.92 -0.18 0.00	14.13 -0.26 0.00	14.61 -0.25 0.00	13.87 -0.27 0.00	14.97 -0.27 0.00	15.17 -0.25 0.00	15.45 -0.14 0.00	15.62 -0.06 0.00	16.97 -0.05 0.00	17.27 -0.12 0.00	18.51 -0.13 0.00	19.35 -0.25 0.00	19.39 -0.28 0.00	20.60 -0.40 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	26.83 -0.74 0.00	23.32 -0.75 0.00	20.28 -0.74 0.00	19.34 -0.70 0.00	18.51 -0.59 0.00
MAPLEWOD_115KV_TB3 80458	19.95 0.64 0.00	18.08 0.63 0.00	18.77 0.53 -3.15	18.39 0.52 -3.48	17.73 0.54 -2.34	18.27 0.51 -3.62	17.14 0.59 -1.29	18.05 0.59 -2.04	17.79 0.53 -1.67	17.74 0.53 -1.53	17.58 0.56 0.00	17.95 0.56 0.00	19.18 0.54 0.00	20.26 0.65 0.00	20.44 0.77 0.00	21.84 0.84 0.00	26.36 1.02 0.07	28.78 1.13 0.00	29.83 1.28 0.00	28.85 1.27 0.00	25.13 1.06 0.00	21.92 0.90 0.00	20.86 0.82 0.00	19.87 0.76 0.00

MAPLE_RIDGE_WT_1 323574	18.93 -0.39 0.00	16.93 -0.52 0.00	14.57 -0.53 0.00	13.84 -0.55 0.00	14.27 -0.59 0.00	13.58 -0.57 0.00	14.64 -0.61 0.00	14.85 -0.57 0.00	15.12 -0.47 0.00	15.35 -0.33 0.00	16.73 -0.29 0.00	17.08 -0.31 0.00	18.23 -0.41 0.00	19.14 -0.47 0.00	19.16 -0.51 0.00	20.50 -0.50 0.00	24.96 -0.46 0.00	27.17 -0.47 0.00	28.00 -0.54 0.00	27.00 -0.58 0.00	23.49 -0.58 0.00	20.45 -0.57 0.00	19.50 -0.54 0.00	18.59 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	18.93 -0.39 0.00	16.93 -0.52 0.00	14.57 -0.53 0.00	13.84 -0.55 0.00	14.27 -0.59 0.00	13.58 -0.57 0.00	14.64 -0.61 0.00	14.85 -0.57 0.00	15.12 -0.47 0.00	15.35 -0.33 0.00	16.73 -0.29 0.00	17.08 -0.31 0.00	18.23 -0.41 0.00	19.14 -0.47 0.00	19.16 -0.51 0.00	20.50 -0.50 0.00	24.96 -0.46 0.00	27.17 -0.47 0.00	28.00 -0.54 0.00	27.00 -0.58 0.00	23.49 -0.58 0.00	20.45 -0.57 0.00	19.50 -0.54 0.00	18.59 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	19.10 -0.21 0.00	17.23 -0.23 0.00	14.86 -0.24 0.00	14.07 -0.32 0.00	14.54 -0.33 0.00	13.79 -0.35 0.00	14.87 -0.38 0.00	15.08 -0.34 0.00	15.32 -0.27 0.00	15.49 -0.19 0.00	16.84 -0.19 0.00	17.17 -0.23 0.00	18.38 -0.26 0.00	19.23 -0.37 0.00	19.25 -0.41 0.00	20.44 -0.57 0.00	24.79 -0.63 0.00	26.92 -0.72 0.00	27.63 -0.91 0.00	26.47 -1.10 0.00	22.99 -1.08 0.00	19.97 -1.05 0.00	19.08 -0.96 0.00	18.24 -0.86 0.00
MARSHVLE_115KV_TB1 80742	20.57 1.26 0.00	18.56 1.10 0.00	19.93 0.94 -3.90	19.62 0.92 -4.31	18.70 0.94 -2.90	19.55 0.92 -4.49	17.86 1.01 -1.60	18.96 1.00 -2.53	18.64 0.98 -2.07	18.53 0.96 -1.89	18.06 1.04 0.00	18.47 1.08 0.00	19.70 1.06 0.00	20.82 1.22 0.00	21.12 1.46 0.00	22.77 1.76 0.00	27.71 2.34 0.04	30.24 2.60 0.00	31.28 2.74 0.00	30.31 2.73 0.00	26.40 2.33 0.00	22.91 1.89 0.00	21.60 1.56 0.00	20.52 1.41 0.00
MARSH_HILL_WT_PWR 323713	19.56 0.25 0.00	17.56 0.11 0.00	15.55 -0.02 -0.46	14.93 0.03 -0.51	15.25 0.04 -0.34	14.76 0.09 -0.53	15.70 0.26 -0.19	15.77 0.05 -0.30	15.80 -0.03 -0.25	15.84 -0.06 -0.23	17.24 0.22 0.00	17.72 0.33 0.00	19.16 0.52 0.00	20.08 0.47 0.00	20.28 0.61 0.00	21.86 0.86 0.00	26.28 0.86 0.00	28.44 0.80 0.00	29.23 0.68 0.00	28.32 0.74 0.00	25.03 0.96 0.00	21.59 0.57 0.00	20.38 0.34 0.00	19.43 0.32 0.00
MCINTYRE_115KV_TB2 80467	19.20 -0.12 0.00	17.39 -0.07 0.00	14.99 -0.11 0.00	14.26 -0.13 0.00	14.76 -0.10 0.00	14.02 -0.13 0.00	15.17 -0.08 0.00	15.33 -0.09 0.00	15.57 -0.02 0.00	15.71 0.03 0.00	17.04 0.02 0.00	17.38 -0.02 0.00	18.68 0.04 0.00	19.45 -0.16 0.00	19.53 -0.14 0.00	20.79 -0.21 0.00	25.19 -0.23 0.00	27.48 -0.17 0.00	28.23 -0.31 0.00	27.25 -0.33 0.00	23.81 -0.26 0.00	20.77 -0.25 0.00	19.72 -0.32 0.00	18.93 -0.17 0.00
MECO____69_KV_BK1 80468	21.05 1.74 0.00	18.96 1.50 0.00	20.11 1.31 -3.70	19.74 1.27 -4.08	18.92 1.31 -2.74	19.67 1.27 -4.26	18.12 1.36 -1.52	19.15 1.33 -2.40	18.82 1.26 -1.97	18.68 1.21 -1.79	18.25 1.23 0.00	18.66 1.27 0.00	19.94 1.30 0.00	21.24 1.63 0.00	21.69 2.03 0.00	23.46 2.46 0.00	28.70 3.33 0.05	31.35 3.70 0.00	32.57 4.02 0.00	31.63 4.05 0.00	27.49 3.42 0.00	23.61 2.59 0.00	22.18 2.14 0.00	21.07 1.97 0.00
MENANDS__115KV_TB5 355628	19.85 0.54 0.00	18.01 0.56 0.00	18.69 0.45 -3.14	18.31 0.45 -3.47	17.67 0.48 -2.33	18.21 0.45 -3.61	17.09 0.55 -1.29	17.98 0.52 -2.04	17.73 0.47 -1.67	17.66 0.45 -1.52	17.52 0.49 0.00	17.88 0.49 0.00	19.09 0.45 0.00	20.16 0.55 0.00	20.32 0.65 0.00	21.72 0.71 0.00	26.16 0.81 0.07	28.55 0.91 0.00	29.63 1.08 0.00	28.63 1.05 0.00	24.94 0.87 0.00	21.80 0.78 0.00	20.74 0.70 0.00	19.77 0.67 0.00
MG INDUSTRY___DRP 24185	19.95 0.64 0.00	18.08 0.63 0.00	18.68 0.53 -3.06	18.29 0.52 -3.38	17.68 0.55 -2.27	18.17 0.51 -3.52	17.08 0.58 -1.26	17.98 0.57 -1.99	17.71 0.50 -1.63	17.67 0.50 -1.48	17.57 0.54 0.00	17.95 0.56 0.00	19.16 0.52 0.00	20.22 0.61 0.00	20.38 0.71 0.00	21.78 0.78 0.00	26.32 0.94 0.04	28.67 1.02 0.00	29.71 1.17 0.00	28.74 1.16 0.00	25.03 0.96 0.00	21.84 0.82 0.00	20.78 0.74 0.00	19.79 0.69 0.00
MID___OSWEGATCHIE_HYD 23849	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.09 -0.18 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.83 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.21 0.00	19.18 -0.43 0.00	19.27 -0.39 0.00	20.71 -0.29 0.00	25.11 -0.31 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.79 -0.23 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
MID___RAQUETTE_HYD 23851	18.87 -0.44 0.00	17.11 -0.35 0.00	14.77 -0.33 0.00	14.03 -0.36 0.00	14.57 -0.30 0.00	13.83 -0.31 0.00	14.96 -0.29 0.00	15.13 -0.29 0.00	15.37 -0.22 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.45 -0.19 0.00	19.18 -0.43 0.00	19.25 -0.41 0.00	20.48 -0.53 0.00	24.83 -0.58 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.81 -0.77 0.00	23.40 -0.67 0.00	20.41 -0.61 0.00	19.40 -0.64 0.00	18.64 -0.46 0.00
MILLIKEN___1 23584	19.68 0.37 0.00	17.77 0.31 0.00	15.81 0.26 -0.45	15.15 0.26 -0.50	15.48 0.28 -0.33	14.96 0.30 -0.52	15.77 0.34 -0.19	16.05 0.34 -0.29	16.11 0.28 -0.24	16.13 0.24 -0.22	17.31 0.29 0.00	17.73 0.33 0.00	19.10 0.47 0.00	20.10 0.49 0.00	20.20 0.53 0.00	21.76 0.76 0.00	26.31 0.89 0.00	28.64 1.00 0.00	29.57 1.03 0.00	28.60 1.02 0.00	25.10 1.04 0.00	21.78 0.76 0.00	20.62 0.58 0.00	19.64 0.53 0.00
MILLIKEN___2 23585	19.68 0.37 0.00	17.77 0.31 0.00	15.81 0.26 -0.45	15.15 0.26 -0.50	15.48 0.28 -0.33	14.96 0.30 -0.52	15.77 0.34 -0.19	16.05 0.34 -0.29	16.11 0.28 -0.24	16.13 0.24 -0.22	17.31 0.29 0.00	17.73 0.33 0.00	19.10 0.47 0.00	20.10 0.49 0.00	20.20 0.53 0.00	21.76 0.76 0.00	26.31 0.89 0.00	28.64 1.00 0.00	29.57 1.03 0.00	28.60 1.02 0.00	25.10 1.04 0.00	21.78 0.76 0.00	20.62 0.58 0.00	19.64 0.53 0.00
MILLIKEN___DIESEL 23629	19.68 0.37 0.00	17.77 0.31 0.00	15.81 0.26 -0.45	15.15 0.26 -0.50	15.48 0.28 -0.33	14.96 0.30 -0.52	15.77 0.34 -0.19	16.05 0.34 -0.29	16.11 0.28 -0.24	16.13 0.24 -0.22	17.31 0.29 0.00	17.73 0.33 0.00	19.10 0.47 0.00	20.10 0.49 0.00	20.20 0.53 0.00	21.76 0.76 0.00	26.31 0.89 0.00	28.64 1.00 0.00	29.57 1.03 0.00	28.60 1.02 0.00	25.10 1.04 0.00	21.78 0.76 0.00	20.62 0.58 0.00	19.64 0.53 0.00
MILLSEAT___LFGE 323607	19.24 -0.08 0.00	17.32 -0.14 0.00	15.28 -0.15 -0.33	14.69 -0.07 -0.37	15.03 -0.07 -0.25	14.47 -0.06 -0.38	15.31 -0.08 -0.14	15.43 -0.20 -0.22	15.38 -0.39 -0.18	15.34 -0.50 -0.16	16.66 -0.36 0.00	17.17 -0.23 0.00	18.62 -0.02 0.00	19.49 -0.12 0.00	19.71 0.04 0.00	21.23 0.23 0.00	25.37 -0.05 0.00	27.34 -0.30 0.00	28.06 -0.49 0.00	27.36 -0.22 0.00	24.26 0.19 0.00	20.94 -0.08 0.00	19.90 -0.14 0.00	19.06 -0.04 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.34 1.02 0.00	18.43 0.98 0.00	18.32 0.82 -2.41	17.79 0.73 -2.66	17.40 0.74 -1.79	17.64 0.72 -2.78	17.03 0.79 -0.99	17.82 0.83 -1.57	17.79 0.92 -1.28	17.81 0.96 -1.17	18.04 1.02 0.00	18.42 1.03 0.00	19.64 1.01 0.00	20.76 1.16 0.00	20.85 1.18 0.00	22.39 1.39 0.00	27.26 1.78 -0.06	29.52 1.88 0.00	30.54 2.00 0.00	29.48 1.90 0.00	25.59 1.52 0.00	22.43 1.41 0.00	21.30 1.26 0.00	20.23 1.13 0.00
MILLWOOD_13_KV_LOAD 356217	20.37 1.06 0.00	18.47 1.01 0.00	18.35 0.85 -2.41	17.82 0.76 -2.66	17.41 0.76 -1.79	17.65 0.74 -2.78	17.06 0.82 -0.99	17.85 0.86 -1.57	17.82 0.95 -1.28	17.82 0.97 -1.17	18.09 1.07 0.00	18.47 1.08 0.00	19.72 1.08 0.00	20.82 1.22 0.00	20.89 1.22 0.00	22.43 1.43 0.00	27.31 1.83 -0.06	29.61 1.96 0.00	30.66 2.11 0.00	29.59 2.01 0.00	25.66 1.59 0.00	22.51 1.49 0.00	21.36 1.32 0.00	20.31 1.20 0.00
MODEL_CITY_ENERGY 24167	18.71 -0.60 0.00	16.88 -0.58 0.00	14.90 -0.54 -0.35	14.36 -0.42 -0.38	14.68 -0.45 -0.26	14.13 -0.41 -0.40	14.92 -0.47 -0.14	15.03 -0.62 -0.23	14.93 -0.84 -0.18	14.91 -0.94 -0.17	16.19 -0.83 0.00	16.66 -0.73 0.00	18.08 -0.56 0.00	18.90 -0.71 0.00	19.12 -0.55 0.00	20.58 -0.42 0.00	24.53 -0.89 0.00	26.37 -1.27 0.00	27.03 -1.51 0.00	26.36 -1.21 0.00	23.40 -0.67 0.00	20.26 -0.76 0.00	19.30 -0.74 0.00	18.49 -0.61 0.00
MODERN_LFGE_ 323580	18.71 -0.60 0.00	16.88 -0.58 0.00	14.90 -0.54 -0.35	14.36 -0.42 -0.38	14.68 -0.45 -0.26	14.13 -0.41 -0.40	14.92 -0.47 -0.14	15.03 -0.62 -0.23	14.93 -0.84 -0.18	14.91 -0.94 -0.17	16.19 -0.83 0.00	16.66 -0.73 0.00	18.08 -0.56 0.00	18.90 -0.71 0.00	19.12 -0.55 0.00	20.58 -0.42 0.00	24.53 -0.89 0.00	26.37 -1.27 0.00	27.03 -1.51 0.00	26.36 -1.21 0.00	23.40 -0.67 0.00	20.26 -0.76 0.00	19.30 -0.74 0.00	18.49 -0.61 0.00
MOHAWK_PAPER___DRP 24187	19.95 0.64 0.00	18.08 0.63 0.00	18.77 0.53 -3.15	18.39 0.52 -3.48	17.73 0.54 -2.34	18.27 0.51 -3.62	17.14 0.59 -1.29	18.05 0.59 -2.04	17.79 0.53 -1.67	17.74 0.53 -1.53	17.58 0.56 0.00	17.95 0.56 0.00	19.18 0.54 0.00	20.26 0.65 0.00	20.44 0.77 0.00	21.84 0.84 0.00	26.36 1.02 0.07	28.78 1.13 0.00	29.83 1.28 0.00	28.85 1.27 0.00	25.13 1.06 0.00	21.92 0.90 0.00	20.86 0.82 0.00	19.87 0.76 0.00
MOHICAN__35_KV_115KV_LD 80490	20.55 1.24 0.00	18.57 1.12 0.00	19.38 1.04 -3.24	18.95 0.98 -3.58	18.29 1.03 -2.40	18.85 0.98 -3.73	17.65 1.07 -1.33	18.57 1.05 -2.10	18.35 1.04 -1.72	18.32 1.07 -1.57	18.11 1.09 0.00	18.53 1.13 0.00	19.79 1.16 0.00	20.86 1.25 0.00	21.20 1.53 0.00	22.68 1.68 0.00	27.48 2.14 0.07	30.05 2.40 0.00	31.40 2.85 0.00	30.42 2.84 0.00	26.48 2.41 0.00	22.95 1.93 0.00	21.74 1.70 0.00	20.67 1.57 0.00
MONGAUP___HYD 23641	20.32 1.00 0.00	18.38 0.92 0.00	18.02 0.77 -2.15	17.45 0.68 -2.38	17.16 0.70 -1.60	17.30 0.68 -2.48	16.90 0.76 -0.89	17.61 0.79 -1.40	17.48 0.75 -1.15	17.46 0.74 -1.05	17.77 0.75 0.00	18.11 0.71 0.00	19.36 0.73 0.00	20.45 0.84 0.00	20.55 0.89 0.00	22.14 1.13 0.00	26.97 1.50 -0.05	29.27 1.63 0.00	30.31 1.77 0.00	29.32 1.74 0.00	25.51 1.44 0.00	22.39 1.37 0.00	21.24 1.20 0.00	20.13 1.03 0.00
MONTAUK___DIESEL 23721	23.15 2.74 -1.09	20.01 2.53 -0.02	19.72 2.17 -2.45	18.92 1.84 -2.69	18.50 1.83 -1.80	18.77 1.82 -2.80	18.35 2.10 -1.00	19.99 2.24 -2.33	21.16 2.28 -3.30	22.11 2.29 -4.14	21.57 2.42 -2.13	22.77 2.49 -2.89	24.46 2.65 -3.18	26.88 2.96 -4.31	31.41 3.21 -8.53	31.37 3.55 -6.82	35.00 4.55 -5.03	41.00 5.00 -8.35	36.51 5.19 -2.78	35.26 4.94 -2.75	33.89 4.02 -5.80	32.86 3.57 -8.27	26.60 3.37 -3.20	24.74 3.09 -2.55
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.47 0.15 0.00	17.28 -0.17 0.00	15.09 -0.41 -0.40	14.50 -0.33 -0.44	14.79 -0.37 -0.30	14.28 -0.33 -0.46	15.12 -0.29 -0.16	15.37 -0.31 -0.26	15.37 -0.44 -0.21	15.45 -0.42 -0.19	17.16 0.14 0.00	17.62 0.23 0.00	19.03 0.39 0.00	19.88 0.27 0.00	20.18 0.51 0.00	21.65 0.65 0.00	25.83 0.41 0.00	27.84 0.19 0.00	28.51 -0.03 0.00	27.66 0.08 0.00	24.41 0.34 0.00	21.10 0.08 0.00	20.00 -0.04 0.00	19.14 0.04 0.00
MORTIMER_115KV_TB3 55949	19.27 -0.04 0.00	17.32 -0.14 0.00	15.35 -0.03 -0.28	14.73 0.03 -0.31	15.12 0.04 -0.21	14.51 0.04 -0.32	15.43 0.06 -0.12	15.63 0.03 -0.18	15.58 -0.16 -0.15	15.60 -0.22 -0.14	16.80 -0.22 0.00	17.29 -0.10 0.00	18.69 0.06 0.00	19.61 0.00 0.00	19.81 0.14 0.00	21.23 0.23 0.00	25.47 0.05 0.00	27.59 -0.06 0.00	28.37 -0.17 0.00	27.58 0.00 0.00	24.31 0.24 0.00	21.06 0.04 0.00	20.02 -0.02 0.00	19.14 0.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.89 1.01 -1.29	17.93 1.07 -1.18	18.16 1.14 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	20.99 1.32 0.00	22.58 1.58 0.00	27.54 2.06 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
MUNSVILLE_WIND_PWR 323609	20.76 1.45 0.00	18.70 1.24 0.00	16.66 0.89 -0.67	16.06 0.93 -0.74	16.25 0.89 -0.49	15.80 0.89 -0.77	16.68 1.16 -0.27	16.85 1.00 -0.43	16.88 0.94 -0.35	16.85 0.85 -0.32	17.99 0.97 0.00	18.42 1.03 0.00	20.05 1.42 0.00	21.10 1.49 0.00	21.34 1.67 0.00	22.96 1.95 0.00	27.86 2.44 0.00	30.54 2.90 0.00	31.34 2.80 0.00	30.39 2.81 0.00	26.81 2.74 0.00	23.21 2.19 0.00	21.64 1.60 0.00	20.54 1.43 0.00
N SALMON___HYD 24042	19.14 -0.17 0.00	17.28 -0.17 0.00	14.92 -0.18 0.00	14.13 -0.26 0.00	14.61 -0.25 0.00	13.87 -0.27 0.00	14.96 -0.29 0.00	15.17 -0.25 0.00	15.45 -0.14 0.00	15.62 -0.06 0.00	16.97 -0.05 0.00	17.27 -0.12 0.00	18.51 -0.13 0.00	19.35 -0.26 0.00	19.39 -0.28 0.00	20.60 -0.40 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	26.83 -0.74 0.00	23.32 -0.75 0.00	20.26 -0.76 0.00	19.34 -0.70 0.00	18.51 -0.59 0.00
N.AKRON__115KV_KNAPP 355671	19.23 -0.08 0.00	17.23 -0.23 0.00	15.27 -0.17 -0.33	14.69 -0.07 -0.37	15.04 -0.07 -0.25	14.47 -0.06 -0.38	15.32 -0.06 -0.14	15.51 -0.12 -0.22	15.38 -0.39 -0.18	15.34 -0.50 -0.16	16.66 -0.36 0.00	17.17 -0.23 0.00	18.62 -0.02 0.00	19.49 -0.12 0.00	19.77 0.10 0.00	21.23 0.23 0.00	25.27 -0.15 0.00	27.31 -0.33 0.00	28.03 -0.51 0.00	27.33 -0.25 0.00	24.14 0.07 0.00	20.94 -0.08 0.00	19.86 -0.18 0.00	19.04 -0.06 0.00
N.BELMOR_69_KV_BK1 55787	21.99 1.58 -1.09	18.94 1.47 -0.02	18.80 1.25 -2.45	18.13 1.05 -2.69	17.71 1.04 -1.80	17.97 1.03 -2.80	17.45 1.20 -1.00	19.02 1.26 -2.33	20.24 1.36 -3.30	21.22 1.40 -4.14	20.61 1.46 -2.13	21.75 1.46 -2.89	23.31 1.49 -3.18	25.59 1.67 -4.31	29.90 1.71 -8.52	27.29 1.95 -4.33	28.67 2.54 -0.71	38.69 2.71 -8.34	34.09 2.83 -2.72	31.39 2.68 -1.14	31.89 2.14 -5.68	27.39 1.95 -4.41	25.08 1.84 -3.20	23.33 1.68 -2.55

N.E_GEN_SANDY PD 24062	20.12 0.81 0.00	18.24 0.79 0.00	18.57 0.66 -2.81	18.10 0.60 -3.10	17.57 0.62 -2.09	17.98 0.61 -3.23	17.10 0.70 -1.15	17.94 0.69 -1.82	17.78 0.70 -1.49	17.73 0.69 -1.36	17.70 0.68 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.47 0.81 0.00	21.90 0.90 0.00	26.00 1.07 0.49	28.83 1.19 0.00	29.91 1.37 0.00	28.90 1.32 0.00	25.15 1.08 0.00	22.11 1.09 0.00	21.04 1.00 0.00	20.00 0.90 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.32 1.00 0.00	18.40 0.94 0.00	18.22 0.80 -2.32	17.67 0.72 -2.56	17.30 0.71 -1.72	17.52 0.71 -2.67	16.98 0.78 -0.95	17.74 0.82 -1.51	17.72 0.90 -1.23	17.73 0.93 -1.12	18.01 0.99 0.00	18.37 0.97 0.00	19.61 0.97 0.00	20.73 1.12 0.00	20.81 1.14 0.00	22.37 1.37 0.00	27.23 1.75 -0.05	29.49 1.85 0.00	30.51 1.97 0.00	29.45 1.88 0.00	25.56 1.49 0.00	22.41 1.39 0.00	21.26 1.22 0.00	20.21 1.11 0.00
N.QUEENS_27_KV_LOAD 356247	20.47 1.16 0.00	18.54 1.08 0.00	18.42 0.89 -2.43	17.85 0.78 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.04 0.79 -1.00	17.91 0.91 -1.58	17.85 0.97 -1.29	17.93 1.07 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.04 1.38 0.00	22.70 1.70 0.00	27.79 2.31 -0.06	29.96 2.32 0.00	30.88 2.34 0.00	29.81 2.23 0.00	25.73 1.66 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.52 1.41 0.00
N.TROY____115KV_TB1 355778	20.10 0.79 0.00	18.21 0.75 0.00	18.91 0.65 -3.17	18.51 0.62 -3.50	17.85 0.64 -2.35	18.40 0.61 -3.65	17.22 0.67 -1.30	18.14 0.66 -2.06	17.93 0.65 -1.68	17.86 0.64 -1.54	17.69 0.66 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.55 0.89 0.00	21.95 0.95 0.00	26.47 1.14 0.09	28.94 1.30 0.00	30.06 1.51 0.00	29.07 1.49 0.00	25.32 1.25 0.00	22.07 1.05 0.00	21.02 0.98 0.00	20.02 0.92 0.00
NARROWS_GT1_1 24228	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_2 24229	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_3 24230	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_4 24231	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_5 24232	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_6 24233	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_7 24234	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT1_8 24235	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_1 24236	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_2 24237	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_3 24238	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00

NARROWS_GT2_4 24239	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_5 24240	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_6 24241	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_7 24242	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NARROWS_GT2_8 24243	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.20 0.89 0.00	18.29 0.84 0.00	18.62 0.60 -2.92	18.20 0.58 -3.23	17.67 0.64 -2.17	18.11 0.61 -3.36	17.17 0.72 -1.20	18.01 0.69 -1.90	17.66 0.51 -1.55	17.58 0.49 -1.42	17.60 0.58 0.00	17.95 0.56 0.00	19.16 0.52 0.00	20.26 0.65 0.00	20.51 0.85 0.00	21.97 0.97 0.00	26.81 1.42 0.03	29.14 1.49 0.00	30.28 1.74 0.00	29.29 1.71 0.00	25.49 1.42 0.00	22.20 1.18 0.00	21.08 1.04 0.00	20.08 0.97 0.00
NCHELSEA_115KV_TR2 355582	20.45 1.14 0.00	18.52 1.06 0.00	18.43 0.89 -2.44	17.87 0.79 -2.69	17.47 0.80 -1.81	17.73 0.78 -2.80	17.09 0.84 -1.00	17.87 0.86 -1.58	17.79 0.90 -1.30	17.79 0.93 -1.18	18.01 0.99 0.00	18.37 0.97 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.19 1.73 -0.04	29.52 1.88 0.00	30.60 2.06 0.00	29.56 1.99 0.00	25.66 1.59 0.00	22.49 1.47 0.00	21.34 1.30 0.00	20.29 1.18 0.00
NEG CAPITAL___MECHNVIL 23645	20.33 1.02 0.00	18.40 0.94 0.00	19.14 0.83 -3.21	18.73 0.79 -3.55	18.07 0.82 -2.39	18.62 0.78 -3.70	17.44 0.87 -1.32	18.34 0.83 -2.09	18.12 0.83 -1.71	18.07 0.83 -1.56	17.91 0.88 0.00	18.30 0.90 0.00	19.57 0.93 0.00	20.67 1.06 0.00	20.89 1.22 0.00	22.37 1.36 0.00	27.04 1.70 0.08	29.55 1.91 0.00	30.71 2.17 0.00	29.73 2.15 0.00	25.88 1.81 0.00	22.53 1.51 0.00	21.38 1.34 0.00	20.33 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.91 -0.41 0.00	17.00 -0.45 0.00	15.07 -0.30 -0.27	14.43 -0.26 -0.30	14.83 -0.24 -0.20	14.23 -0.23 -0.31	15.04 -0.32 -0.11	15.29 -0.31 -0.18	15.33 -0.41 -0.14	15.36 -0.46 -0.13	16.55 -0.48 0.00	17.01 -0.38 0.00	18.40 -0.24 0.00	19.31 -0.29 0.00	19.45 -0.22 0.00	20.90 -0.10 0.00	25.14 -0.28 0.00	27.23 -0.41 0.00	28.00 -0.54 0.00	27.22 -0.36 0.00	24.00 -0.07 0.00	20.75 -0.27 0.00	19.70 -0.34 0.00	18.82 -0.29 0.00
NEG CENTRAL___DRP 24199	19.37 0.06 0.00	17.47 0.02 0.00	15.41 0.02 -0.30	14.76 0.04 -0.33	15.14 0.06 -0.22	14.57 0.08 -0.34	15.48 0.11 -0.12	15.71 0.09 -0.19	15.78 0.03 -0.16	15.81 -0.02 -0.14	17.06 0.03 0.00	17.50 0.10 0.00	18.88 0.24 0.00	19.84 0.24 0.00	19.96 0.30 0.00	21.49 0.48 0.00	25.93 0.51 0.00	28.20 0.55 0.00	29.06 0.51 0.00	28.13 0.55 0.00	24.72 0.65 0.00	21.42 0.40 0.00	20.28 0.24 0.00	19.33 0.23 0.00
NEG CENTRAL___INDECK 23768	19.93 0.62 0.00	17.91 0.45 0.00	15.87 0.38 -0.39	15.21 0.39 -0.43	15.60 0.45 -0.29	15.03 0.44 -0.45	15.91 0.50 -0.16	16.11 0.43 -0.25	16.09 0.30 -0.21	16.03 0.16 -0.19	17.28 0.26 0.00	17.76 0.37 0.00	19.23 0.60 0.00	20.18 0.57 0.00	20.38 0.71 0.00	22.03 1.03 0.00	26.59 1.17 0.00	28.91 1.27 0.00	29.80 1.25 0.00	28.98 1.41 0.00	25.66 1.59 0.00	22.05 1.03 0.00	20.84 0.80 0.00	19.87 0.76 0.00
NEG CENTRAL___SENECA 23627	19.47 0.15 0.00	17.54 0.09 0.00	15.49 0.06 -0.33	14.84 0.09 -0.36	15.23 0.12 -0.24	14.66 0.14 -0.38	15.55 0.17 -0.14	15.80 0.17 -0.21	15.84 0.08 -0.18	15.87 0.03 -0.16	17.12 0.10 0.00	17.59 0.19 0.00	18.99 0.35 0.00	19.96 0.35 0.00	20.14 0.47 0.00	21.67 0.67 0.00	26.13 0.71 0.00	28.42 0.77 0.00	29.26 0.71 0.00	28.32 0.74 0.00	24.91 0.84 0.00	21.55 0.53 0.00	20.38 0.34 0.00	19.43 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	19.43 0.12 0.00	17.53 0.07 0.00	15.47 0.08 -0.29	14.80 0.09 -0.32	15.20 0.12 -0.22	14.60 0.13 -0.33	15.52 0.15 -0.12	15.76 0.15 -0.19	15.84 0.09 -0.15	15.90 0.08 -0.14	17.14 0.12 0.00	17.57 0.17 0.00	18.92 0.28 0.00	19.90 0.29 0.00	19.96 0.30 0.00	21.49 0.48 0.00	25.98 0.56 0.00	28.25 0.61 0.00	29.14 0.60 0.00	28.21 0.63 0.00	24.74 0.67 0.00	21.44 0.42 0.00	20.34 0.30 0.00	19.37 0.27 0.00
NEG MILLWOOD___DRP 24198	20.51 1.20 0.00	18.57 1.12 0.00	18.50 0.94 -2.47	17.97 0.85 -2.73	17.54 0.85 -1.83	17.79 0.81 -2.84	17.15 0.88 -1.01	17.93 0.91 -1.60	17.90 1.00 -1.31	17.88 1.00 -1.20	18.20 1.17 0.00	18.56 1.17 0.00	19.81 1.17 0.00	20.92 1.31 0.00	20.93 1.26 0.00	22.45 1.45 0.00	27.35 1.88 -0.05	29.69 2.05 0.00	30.88 2.34 0.00	29.87 2.29 0.00	25.90 1.83 0.00	22.70 1.68 0.00	21.50 1.46 0.00	20.46 1.36 0.00
NEG NORTH_FLCN_SEA 23793	19.27 -0.04 0.00	17.39 -0.07 0.00	14.99 -0.11 0.00	14.19 -0.20 0.00	14.66 -0.21 0.00	13.90 -0.24 0.00	14.99 -0.26 0.00	15.19 -0.23 0.00	15.46 -0.12 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.41 -0.26 0.00	20.65 -0.36 0.00	25.06 -0.36 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	26.75 -0.83 0.00	23.20 -0.87 0.00	20.18 -0.84 0.00	19.26 -0.78 0.00	18.41 -0.69 0.00

NEG NORTH_KES_CHATEGAY 23792	19.10 -0.21 0.00	17.25 -0.21 0.00	14.87 -0.23 0.00	14.09 -0.30 0.00	14.55 -0.31 0.00	13.82 -0.33 0.00	14.90 -0.35 0.00	15.10 -0.32 0.00	15.35 -0.23 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.38 -0.26 0.00	19.26 -0.35 0.00	19.27 -0.39 0.00	20.46 -0.55 0.00	24.86 -0.56 0.00	26.98 -0.66 0.00	27.69 -0.86 0.00	26.56 -1.02 0.00	23.06 -1.01 0.00	20.07 -0.95 0.00	19.16 -0.88 0.00	18.32 -0.78 0.00
NEG NORTH___ALICE_FALLS 23915	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.18 -0.22 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.99 -0.26 0.00	15.19 -0.23 0.00	15.48 -0.11 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.43 -0.24 0.00	20.67 -0.34 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	27.94 -0.60 0.00	26.81 -0.77 0.00	23.25 -0.82 0.00	20.22 -0.80 0.00	19.28 -0.76 0.00	18.43 -0.67 0.00
NEG NORTH___LWR_SARANAC 23913	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.18 -0.22 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.99 -0.26 0.00	15.19 -0.23 0.00	15.48 -0.11 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.43 -0.24 0.00	20.67 -0.34 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	27.94 -0.60 0.00	26.81 -0.77 0.00	23.25 -0.82 0.00	20.22 -0.80 0.00	19.28 -0.76 0.00	18.43 -0.67 0.00
NEG NORTH___PLATTSBURG 23628	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.18 -0.22 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.97 -0.27 0.00	15.19 -0.23 0.00	15.48 -0.11 0.00	15.63 -0.05 0.00	16.99 -0.03 0.00	17.31 -0.09 0.00	18.53 -0.11 0.00	19.41 -0.20 0.00	19.43 -0.24 0.00	20.64 -0.36 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	27.94 -0.60 0.00	26.81 -0.77 0.00	23.25 -0.82 0.00	20.18 -0.84 0.00	19.28 -0.76 0.00	18.43 -0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	18.93 -0.39 0.00	16.95 -0.51 0.00	15.03 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.26	14.27 -0.27 -0.40	15.07 -0.32 -0.14	15.27 -0.37 -0.22	15.10 -0.67 -0.18	15.06 -0.78 -0.17	16.39 -0.63 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.41 -0.26 0.00	20.83 -0.17 0.00	24.76 -0.66 0.00	26.70 -0.94 0.00	27.37 -1.17 0.00	26.70 -0.88 0.00	23.59 -0.48 0.00	20.49 -0.53 0.00	19.48 -0.56 0.00	18.70 -0.40 0.00
NEG WEST___LANCASTR 23811	19.12 -0.19 0.00	17.14 -0.31 0.00	14.71 -0.79 -0.40	14.16 -0.68 -0.44	14.46 -0.70 -0.30	13.97 -0.64 -0.46	14.73 -0.69 -0.16	14.96 -0.72 -0.26	14.88 -0.92 -0.21	14.86 -1.02 -0.19	16.73 -0.29 0.00	17.20 -0.19 0.00	18.62 -0.02 0.00	19.49 -0.12 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.32 -0.10 0.00	27.34 -0.30 0.00	28.06 -0.49 0.00	27.25 -0.33 0.00	24.05 -0.02 0.00	20.85 -0.17 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
NEG_PENN_ALLEGHNY 23528	19.54 0.23 0.00	17.65 0.19 0.00	15.93 0.12 -0.71	15.33 0.14 -0.79	15.56 0.16 -0.53	15.14 0.17 -0.82	15.80 0.26 -0.29	16.04 0.15 -0.46	16.11 0.14 -0.38	16.12 0.09 -0.35	17.24 0.22 0.00	17.66 0.26 0.00	18.99 0.35 0.00	19.98 0.37 0.00	20.08 0.41 0.00	21.59 0.59 0.00	26.11 0.69 0.00	28.33 0.69 0.00	29.23 0.68 0.00	28.27 0.69 0.00	24.82 0.75 0.00	21.57 0.55 0.00	20.44 0.40 0.00	19.46 0.36 0.00
NEG___GEN_MONROE 24207	19.33 0.02 0.00	17.39 -0.07 0.00	15.43 0.05 -0.28	14.81 0.10 -0.31	15.19 0.12 -0.21	14.56 0.08 -0.33	15.43 0.06 -0.12	15.60 0.00 -0.18	15.57 -0.17 -0.15	15.57 -0.25 -0.14	16.78 -0.24 0.00	17.24 -0.16 0.00	18.68 0.04 0.00	19.61 0.00 0.00	19.83 0.16 0.00	21.25 0.25 0.00	25.42 0.00 0.00	27.53 -0.11 0.00	28.29 -0.26 0.00	27.52 -0.06 0.00	24.29 0.22 0.00	21.00 -0.02 0.00	19.98 -0.06 0.00	19.14 0.04 0.00
NEPA___ENERGY 23901	19.23 -0.08 0.00	17.23 -0.23 0.00	15.16 -0.35 -0.41	14.59 -0.24 -0.45	14.91 -0.25 -0.30	14.40 -0.21 -0.47	15.19 -0.23 -0.17	15.42 -0.26 -0.26	15.38 -0.42 -0.22	15.36 -0.52 -0.20	16.90 -0.12 0.00	17.38 -0.02 0.00	18.79 0.15 0.00	19.67 0.06 0.00	19.96 0.30 0.00	21.42 0.42 0.00	25.57 0.15 0.00	27.59 -0.06 0.00	28.31 -0.23 0.00	27.47 -0.11 0.00	24.24 0.17 0.00	21.02 0.00 0.00	19.90 -0.14 0.00	19.08 -0.02 0.00
NEVERSINK___HYD 23608	20.24 0.93 0.00	18.28 0.82 0.00	17.87 0.68 -2.09	17.30 0.59 -2.31	17.03 0.61 -1.56	17.15 0.59 -2.41	16.80 0.69 -0.86	17.50 0.72 -1.36	17.39 0.69 -1.11	17.35 0.66 -1.02	17.70 0.68 0.00	18.04 0.64 0.00	19.27 0.63 0.00	20.33 0.73 0.00	20.43 0.77 0.00	22.01 1.01 0.00	26.82 1.37 -0.03	29.22 1.57 0.00	30.26 1.71 0.00	29.23 1.65 0.00	25.39 1.32 0.00	22.30 1.28 0.00	21.14 1.10 0.00	20.04 0.94 0.00
NEWKRMKL_115KV_TB1 55635	19.76 0.44 0.00	17.93 0.47 0.00	18.62 0.38 -3.14	18.25 0.39 -3.47	17.60 0.40 -2.33	18.14 0.38 -3.62	17.04 0.50 -1.29	17.95 0.49 -2.04	17.66 0.41 -1.67	17.60 0.39 -1.52	17.45 0.43 0.00	17.83 0.43 0.00	19.03 0.39 0.00	20.10 0.49 0.00	20.26 0.59 0.00	21.65 0.65 0.00	26.09 0.74 0.06	28.47 0.83 0.00	29.51 0.97 0.00	28.54 0.97 0.00	24.84 0.77 0.00	21.71 0.69 0.00	20.66 0.62 0.00	19.68 0.57 0.00
NEWTON___FALLS_HYD 23847	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.09 -0.18 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.83 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.21 0.00	19.18 -0.43 0.00	19.27 -0.39 0.00	20.71 -0.29 0.00	25.11 -0.31 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.79 -0.23 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
NGRID_A1_DSASP 323792	18.73 -0.58 0.00	16.62 -0.84 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.23 -0.31 -0.40	14.92 -0.47 -0.14	15.00 -0.65 -0.23	14.84 -0.93 -0.19	14.81 -1.04 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	18.92 -0.75 0.00	20.37 -0.63 0.00	24.28 -1.14 0.00	26.10 -1.55 0.00	26.75 -1.80 0.00	26.09 -1.49 0.00	23.13 -0.94 0.00	20.05 -0.97 0.00	19.12 -0.92 0.00	18.34 -0.76 0.00
NGRID_A2_DSASP 323793	18.73 -0.58 0.00	16.62 -0.84 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.23 -0.31 -0.40	14.92 -0.47 -0.14	15.00 -0.65 -0.23	14.84 -0.93 -0.19	14.81 -1.04 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	18.92 -0.75 0.00	20.37 -0.63 0.00	24.28 -1.14 0.00	26.10 -1.55 0.00	26.75 -1.80 0.00	26.09 -1.49 0.00	23.13 -0.94 0.00	20.05 -0.97 0.00	19.12 -0.92 0.00	18.34 -0.76 0.00
NGRID_A4_DSASP 323807	18.73 -0.58 0.00	16.78 -0.68 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.25 -0.30 -0.40	14.97 -0.43 -0.14	15.11 -0.54 -0.23	14.84 -0.94 -0.19	14.81 -1.03 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	19.00 -0.67 0.00	20.37 -0.63 0.00	24.20 -1.22 0.00	26.09 -1.55 0.00	26.74 -1.80 0.00	26.09 -1.49 0.00	23.03 -1.04 0.00	20.07 -0.95 0.00	19.08 -0.96 0.00	18.34 -0.76 0.00

NIAGARA_115E_LBMP 323715	18.60 -0.71 0.00	16.81 -0.65 0.00	14.82 -0.63 -0.35	14.29 -0.49 -0.39	14.60 -0.52 -0.26	14.07 -0.48 -0.40	14.84 -0.55 -0.14	14.94 -0.71 -0.23	14.86 -0.92 -0.19	14.83 -1.02 -0.17	16.09 -0.94 0.00	16.56 -0.83 0.00	17.95 -0.69 0.00	18.79 -0.82 0.00	18.98 -0.69 0.00	20.44 -0.57 0.00	24.38 -1.04 0.00	26.18 -1.47 0.00	26.86 -1.68 0.00	26.17 -1.41 0.00	23.23 -0.84 0.00	20.12 -0.90 0.00	19.18 -0.86 0.00	18.38 -0.73 0.00
NIAGARA_115W_LBMP 323714	18.69 -0.62 0.00	16.57 -0.89 0.00	14.95 -0.50 -0.35	14.43 -0.35 -0.39	14.77 -0.36 -0.26	14.22 -0.32 -0.40	14.89 -0.50 -0.14	14.97 -0.68 -0.23	14.79 -0.98 -0.19	14.78 -1.07 -0.17	16.00 -1.02 0.00	16.47 -0.92 0.00	17.86 -0.78 0.00	18.67 -0.94 0.00	18.86 -0.81 0.00	20.31 -0.69 0.00	24.23 -1.19 0.00	26.01 -1.63 0.00	26.66 -1.88 0.00	26.01 -1.57 0.00	23.08 -0.99 0.00	20.01 -1.01 0.00	19.08 -0.96 0.00	18.28 -0.82 0.00
NIAGARA_230_LBMP 323716	18.79 -0.52 0.00	16.83 -0.63 0.00	14.98 -0.47 -0.34	14.44 -0.33 -0.38	14.78 -0.34 -0.26	14.23 -0.31 -0.40	14.99 -0.40 -0.14	15.12 -0.52 -0.22	15.02 -0.75 -0.18	15.00 -0.85 -0.17	16.24 -0.78 0.00	16.72 -0.68 0.00	18.12 -0.52 0.00	18.96 -0.65 0.00	19.16 -0.51 0.00	20.60 -0.40 0.00	24.61 -0.81 0.00	26.45 -1.19 0.00	27.12 -1.43 0.00	26.45 -1.13 0.00	23.44 -0.63 0.00	20.33 -0.69 0.00	19.36 -0.68 0.00	18.55 -0.55 0.00
NIAGARA__115KV_198_GIBSON 55903	18.69 -0.62 0.00	16.74 -0.72 0.00	14.97 -0.48 -0.35	14.43 -0.35 -0.39	14.77 -0.36 -0.26	14.22 -0.33 -0.40	14.93 -0.46 -0.14	15.08 -0.57 -0.23	14.81 -0.97 -0.19	14.77 -1.08 -0.17	16.00 -1.02 0.00	16.47 -0.92 0.00	17.86 -0.78 0.00	18.67 -0.94 0.00	18.94 -0.73 0.00	20.31 -0.69 0.00	24.12 -1.30 0.00	26.01 -1.63 0.00	26.66 -1.88 0.00	26.01 -1.57 0.00	22.99 -1.08 0.00	20.01 -1.01 0.00	19.04 -1.00 0.00	18.28 -0.82 0.00
NIAGARA____ 23760	18.79 -0.52 0.00	16.83 -0.63 0.00	14.98 -0.47 -0.35	14.45 -0.33 -0.39	14.78 -0.34 -0.26	14.24 -0.31 -0.40	15.00 -0.40 -0.14	15.12 -0.52 -0.23	15.03 -0.75 -0.19	15.00 -0.85 -0.17	16.24 -0.78 0.00	16.72 -0.68 0.00	18.12 -0.52 0.00	18.96 -0.65 0.00	19.16 -0.51 0.00	20.60 -0.40 0.00	24.61 -0.81 0.00	26.45 -1.19 0.00	27.12 -1.43 0.00	26.45 -1.13 0.00	23.44 -0.63 0.00	20.33 -0.69 0.00	19.36 -0.68 0.00	18.55 -0.55 0.00
NINE_MILE_1 23575	18.89 -0.42 0.00	17.06 -0.40 0.00	14.91 -0.33 -0.15	14.24 -0.32 -0.16	14.66 -0.31 -0.11	14.01 -0.30 -0.17	14.97 -0.34 -0.06	15.17 -0.37 -0.09	15.29 -0.37 -0.08	15.36 -0.39 -0.07	16.61 -0.41 0.00	17.01 -0.38 0.00	18.27 -0.37 0.00	19.22 -0.39 0.00	19.25 -0.41 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.62 -0.42 0.00	18.74 -0.36 0.00
NINE_MILE_2 23744	18.89 -0.42 0.00	17.06 -0.40 0.00	14.91 -0.33 -0.14	14.25 -0.30 -0.16	14.66 -0.31 -0.11	14.01 -0.30 -0.17	14.97 -0.34 -0.06	15.17 -0.37 -0.09	15.29 -0.37 -0.08	15.37 -0.38 -0.07	16.61 -0.41 0.00	17.01 -0.38 0.00	18.27 -0.37 0.00	19.22 -0.39 0.00	19.25 -0.41 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.62 -0.42 0.00	18.74 -0.36 0.00
NM_CAPITAL____DRP 24208	19.81 0.50 0.00	17.98 0.52 0.00	18.65 0.42 -3.13	18.27 0.42 -3.46	17.63 0.45 -2.32	18.17 0.42 -3.60	17.05 0.52 -1.29	17.96 0.51 -2.03	17.69 0.44 -1.66	17.62 0.42 -1.52	17.48 0.46 0.00	17.85 0.45 0.00	19.05 0.41 0.00	20.12 0.51 0.00	20.28 0.61 0.00	21.67 0.67 0.00	26.11 0.76 0.07	28.50 0.86 0.00	29.54 1.00 0.00	28.57 0.99 0.00	24.86 0.79 0.00	21.73 0.71 0.00	20.70 0.66 0.00	19.71 0.61 0.00
NM_CENTRAL____DRP 24181	19.22 -0.10 0.00	17.35 -0.10 0.00	15.23 -0.08 -0.20	14.56 -0.06 -0.23	14.97 -0.04 -0.15	14.35 -0.03 -0.24	15.30 -0.03 -0.08	15.52 -0.03 -0.13	15.62 -0.08 -0.11	15.68 -0.09 -0.10	16.94 -0.09 0.00	17.34 -0.05 0.00	18.66 0.02 0.00	19.63 0.02 0.00	19.67 0.00 0.00	21.09 0.08 0.00	25.50 0.08 0.00	27.70 0.06 0.00	28.60 0.06 0.00	27.66 0.08 0.00	24.24 0.17 0.00	21.08 0.06 0.00	20.08 0.04 0.00	19.14 0.04 0.00
NM_FRONTIER____DRP 24179	18.69 -0.62 0.00	16.74 -0.72 0.00	14.97 -0.48 -0.35	14.43 -0.35 -0.39	14.77 -0.36 -0.26	14.22 -0.33 -0.40	14.93 -0.46 -0.14	15.08 -0.57 -0.23	14.81 -0.97 -0.19	14.77 -1.08 -0.17	16.00 -1.02 0.00	16.47 -0.92 0.00	17.86 -0.78 0.00	18.67 -0.94 0.00	18.94 -0.73 0.00	20.31 -0.69 0.00	24.12 -1.30 0.00	26.01 -1.63 0.00	26.66 -1.88 0.00	26.01 -1.57 0.00	22.99 -1.08 0.00	20.01 -1.01 0.00	19.04 -1.00 0.00	18.28 -0.82 0.00
NM_ST_REGIS____HYD 24053	18.93 -0.39 0.00	17.12 -0.33 0.00	14.78 -0.32 0.00	14.05 -0.35 0.00	14.55 -0.31 0.00	13.83 -0.31 0.00	14.94 -0.30 0.00	15.11 -0.31 0.00	15.39 -0.20 0.00	15.54 -0.14 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.43 -0.21 0.00	19.20 -0.41 0.00	19.25 -0.41 0.00	20.48 -0.53 0.00	24.86 -0.56 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.78 -0.80 0.00	23.35 -0.72 0.00	20.35 -0.67 0.00	19.36 -0.68 0.00	18.59 -0.52 0.00
NORTHPORT____1 23551	22.00 1.60 -1.09	18.98 1.50 -0.02	18.83 1.28 -2.45	18.13 1.05 -2.69	17.71 1.04 -1.80	18.02 1.07 -2.80	17.54 1.30 -1.00	19.14 1.39 -2.33	20.29 1.40 -3.30	21.20 1.38 -4.14	20.56 1.41 -2.13	21.68 1.39 -2.89	23.23 1.42 -3.18	25.53 1.61 -4.31	29.81 1.61 -8.53	27.19 1.78 -4.40	28.59 2.34 -0.83	38.64 2.65 -8.34	33.98 2.71 -2.72	31.27 2.51 -1.18	31.73 1.97 -5.68	27.37 1.83 -4.52	25.16 1.92 -3.20	23.37 1.72 -2.55
NORTHPORT____2 23552	22.00 1.60 -1.09	18.98 1.50 -0.02	18.83 1.28 -2.45	18.13 1.05 -2.69	17.71 1.04 -1.80	18.02 1.07 -2.80	17.54 1.30 -1.00	19.14 1.39 -2.33	20.29 1.40 -3.30	21.20 1.38 -4.14	20.56 1.41 -2.13	21.68 1.39 -2.89	23.23 1.42 -3.18	25.53 1.61 -4.31	29.81 1.61 -8.53	27.19 1.78 -4.40	28.59 2.34 -0.83	38.64 2.65 -8.34	33.98 2.71 -2.72	31.27 2.51 -1.18	31.73 1.97 -5.68	27.37 1.83 -4.52	25.16 1.92 -3.20	23.37 1.72 -2.55
NORTHPORT____3 23553	22.11 1.70 -1.10	19.07 1.59 -0.03	18.90 1.34 -2.46	18.21 1.14 -2.69	17.80 1.13 -1.80	18.07 1.13 -2.80	17.60 1.36 -1.00	19.19 1.43 -2.34	20.35 1.45 -3.31	21.30 1.47 -4.15	20.61 1.46 -2.13	21.76 1.48 -2.89	23.32 1.51 -3.18	25.57 1.65 -4.31	29.63 1.44 -8.52	27.09 1.97 -4.11	28.27 2.52 -0.33	38.38 2.40 -8.34	33.85 2.60 -2.71	31.25 2.67 -1.00	31.76 2.02 -5.67	27.09 2.00 -4.07	25.18 1.94 -3.20	23.39 1.74 -2.55
NORTHPORT____4 23650	22.11 1.70 -1.10	19.07 1.59 -0.03	18.90 1.34 -2.46	18.21 1.14 -2.69	17.80 1.13 -1.80	18.07 1.13 -2.80	17.60 1.36 -1.00	19.19 1.43 -2.34	20.35 1.45 -3.31	21.30 1.47 -4.15	20.61 1.46 -2.13	21.76 1.48 -2.89	23.32 1.51 -3.18	25.57 1.65 -4.31	29.63 1.44 -8.52	27.09 1.97 -4.11	28.27 2.52 -0.33	38.38 2.40 -8.34	33.85 2.60 -2.71	31.25 2.67 -1.00	31.76 2.02 -5.67	27.09 2.00 -4.07	25.18 1.94 -3.20	23.39 1.74 -2.55

NORTHPORT___IC 23718	22.00 1.60 -1.09	18.98 1.50 -0.02	18.83 1.28 -2.45	18.13 1.05 -2.69	17.71 1.04 -1.80	18.02 1.07 -2.80	17.54 1.30 -1.00	19.14 1.39 -2.33	20.29 1.40 -3.30	21.20 1.38 -4.14	20.56 1.41 -2.13	21.68 1.39 -2.89	23.23 1.42 -3.18	25.53 1.61 -4.31	29.81 1.61 -8.53	27.19 1.78 -4.40	28.59 2.34 -0.83	38.64 2.65 -8.34	33.98 2.71 -2.72	31.27 2.51 -1.18	31.73 1.97 -5.68	27.37 1.83 -4.52	25.16 1.92 -3.20	23.37 1.72 -2.55
NORTH___COUNTRY_ESR 323785	19.06 -0.25 0.00	17.19 -0.26 0.00	14.84 -0.26 0.00	14.06 -0.33 0.00	14.52 -0.34 0.00	13.77 -0.37 0.00	14.85 -0.40 0.00	15.07 -0.35 0.00	15.31 -0.28 0.00	15.46 -0.22 0.00	16.80 -0.22 0.00	17.13 -0.26 0.00	18.34 -0.30 0.00	19.22 -0.39 0.00	19.22 -0.45 0.00	20.39 -0.61 0.00	24.73 -0.69 0.00	26.87 -0.77 0.00	27.57 -0.97 0.00	26.45 -1.13 0.00	22.96 -1.11 0.00	19.97 -1.05 0.00	19.10 -0.94 0.00	18.26 -0.84 0.00
NPX_GEN_1385_PROXY 323591	21.75 1.35 -1.09	18.75 1.27 -0.02	18.63 1.09 -2.45	17.94 0.86 -2.69	17.51 0.85 -1.80	17.89 0.95 -2.80	17.45 1.20 -1.00	18.97 1.22 -2.33	20.15 1.26 -3.30	20.90 1.08 -4.14	20.24 1.09 -2.13	21.24 0.96 -2.89	22.51 0.86 -3.01	23.61 1.02 -2.98	23.96 1.02 -3.27	25.00 1.15 -2.84	27.90 1.65 -0.83	32.56 1.82 -3.09	33.15 1.88 -2.72	30.69 1.93 -1.18	31.10 1.35 -5.68	26.68 1.22 -4.44	24.72 1.48 -3.20	22.93 1.28 -2.55
NPX_GEN_CSC 323557	22.47 2.07 -1.09	19.39 1.92 -0.02	19.19 1.65 -2.45	18.45 1.37 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.49 1.74 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.90 1.75 -2.13	22.08 1.79 -2.89	23.68 1.86 -3.18	26.02 2.10 -4.31	30.38 2.18 -8.53	30.36 2.54 -6.82	33.70 3.25 -5.02	39.56 3.57 -8.35	35.03 3.71 -2.78	33.85 3.53 -2.75	32.71 2.84 -5.80	31.89 2.61 -8.26	25.78 2.55 -3.20	23.94 2.29 -2.55
NSINS_S_GLNS_FALLS 23858	20.57 1.26 0.00	18.57 1.12 0.00	19.39 1.06 -3.24	18.96 0.99 -3.58	18.31 1.04 -2.41	18.85 0.98 -3.73	17.66 1.08 -1.33	18.57 1.05 -2.10	18.36 1.04 -1.72	18.33 1.08 -1.57	18.13 1.11 0.00	18.54 1.15 0.00	19.81 1.17 0.00	20.86 1.25 0.00	21.20 1.53 0.00	22.68 1.68 0.00	27.51 2.16 0.07	30.05 2.40 0.00	31.43 2.88 0.00	30.45 2.87 0.00	26.50 2.43 0.00	22.98 1.95 0.00	21.76 1.72 0.00	20.71 1.60 0.00
NUCOR_STEEL___DRP 24197	19.45 0.14 0.00	17.56 0.10 0.00	15.48 0.11 -0.28	14.82 0.12 -0.31	15.20 0.13 -0.21	14.62 0.16 -0.32	15.53 0.17 -0.11	15.75 0.15 -0.18	15.83 0.09 -0.15	15.89 0.08 -0.14	17.12 0.10 0.00	17.57 0.17 0.00	18.92 0.28 0.00	19.90 0.29 0.00	19.94 0.28 0.00	21.46 0.46 0.00	25.93 0.51 0.00	28.17 0.53 0.00	29.06 0.51 0.00	28.16 0.58 0.00	24.70 0.63 0.00	21.44 0.42 0.00	20.34 0.30 0.00	19.39 0.29 0.00
NUMBER_THREE_WT_PWR 323818	19.31 0.00 0.00	17.44 -0.02 0.00	15.11 -0.08 -0.09	14.45 -0.04 -0.10	14.87 -0.06 -0.07	14.22 -0.03 -0.10	15.33 0.05 -0.04	15.49 0.02 -0.06	15.65 0.02 -0.05	15.69 -0.03 -0.04	16.97 -0.05 0.00	17.33 -0.07 0.00	18.64 0.00 0.00	19.37 -0.23 0.00	19.51 -0.16 0.00	21.13 0.13 0.00	25.65 0.23 0.00	28.06 0.42 0.00	28.86 0.31 0.00	27.94 0.36 0.00	24.48 0.41 0.00	21.29 0.27 0.00	19.90 -0.14 0.00	18.97 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	19.31 0.00 0.00	17.46 0.00 0.00	15.10 0.00 0.00	14.39 0.00 0.00	14.86 0.00 0.00	14.14 0.00 0.00	15.25 0.00 0.00	15.42 0.00 0.00	15.59 0.00 0.00	15.68 0.00 0.00	17.02 0.00 0.00	17.39 0.00 0.00	18.64 0.00 0.00	19.61 0.00 0.00	19.67 0.00 0.00	21.00 0.00 0.00	25.42 0.00 0.00	27.64 0.00 0.00	28.54 0.00 0.00	27.58 0.00 0.00	24.07 0.00 0.00	21.02 0.00 0.00	20.04 0.00 0.00	19.10 0.00 0.00
NYPA_BRENTWD___GT 24164	22.30 1.89 -1.09	19.22 1.75 -0.02	19.04 1.50 -2.45	18.33 1.25 -2.69	17.90 1.23 -1.80	18.19 1.24 -2.80	17.74 1.50 -1.00	19.34 1.59 -2.33	20.48 1.59 -3.30	21.42 1.60 -4.14	20.80 1.65 -2.13	21.95 1.67 -2.89	23.53 1.71 -3.18	25.86 1.94 -4.31	30.18 1.99 -8.53	28.10 2.25 -4.85	29.93 2.90 -1.61	39.19 3.21 -8.34	34.58 3.31 -2.73	32.17 3.12 -1.47	32.28 2.50 -5.70	28.55 2.31 -5.22	25.54 2.30 -3.20	23.69 2.04 -2.55
NYPA_GOWANUS___GT5 24156	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NYPA_GOWANUS___GT6 24157	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.02 0.78 -1.00	17.95 0.96 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.93 1.26 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NYPA_HARLEM__RVR_GT1 24160	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	18.05 1.05 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
NYPA_HARLEM__RVR_GT2 24161	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	18.05 1.05 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
NYPA_KENT___GT 24152	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.05 0.81 -1.00	17.99 0.99 -1.58	17.88 1.00 -1.29	17.93 1.07 -1.18	18.16 1.14 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.64 1.64 0.00	27.67 2.19 -0.06	29.91 2.27 0.00	30.85 2.31 0.00	29.78 2.21 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NYPA_POUCH1___GT 24155	17.84 1.08 2.55	16.52 1.01 1.95	16.35 0.83 -0.42	16.14 0.73 -1.02	14.42 0.70 1.14	14.70 0.68 0.13	14.56 0.72 1.40	16.92 0.89 -0.61	17.11 0.90 -0.62	17.67 0.99 -1.00	18.06 1.06 0.02	18.48 1.08 0.00	19.39 1.02 0.28	19.94 1.20 0.87	20.32 1.18 0.53	22.08 1.55 0.47	24.69 2.11 2.84	25.98 2.18 3.85	26.28 2.23 4.49	25.75 2.12 3.95	23.02 1.52 2.57	21.84 1.53 0.71	21.44 1.40 0.00	19.43 1.24 0.91

NYPA_VERNON____GT2 24162	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.10 0.85 -1.00	18.02 1.02 -1.58	17.89 1.01 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.64 1.64 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.76 2.18 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NYPA_VERNON____GT3 24163	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.10 0.85 -1.00	18.02 1.02 -1.58	17.89 1.01 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.64 1.64 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.76 2.18 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
NYPA____ASTORIA_CC1 323568	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.07 0.82 -1.00	18.00 1.00 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.38 1.28 0.00
NYPA____ASTORIA_CC2 323569	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.07 0.82 -1.00	18.00 1.00 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.38 1.28 0.00
NYPA____HOLTSVILL 23794	22.26 1.85 -1.09	19.20 1.73 -0.02	19.03 1.48 -2.45	18.30 1.22 -2.69	17.89 1.22 -1.80	18.17 1.23 -2.80	17.73 1.48 -1.00	19.33 1.57 -2.33	20.45 1.56 -3.30	21.37 1.55 -4.14	20.75 1.60 -2.13	21.88 1.60 -2.89	23.47 1.66 -3.18	25.81 1.88 -4.31	30.13 1.93 -8.53	30.00 2.23 -6.77	33.18 2.82 -4.94	39.06 3.07 -8.35	34.51 3.20 -2.78	33.35 3.06 -2.72	32.30 2.43 -5.80	31.48 2.27 -8.19	25.48 2.24 -3.20	23.67 2.02 -2.55
NYPA____HELLGATE_GT1 24158	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	18.05 1.05 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
NYPA____HELLGATE_GT2 24159	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.84 0.76 -2.69	17.41 0.74 -1.80	17.66 0.72 -2.80	17.04 0.79 -1.00	18.05 1.05 -1.58	17.83 0.95 -1.29	17.89 1.03 -1.18	18.25 1.23 0.00	18.63 1.24 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.95 1.28 0.00	22.66 1.66 0.00	27.72 2.24 -0.06	29.91 2.27 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.66 1.59 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.46 1.36 0.00
NYS_BARGE____HYD 23848	18.93 -0.39 0.00	17.04 -0.42 0.00	15.03 -0.41 -0.34	14.48 -0.29 -0.38	14.82 -0.30 -0.25	14.27 -0.27 -0.39	15.07 -0.32 -0.14	15.16 -0.48 -0.22	15.08 -0.69 -0.18	15.06 -0.78 -0.17	16.38 -0.65 0.00	16.87 -0.52 0.00	18.28 -0.35 0.00	19.14 -0.47 0.00	19.33 -0.33 0.00	20.83 -0.17 0.00	24.84 -0.58 0.00	26.70 -0.94 0.00	27.40 -1.14 0.00	26.72 -0.86 0.00	23.68 -0.39 0.00	20.50 -0.52 0.00	19.52 -0.52 0.00	18.70 -0.40 0.00
OAK ORCHARD____HYD 24046	19.27 -0.04 0.00	17.32 -0.14 0.00	15.35 -0.03 -0.28	14.73 0.03 -0.31	15.12 0.04 -0.21	14.51 0.04 -0.32	15.32 -0.05 -0.12	15.57 -0.03 -0.18	15.58 -0.16 -0.15	15.60 -0.22 -0.14	16.80 -0.22 0.00	17.29 -0.10 0.00	18.69 0.06 0.00	19.61 0.00 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.52 0.10 0.00	27.59 -0.06 0.00	28.37 -0.17 0.00	27.61 0.03 0.00	24.36 0.29 0.00	21.08 0.06 0.00	20.02 -0.02 0.00	19.14 0.04 0.00
OAKDALE__35_KV_LOAD 356122	19.49 0.17 0.00	17.58 0.12 0.00	15.88 0.08 -0.71	15.27 0.10 -0.78	15.49 0.10 -0.53	15.09 0.13 -0.82	15.66 0.12 -0.29	15.99 0.11 -0.46	16.04 0.08 -0.38	16.05 0.03 -0.34	17.18 0.15 0.00	17.59 0.19 0.00	18.92 0.28 0.00	19.88 0.27 0.00	20.00 0.33 0.00	21.49 0.48 0.00	25.93 0.51 0.00	28.17 0.53 0.00	29.06 0.51 0.00	28.10 0.52 0.00	24.62 0.55 0.00	21.42 0.40 0.00	20.32 0.28 0.00	19.37 0.27 0.00
OCC_CHEM____DRP 24175	18.73 -0.58 0.00	16.78 -0.68 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.25 -0.30 -0.40	14.97 -0.43 -0.14	15.11 -0.54 -0.23	14.84 -0.94 -0.19	14.81 -1.03 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	19.00 -0.67 0.00	20.37 -0.63 0.00	24.20 -1.22 0.00	26.09 -1.55 0.00	26.74 -1.80 0.00	26.09 -1.49 0.00	23.03 -1.04 0.00	20.07 -0.95 0.00	19.08 -0.96 0.00	18.34 -0.76 0.00
OH_GEN_PROXY 24063	18.79 -0.52 0.00	16.83 -0.63 0.00	14.98 -0.47 -0.35	14.44 -0.33 -0.38	14.78 -0.34 -0.26	14.23 -0.31 -0.40	15.01 -0.38 -0.14	15.12 -0.52 -0.22	15.04 -0.73 -0.18	15.02 -0.83 -0.17	16.27 -0.75 0.00	16.75 -0.64 0.00	18.15 -0.48 0.00	19.00 -0.61 0.00	19.18 -0.49 0.00	20.64 -0.36 0.00	24.66 -0.76 0.00	26.51 -1.13 0.00	27.20 -1.34 0.00	26.50 -1.08 0.00	23.49 -0.58 0.00	20.37 -0.65 0.00	19.40 -0.64 0.00	18.57 -0.53 0.00
OLIN_CORP_DRP 24177	18.64 -0.68 0.00	16.69 -0.77 0.00	14.85 -0.60 -0.35	14.32 -0.46 -0.39	14.63 -0.49 -0.26	14.11 -0.44 -0.41	14.89 -0.50 -0.15	15.08 -0.57 -0.23	14.89 -0.89 -0.19	14.86 -0.99 -0.17	16.12 -0.90 0.00	16.59 -0.80 0.00	18.00 -0.63 0.00	18.82 -0.78 0.00	19.10 -0.57 0.00	20.48 -0.53 0.00	24.33 -1.09 0.00	26.26 -1.38 0.00	26.92 -1.63 0.00	26.23 -1.35 0.00	23.18 -0.89 0.00	20.18 -0.84 0.00	19.18 -0.86 0.00	18.41 -0.69 0.00
OLIN_CORP_DSASP 323712	18.73 -0.58 0.00	16.62 -0.84 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.23 -0.31 -0.40	14.92 -0.47 -0.14	15.00 -0.65 -0.23	14.84 -0.93 -0.19	14.81 -1.04 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	18.92 -0.75 0.00	20.37 -0.63 0.00	24.28 -1.14 0.00	26.10 -1.55 0.00	26.75 -1.80 0.00	26.09 -1.49 0.00	23.13 -0.94 0.00	20.05 -0.97 0.00	19.12 -0.92 0.00	18.34 -0.76 0.00
ONEIDA_HERK_LFGE 323681	19.54 0.23 0.00	17.65 0.19 0.00	15.29 0.11 -0.08	14.61 0.13 -0.09	15.04 0.12 -0.06	14.36 0.13 -0.09	15.50 0.21 -0.03	15.64 0.17 -0.05	15.80 0.17 -0.04	15.88 0.16 -0.04	17.17 0.15 0.00	17.55 0.16 0.00	18.88 0.24 0.00	19.76 0.16 0.00	19.88 0.22 0.00	21.40 0.40 0.00	25.93 0.51 0.00	28.30 0.66 0.00	29.14 0.60 0.00	28.18 0.61 0.00	24.69 0.62 0.00	21.50 0.48 0.00	20.26 0.22 0.00	19.29 0.19 0.00

ONEIDA___115KV_TB4 55905	19.74 0.42 0.00	17.82 0.37 0.00	15.51 0.27 -0.14	14.83 0.29 -0.16	15.25 0.28 -0.10	14.60 0.30 -0.16	15.67 0.37 -0.06	15.85 0.34 -0.09	15.99 0.33 -0.07	16.03 0.28 -0.07	17.35 0.32 0.00	17.71 0.31 0.00	19.07 0.43 0.00	20.06 0.45 0.00	20.18 0.51 0.00	21.67 0.67 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.40 0.86 0.00	28.46 0.88 0.00	24.94 0.87 0.00	21.71 0.69 0.00	20.52 0.48 0.00	19.56 0.46 0.00
ONONDAGA_REF_OCCRA 23987	19.27 -0.04 0.00	17.42 -0.03 0.00	15.32 -0.03 -0.25	14.65 -0.01 -0.28	15.05 0.00 -0.19	14.43 0.00 -0.29	15.37 0.02 -0.10	15.60 0.02 -0.16	15.69 -0.03 -0.13	15.75 -0.05 -0.12	17.00 -0.02 0.00	17.41 0.02 0.00	18.73 0.09 0.00	19.71 0.10 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.62 0.20 0.00	27.84 0.19 0.00	28.74 0.20 0.00	27.80 0.22 0.00	24.36 0.29 0.00	21.19 0.17 0.00	20.16 0.12 0.00	19.20 0.10 0.00
ONONDAGA___COGEN 23986	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
ONTARIO___LFGE 23819	19.47 0.15 0.00	17.54 0.09 0.00	15.49 0.06 -0.33	14.84 0.09 -0.36	15.23 0.12 -0.24	14.66 0.14 -0.38	15.58 0.20 -0.14	15.77 0.14 -0.21	15.84 0.08 -0.18	15.87 0.03 -0.16	17.12 0.10 0.00	17.59 0.19 0.00	18.99 0.35 0.00	19.96 0.35 0.00	20.10 0.43 0.00	21.67 0.67 0.00	26.18 0.76 0.00	28.42 0.77 0.00	29.26 0.71 0.00	28.32 0.74 0.00	24.96 0.89 0.00	21.57 0.55 0.00	20.40 0.36 0.00	19.43 0.32 0.00
ORANGEVILLE_WT_PWR 323706	19.12 -0.19 0.00	17.14 -0.31 0.00	15.15 -0.36 -0.42	14.60 -0.26 -0.46	14.91 -0.27 -0.31	14.40 -0.23 -0.48	15.28 -0.14 -0.17	15.32 -0.37 -0.27	15.31 -0.50 -0.22	15.30 -0.58 -0.20	16.72 -0.31 0.00	17.19 -0.21 0.00	18.58 -0.06 0.00	19.45 -0.16 0.00	19.67 0.00 0.00	21.17 0.17 0.00	25.34 -0.08 0.00	27.34 -0.30 0.00	28.06 -0.49 0.00	27.25 -0.33 0.00	24.12 0.05 0.00	20.85 -0.17 0.00	19.78 -0.26 0.00	18.89 -0.21 0.00
ORANGEVILLE___ESR 323794	19.12 -0.19 0.00	17.14 -0.31 0.00	15.15 -0.36 -0.42	14.60 -0.26 -0.46	14.91 -0.27 -0.31	14.40 -0.23 -0.48	15.28 -0.14 -0.17	15.32 -0.37 -0.27	15.31 -0.50 -0.22	15.30 -0.58 -0.20	16.72 -0.31 0.00	17.19 -0.21 0.00	18.58 -0.06 0.00	19.45 -0.16 0.00	19.67 0.00 0.00	21.17 0.17 0.00	25.34 -0.08 0.00	27.34 -0.30 0.00	28.06 -0.49 0.00	27.25 -0.33 0.00	24.12 0.05 0.00	20.85 -0.17 0.00	19.78 -0.26 0.00	18.89 -0.21 0.00
OSWEGATCHIE___HYD 24044	19.00 -0.31 0.00	17.19 -0.26 0.00	14.89 -0.27 -0.06	14.20 -0.26 -0.07	14.67 -0.24 -0.05	13.99 -0.23 -0.07	15.08 -0.20 -0.03	15.26 -0.20 -0.04	15.45 -0.17 -0.03	15.55 -0.16 -0.03	16.84 -0.19 0.00	17.19 -0.21 0.00	18.43 -0.20 0.00	19.18 -0.43 0.00	19.29 -0.37 0.00	20.69 -0.31 0.00	25.12 -0.30 0.00	27.42 -0.22 0.00	28.17 -0.37 0.00	27.25 -0.33 0.00	23.83 -0.24 0.00	20.77 -0.25 0.00	19.60 -0.44 0.00	18.76 -0.34 0.00
OSWEGO___5 23606	19.00 -0.31 0.00	17.16 -0.30 0.00	15.02 -0.24 -0.17	14.36 -0.22 -0.18	14.76 -0.22 -0.12	14.12 -0.21 -0.19	15.09 -0.23 -0.07	15.28 -0.25 -0.11	15.41 -0.27 -0.09	15.48 -0.28 -0.08	16.73 -0.29 0.00	17.12 -0.28 0.00	18.40 -0.24 0.00	19.35 -0.26 0.00	19.39 -0.28 0.00	20.75 -0.25 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	28.14 -0.40 0.00	27.22 -0.36 0.00	23.83 -0.24 0.00	20.75 -0.27 0.00	19.78 -0.26 0.00	18.87 -0.23 0.00
OSWEGO___6 23613	19.00 -0.31 0.00	17.16 -0.30 0.00	15.02 -0.24 -0.17	14.36 -0.22 -0.18	14.76 -0.22 -0.12	14.12 -0.21 -0.19	15.09 -0.23 -0.07	15.28 -0.25 -0.11	15.41 -0.27 -0.09	15.48 -0.28 -0.08	16.73 -0.29 0.00	17.12 -0.28 0.00	18.40 -0.24 0.00	19.35 -0.26 0.00	19.39 -0.28 0.00	20.75 -0.25 0.00	25.09 -0.33 0.00	27.26 -0.39 0.00	28.14 -0.40 0.00	27.22 -0.36 0.00	23.83 -0.24 0.00	20.75 -0.27 0.00	19.78 -0.26 0.00	18.87 -0.23 0.00
OUTOKUMPU-AB___DRP 24206	19.08 -0.23 0.00	17.09 -0.37 0.00	15.17 -0.29 -0.36	14.61 -0.17 -0.39	14.93 -0.19 -0.26	14.38 -0.17 -0.41	15.17 -0.23 -0.15	15.33 -0.32 -0.23	15.14 -0.64 -0.19	15.13 -0.72 -0.17	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.55 -0.12 0.00	20.96 -0.04 0.00	24.91 -0.51 0.00	26.84 -0.80 0.00	27.54 -1.00 0.00	26.83 -0.74 0.00	23.71 -0.36 0.00	20.60 -0.42 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
OXBOW___ 24026	18.94 -0.37 0.00	16.86 -0.59 0.00	15.11 -0.35 -0.35	14.57 -0.22 -0.39	14.89 -0.24 -0.26	14.34 -0.21 -0.41	15.09 -0.30 -0.15	15.15 -0.49 -0.23	15.01 -0.76 -0.19	15.00 -0.85 -0.17	16.31 -0.71 0.00	16.79 -0.61 0.00	18.19 -0.45 0.00	19.04 -0.57 0.00	19.25 -0.41 0.00	20.73 -0.27 0.00	24.71 -0.71 0.00	26.54 -1.11 0.00	27.20 -1.34 0.00	26.53 -1.05 0.00	23.54 -0.53 0.00	20.39 -0.63 0.00	19.42 -0.62 0.00	18.61 -0.50 0.00
OXY_CHEM_DSASP 323612	18.73 -0.58 0.00	16.78 -0.68 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.25 -0.30 -0.40	14.97 -0.43 -0.14	15.11 -0.54 -0.23	14.84 -0.94 -0.19	14.81 -1.03 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	19.00 -0.67 0.00	20.37 -0.63 0.00	24.20 -1.22 0.00	26.09 -1.55 0.00	26.74 -1.80 0.00	26.09 -1.49 0.00	23.03 -1.04 0.00	20.07 -0.95 0.00	19.08 -0.96 0.00	18.34 -0.76 0.00
OZONE_PARK_ESR 323760	20.61 1.29 0.00	18.66 1.20 0.00	18.53 1.00 -2.43	17.97 0.89 -2.69	17.54 0.88 -1.80	17.79 0.85 -2.80	17.21 0.96 -1.00	18.03 1.03 -1.58	18.03 1.15 -1.29	18.08 1.22 -1.18	18.32 1.29 0.00	18.70 1.30 0.00	19.94 1.30 0.00	21.08 1.47 0.00	21.18 1.51 0.00	22.81 1.81 0.00	27.87 2.39 -0.06	30.13 2.49 0.00	31.08 2.54 0.00	30.00 2.43 0.00	25.95 1.88 0.00	22.79 1.77 0.00	21.62 1.58 0.00	20.53 1.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.73 -0.58 0.00	16.78 -0.68 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.25 -0.30 -0.40	14.97 -0.43 -0.14	15.11 -0.54 -0.23	14.84 -0.94 -0.19	14.81 -1.03 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	19.00 -0.67 0.00	20.37 -0.63 0.00	24.20 -1.22 0.00	26.09 -1.55 0.00	26.74 -1.80 0.00	26.09 -1.49 0.00	23.03 -1.04 0.00	20.07 -0.95 0.00	19.08 -0.96 0.00	18.34 -0.76 0.00
PACKARD___115KV_DUPONT_184 80571	18.73 -0.58 0.00	16.78 -0.68 0.00	14.98 -0.47 -0.35	14.46 -0.32 -0.39	14.78 -0.34 -0.26	14.25 -0.30 -0.40	14.97 -0.43 -0.14	15.11 -0.54 -0.23	14.84 -0.94 -0.19	14.81 -1.03 -0.17	16.03 -0.99 0.00	16.53 -0.87 0.00	17.91 -0.73 0.00	18.73 -0.88 0.00	19.00 -0.67 0.00	20.37 -0.63 0.00	24.20 -1.22 0.00	26.09 -1.55 0.00	26.74 -1.80 0.00	26.09 -1.49 0.00	23.03 -1.04 0.00	20.07 -0.95 0.00	19.08 -0.96 0.00	18.34 -0.76 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.45 1.14 0.00	18.49 1.03 0.00	18.37 0.85 -2.43	17.83 0.75 -2.69	17.40 0.73 -1.80	17.63 0.69 -2.80	16.98 0.73 -1.00	17.86 0.86 -1.58	17.82 0.94 -1.29	17.89 1.03 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.72 1.08 0.00	20.86 1.25 0.00	20.99 1.32 0.00	22.64 1.64 0.00	27.69 2.21 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.66 1.59 0.00	22.58 1.56 0.00	21.46 1.42 0.00	20.44 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.72 1.41 0.00	18.73 1.27 0.00	18.59 1.06 -2.43	18.03 0.95 -2.69	17.59 0.92 -1.80	17.82 0.88 -2.80	17.18 0.93 -1.00	18.06 1.06 -1.58	18.02 1.14 -1.29	18.10 1.24 -1.18	18.40 1.38 0.00	18.80 1.41 0.00	19.94 1.30 0.00	21.10 1.49 0.00	21.22 1.55 0.00	22.89 1.89 0.00	28.02 2.54 -0.06	30.24 2.60 0.00	31.20 2.65 0.00	30.11 2.54 0.00	25.95 1.88 0.00	22.85 1.83 0.00	21.72 1.68 0.00	20.71 1.60 0.00
PATROON__115KV_TB1 80586	19.79 0.48 0.00	17.98 0.52 0.00	18.66 0.41 -3.15	18.29 0.42 -3.48	17.65 0.45 -2.34	18.20 0.42 -3.63	17.08 0.53 -1.30	17.99 0.52 -2.05	17.70 0.44 -1.68	17.65 0.44 -1.53	17.50 0.48 0.00	17.86 0.47 0.00	19.07 0.43 0.00	20.16 0.55 0.00	20.32 0.65 0.00	21.72 0.71 0.00	26.19 0.84 0.07	28.55 0.91 0.00	29.60 1.06 0.00	28.63 1.05 0.00	24.91 0.84 0.00	21.78 0.76 0.00	20.72 0.68 0.00	19.73 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.18 -0.14 0.00	17.19 -0.26 0.00	14.90 -0.59 -0.39	14.33 -0.49 -0.43	14.65 -0.51 -0.29	14.12 -0.47 -0.45	14.90 -0.50 -0.16	15.13 -0.54 -0.25	15.05 -0.75 -0.21	15.02 -0.85 -0.19	16.77 -0.26 0.00	17.24 -0.16 0.00	18.66 0.02 0.00	19.55 -0.06 0.00	19.85 0.18 0.00	21.30 0.29 0.00	25.37 -0.05 0.00	27.37 -0.28 0.00	28.09 -0.46 0.00	27.30 -0.28 0.00	24.07 0.00 0.00	20.89 -0.13 0.00	19.82 -0.22 0.00	19.03 -0.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.51 1.20 0.00	18.57 1.12 0.00	18.50 0.94 -2.47	17.97 0.85 -2.73	17.54 0.85 -1.83	17.79 0.81 -2.84	17.15 0.88 -1.01	17.93 0.91 -1.60	17.90 1.00 -1.31	17.88 1.00 -1.20	18.20 1.17 0.00	18.56 1.17 0.00	19.81 1.17 0.00	20.92 1.31 0.00	20.93 1.26 0.00	22.45 1.45 0.00	27.35 1.88 -0.05	29.69 2.05 0.00	30.88 2.34 0.00	29.87 2.29 0.00	25.90 1.83 0.00	22.70 1.68 0.00	21.50 1.46 0.00	20.46 1.36 0.00
PEEKSKILL____ 23653	20.32 1.00 0.00	18.42 0.96 0.00	18.30 0.80 -2.40	17.76 0.72 -2.65	17.36 0.71 -1.78	17.61 0.71 -2.76	17.04 0.81 -0.99	17.86 0.88 -1.56	17.77 0.90 -1.28	17.78 0.94 -1.16	18.03 1.00 0.00	18.40 1.01 0.00	19.64 1.01 0.00	20.74 1.14 0.00	20.77 1.10 0.00	22.37 1.36 0.00	27.21 1.73 -0.06	29.49 1.85 0.00	30.51 1.97 0.00	29.48 1.90 0.00	25.54 1.47 0.00	22.47 1.45 0.00	21.32 1.28 0.00	20.23 1.13 0.00
PGE MADISON__WINDPWR 24146	20.76 1.45 0.00	18.70 1.24 0.00	16.66 0.89 -0.67	16.06 0.93 -0.74	16.25 0.89 -0.49	15.80 0.89 -0.77	16.68 1.16 -0.27	16.85 1.00 -0.43	16.88 0.94 -0.35	16.85 0.85 -0.32	17.99 0.97 0.00	18.42 1.03 0.00	20.05 1.42 0.00	21.10 1.49 0.00	21.34 1.67 0.00	22.96 1.95 0.00	27.86 2.44 0.00	30.54 2.90 0.00	31.34 2.80 0.00	30.39 2.81 0.00	26.81 2.74 0.00	23.21 2.19 0.00	21.64 1.60 0.00	20.54 1.43 0.00
PIERCEFIELD__HYD 23852	18.87 -0.44 0.00	17.11 -0.35 0.00	14.77 -0.33 0.00	14.03 -0.36 0.00	14.57 -0.30 0.00	13.83 -0.31 0.00	14.96 -0.29 0.00	15.13 -0.29 0.00	15.37 -0.22 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.45 -0.19 0.00	19.18 -0.43 0.00	19.25 -0.41 0.00	20.48 -0.53 0.00	24.83 -0.58 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.81 -0.77 0.00	23.40 -0.67 0.00	20.41 -0.61 0.00	19.40 -0.64 0.00	18.64 -0.46 0.00
PINELAWN_CC_1 323563	22.14 1.74 -1.09	19.08 1.60 -0.02	18.92 1.37 -2.45	18.21 1.14 -2.69	17.80 1.13 -1.80	18.09 1.15 -2.80	17.62 1.37 -1.00	19.22 1.47 -2.33	20.37 1.48 -3.30	21.30 1.47 -4.14	20.68 1.53 -2.13	21.82 1.53 -2.89	23.38 1.57 -3.18	25.71 1.78 -4.31	29.98 1.79 -8.52	27.60 2.10 -4.50	29.13 2.72 -0.99	38.94 2.96 -8.34	34.35 3.08 -2.72	31.74 2.92 -1.24	32.07 2.31 -5.69	27.85 2.17 -4.67	25.34 2.10 -3.20	23.52 1.87 -2.55
PJM_GEN_HTP_PROXY 323702	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.13 0.88 -1.00	18.00 1.00 -1.58	17.91 1.03 -1.29	17.96 1.10 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.62 1.62 0.00	27.56 2.08 -0.06	29.85 2.21 0.00	30.80 2.25 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.36 1.26 0.00
PJM_GEN_KEystone 24065	19.60 0.29 0.00	17.70 0.24 0.00	16.70 0.14 -1.47	16.17 0.16 -1.62	16.10 0.15 -1.09	16.00 0.17 -1.69	16.14 0.29 -0.60	16.57 0.20 -0.95	16.54 0.17 -0.78	17.31 0.29 -0.71	17.72 0.33 0.00	19.03 0.39 0.00	20.02 0.41 0.00	20.14 0.47 0.00	21.67 0.67 0.00	26.19 0.74 -0.03	28.33 0.69 0.00	29.20 0.66 0.00	28.27 0.69 0.00	24.72 0.65 0.00	21.59 0.57 0.00	20.50 0.46 0.00	19.48 0.38 0.00	
PJM_GEN_NEPTUNE_PROXY 323594	21.79 1.39 -1.09	18.80 1.33 -0.02	18.66 1.12 -2.45	18.01 0.93 -2.69	17.59 0.92 -1.80	17.87 0.93 -2.80	17.38 1.13 -1.00	18.95 1.20 -2.33	20.10 1.22 -3.30	21.06 1.24 -4.14	20.43 1.28 -2.13	21.55 1.27 -2.89	23.10 1.29 -3.18	25.37 1.45 -4.31	29.61 1.42 -8.52	27.04 1.70 -4.33	28.34 2.21 -0.71	38.33 2.35 -8.34	33.72 2.46 -2.72	31.06 2.34 -1.14	31.58 1.83 -5.68	27.18 1.74 -4.41	24.92 1.68 -3.20	23.14 1.49 -2.55
PJM_GEN_VFT_PROXY 323633	15.15 1.02 5.18	14.45 0.96 3.97	14.25 0.80 1.65	14.41 0.72 0.70	11.39 0.70 4.17	11.69 0.68 3.13	12.20 0.82 3.87	15.96 0.94 0.40	16.48 0.97 0.08	17.51 1.02 -0.81	18.07 1.09 0.04	18.49 1.10 0.00	19.13 1.06 0.57	19.06 1.22 1.76	19.79 1.20 1.08	21.57 1.53 0.96	21.57 1.98 5.83	21.91 2.07 7.81	21.57 2.14 9.11	21.57 2.01 8.02	20.37 1.52 5.22	21.08 1.51 1.45	21.40 1.36 0.00	18.41 1.17 1.86
PLATSBRG_115KV_PMLD1 355749	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.19 -0.20 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.99 -0.26 0.00	15.19 -0.23 0.00	15.45 -0.14 0.00	15.62 -0.06 0.00	16.97 -0.05 0.00	17.29 -0.10 0.00	18.53 -0.11 0.00	19.39 -0.22 0.00	19.41 -0.26 0.00	20.62 -0.38 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.89 -0.66 0.00	26.72 -0.85 0.00	23.18 -0.89 0.00	20.16 -0.86 0.00	19.24 -0.80 0.00	18.40 -0.71 0.00
PLEASANTVLY__LBMP 24000	20.24 0.93 0.00	18.33 0.87 0.00	18.40 0.74 -2.56	17.90 0.68 -2.83	17.45 0.68 -1.90	17.76 0.66 -2.95	17.03 0.73 -1.05	17.84 0.76 -1.67	17.78 0.83 -1.36	17.76 0.83 -1.24	17.89 0.87 0.00	18.26 0.87 0.00	19.50 0.86 0.00	20.59 0.98 0.00	20.67 1.00 0.00	22.18 1.18 0.00	26.96 1.47 -0.07	29.22 1.58 0.00	30.23 1.68 0.00	29.20 1.63 0.00	25.37 1.30 0.00	22.24 1.22 0.00	21.14 1.10 0.00	20.10 0.99 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	20.39 1.08 0.00	18.49 1.03 0.00	18.41 0.86 -2.45	17.88 0.78 -2.71	17.46 0.77 -1.82	17.72 0.75 -2.83	17.10 0.84 -1.01	17.89 0.88 -1.59	17.86 0.97 -1.30	17.86 0.99 -1.19	18.08 1.06 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.82 1.22 0.00	20.91 1.24 0.00	22.45 1.45 0.00	27.34 1.86 -0.06	29.61 1.96 0.00	30.63 2.08 0.00	29.56 1.99 0.00	25.63 1.56 0.00	22.47 1.45 0.00	21.34 1.30 0.00	20.29 1.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.39 1.08 0.00	18.49 1.03 0.00	18.41 0.86 -2.45	17.88 0.78 -2.71	17.46 0.77 -1.82	17.72 0.75 -2.83	17.10 0.84 -1.01	17.89 0.88 -1.59	17.86 0.97 -1.30	17.86 0.99 -1.19	18.08 1.06 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.82 1.22 0.00	20.91 1.24 0.00	22.45 1.45 0.00	27.34 1.86 -0.06	29.61 1.96 0.00	30.63 2.08 0.00	29.56 1.99 0.00	25.63 1.56 0.00	22.47 1.45 0.00	21.34 1.30 0.00	20.29 1.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.39 1.08 0.00	18.45 1.00 0.00	18.45 0.85 -2.50	17.92 0.76 -2.76	17.49 0.77 -1.86	17.77 0.75 -2.88	17.08 0.81 -1.03	17.88 0.83 -1.63	17.79 0.87 -1.33	17.77 0.88 -1.21	17.96 0.94 0.00	18.30 0.90 0.00	19.53 0.89 0.00	20.63 1.02 0.00	20.73 1.06 0.00	22.26 1.26 0.00	27.03 1.63 0.02	29.41 1.77 0.00	30.46 1.91 0.00	29.43 1.85 0.00	25.56 1.49 0.00	22.41 1.39 0.00	21.28 1.24 0.00	20.21 1.11 0.00
POLETTI____ 23519	20.43 1.12 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	20.99 1.32 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
POMONA____ESR 323819	20.32 1.00 0.00	18.40 0.94 0.00	18.22 0.80 -2.32	17.67 0.72 -2.56	17.30 0.71 -1.72	17.52 0.71 -2.67	17.02 0.82 -0.95	17.80 0.88 -1.51	17.72 0.90 -1.23	17.73 0.92 -1.12	18.01 0.99 0.00	18.37 0.97 0.00	19.61 0.97 0.00	20.73 1.12 0.00	20.77 1.10 0.00	22.37 1.36 0.00	27.20 1.73 -0.05	29.49 1.85 0.00	30.51 1.97 0.00	29.45 1.88 0.00	25.54 1.47 0.00	22.45 1.43 0.00	21.32 1.28 0.00	20.21 1.11 0.00
PORT_JEFF_3 23555	22.32 1.91 -1.09	19.26 1.78 -0.02	19.07 1.52 -2.45	18.34 1.27 -2.69	17.92 1.25 -1.80	18.22 1.27 -2.80	17.77 1.52 -1.00	19.37 1.62 -2.33	20.49 1.61 -3.30	21.42 1.60 -4.14	20.77 1.62 -2.13	21.92 1.63 -2.89	23.51 1.70 -3.18	25.85 1.92 -4.31	30.15 1.95 -8.53	30.15 2.27 -6.88	33.37 2.82 -5.13	38.98 2.99 -8.35	34.46 3.14 -2.78	33.37 3.01 -2.79	32.28 2.41 -5.80	31.65 2.27 -8.36	25.54 2.30 -3.20	23.71 2.06 -2.55
PORT_JEFF_4 23616	22.32 1.91 -1.09	19.26 1.78 -0.02	19.07 1.52 -2.45	18.34 1.27 -2.69	17.92 1.25 -1.80	18.22 1.27 -2.80	17.77 1.52 -1.00	19.37 1.62 -2.33	20.49 1.61 -3.30	21.42 1.60 -4.14	20.77 1.62 -2.13	21.92 1.63 -2.89	23.51 1.70 -3.18	25.85 1.92 -4.31	30.15 1.95 -8.53	30.15 2.27 -6.88	33.37 2.82 -5.13	38.98 2.99 -8.35	34.46 3.14 -2.78	33.37 3.01 -2.79	32.28 2.41 -5.80	31.65 2.27 -8.36	25.54 2.30 -3.20	23.71 2.06 -2.55
PORT_JEFF_IC 23713	22.35 1.95 -1.09	19.29 1.82 -0.02	19.10 1.56 -2.45	18.37 1.30 -2.69	17.95 1.28 -1.80	18.23 1.29 -2.80	17.79 1.54 -1.00	19.40 1.65 -2.33	20.52 1.64 -3.30	21.45 1.63 -4.14	20.82 1.67 -2.13	21.97 1.69 -2.89	23.57 1.75 -3.18	25.90 1.98 -4.31	30.23 2.03 -8.54	30.63 2.35 -7.27	34.16 2.92 -5.82	39.06 3.07 -8.35	34.53 3.20 -2.79	33.76 3.14 -3.04	32.42 2.53 -5.82	32.35 2.35 -8.97	25.60 2.36 -3.20	23.75 2.10 -2.55
PPL PILGRIM_ST_GT1 24216	22.30 1.89 -1.09	19.22 1.75 -0.02	19.04 1.50 -2.45	18.33 1.25 -2.69	17.90 1.23 -1.80	18.19 1.24 -2.80	17.74 1.50 -1.00	19.34 1.59 -2.33	20.48 1.59 -3.30	21.42 1.60 -4.14	20.80 1.65 -2.13	21.95 1.67 -2.89	23.53 1.71 -3.18	25.86 1.94 -4.31	30.18 1.99 -8.53	28.10 2.25 -4.85	29.93 2.90 -1.61	39.19 3.21 -8.34	34.58 3.31 -2.73	32.17 3.12 -1.47	32.28 2.50 -5.70	28.55 2.31 -5.22	25.54 2.30 -3.20	23.69 2.04 -2.55
PPL PILGRIM_ST_GT2 24217	22.30 1.89 -1.09	19.22 1.75 -0.02	19.04 1.50 -2.45	18.33 1.25 -2.69	17.90 1.23 -1.80	18.19 1.24 -2.80	17.74 1.50 -1.00	19.34 1.59 -2.33	20.48 1.59 -3.30	21.42 1.60 -4.14	20.80 1.65 -2.13	21.95 1.67 -2.89	23.53 1.71 -3.18	25.86 1.94 -4.31	30.18 1.99 -8.53	28.10 2.25 -4.85	29.93 2.90 -1.61	39.19 3.21 -8.34	34.58 3.31 -2.73	32.17 3.12 -1.47	32.28 2.50 -5.70	28.55 2.31 -5.22	25.54 2.30 -3.20	23.69 2.04 -2.55
PPL_SHRM_GT3 24213	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.90 1.75 -2.13	22.06 1.78 -2.89	23.68 1.86 -3.18	26.02 2.10 -4.31	30.41 2.20 -8.54	30.47 2.54 -6.93	33.92 3.28 -5.22	39.59 3.59 -8.35	35.06 3.74 -2.78	33.96 3.56 -2.82	32.72 2.84 -5.81	32.09 2.63 -8.44	25.80 2.57 -3.20	23.96 2.31 -2.55
PPL_SHRM_GT4 24214	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.90 1.75 -2.13	22.06 1.78 -2.89	23.68 1.86 -3.18	26.02 2.10 -4.31	30.41 2.20 -8.54	30.47 2.54 -6.93	33.92 3.28 -5.22	39.59 3.59 -8.35	35.06 3.74 -2.78	33.96 3.56 -2.82	32.72 2.84 -5.81	32.09 2.63 -8.44	25.80 2.57 -3.20	23.96 2.31 -2.55
PROJECT____ORANGE 1 24174	19.23 -0.08 0.00	17.37 -0.09 0.00	15.25 -0.06 -0.21	14.58 -0.04 -0.23	14.97 -0.04 -0.15	14.35 -0.03 -0.24	15.32 -0.02 -0.09	15.52 -0.03 -0.13	15.62 -0.08 -0.11	15.69 -0.09 -0.10	16.95 -0.07 0.00	17.36 -0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.69 0.02 0.00	21.11 0.11 0.00	25.52 0.10 0.00	27.73 0.08 0.00	28.63 0.09 0.00	27.69 0.11 0.00	24.26 0.19 0.00	21.10 0.08 0.00	20.10 0.06 0.00	19.14 0.04 0.00
PROJECT____ORANGE 2 24166	19.23 -0.08 0.00	17.37 -0.09 0.00	15.25 -0.06 -0.21	14.58 -0.04 -0.23	14.97 -0.04 -0.15	14.35 -0.03 -0.24	15.32 -0.02 -0.09	15.52 -0.03 -0.13	15.62 -0.08 -0.11	15.69 -0.09 -0.10	16.95 -0.07 0.00	17.36 -0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.69 0.02 0.00	21.11 0.11 0.00	25.52 0.10 0.00	27.73 0.08 0.00	28.63 0.09 0.00	27.69 0.11 0.00	24.26 0.19 0.00	21.10 0.08 0.00	20.10 0.06 0.00	19.14 0.04 0.00
PUCKETT____SOLAR 323809	19.81 0.50 0.00	17.89 0.44 0.00	16.12 0.30 -0.72	15.52 0.33 -0.80	15.74 0.34 -0.54	15.33 0.35 -0.83	16.00 0.46 -0.30	16.24 0.35 -0.47	16.27 0.30 -0.39	16.23 0.20 -0.35	17.31 0.29 0.00	17.69 0.30 0.00	19.07 0.43 0.00	20.06 0.45 0.00	20.20 0.53 0.00	21.74 0.73 0.00	26.36 0.94 0.00	28.75 1.11 0.00	29.66 1.11 0.00	28.74 1.16 0.00	25.25 1.18 0.00	21.92 0.90 0.00	20.72 0.68 0.00	19.71 0.61 0.00

PYRITES___HYD 24023	19.14 -0.17 0.00	17.33 -0.12 0.00	14.95 -0.15 0.00	14.22 -0.17 0.00	14.73 -0.13 0.00	13.99 -0.16 0.00	15.14 -0.11 0.00	15.30 -0.12 0.00	15.56 -0.03 0.00	15.68 0.00 0.00	17.02 0.00 0.00	17.36 -0.03 0.00	18.68 0.04 0.00	19.43 -0.18 0.00	19.51 -0.16 0.00	20.77 -0.23 0.00	25.19 -0.23 0.00	27.48 -0.17 0.00	28.20 -0.34 0.00	27.22 -0.36 0.00	23.78 -0.29 0.00	20.75 -0.27 0.00	19.68 -0.36 0.00	18.91 -0.19 0.00
QUAKERRD_115KV_BK1 80622	18.83 -0.48 0.00	16.95 -0.51 0.00	15.01 -0.36 -0.27	14.39 -0.30 -0.30	14.77 -0.30 -0.20	14.17 -0.28 -0.31	15.07 -0.29 -0.11	15.27 -0.32 -0.18	15.28 -0.45 -0.14	15.29 -0.52 -0.13	16.48 -0.54 0.00	16.93 -0.47 0.00	18.28 -0.35 0.00	19.20 -0.41 0.00	19.35 -0.31 0.00	20.75 -0.25 0.00	24.94 -0.48 0.00	27.03 -0.61 0.00	27.80 -0.74 0.00	27.03 -0.55 0.00	23.78 -0.29 0.00	20.62 -0.40 0.00	19.60 -0.44 0.00	18.72 -0.38 0.00
QUENSBRY_115KV_TB8 356137	20.63 1.31 0.00	18.64 1.19 0.00	19.46 1.12 -3.24	19.02 1.05 -3.58	18.35 1.09 -2.41	18.91 1.03 -3.73	17.72 1.14 -1.33	18.63 1.11 -2.11	18.43 1.12 -1.72	18.41 1.16 -1.57	18.20 1.17 0.00	18.63 1.24 0.00	19.91 1.27 0.00	20.96 1.35 0.00	21.32 1.65 0.00	22.81 1.81 0.00	27.69 2.34 0.07	30.24 2.60 0.00	31.63 3.08 0.00	30.67 3.09 0.00	26.69 2.62 0.00	23.10 2.08 0.00	21.86 1.82 0.00	20.78 1.68 0.00
RAMAPO___LBMP 323565	20.24 0.93 0.00	18.35 0.89 0.00	18.15 0.74 -2.31	17.60 0.66 -2.55	17.25 0.67 -1.71	17.45 0.65 -2.66	16.93 0.73 -0.95	17.69 0.77 -1.50	17.67 0.86 -1.23	17.66 0.86 -1.12	17.96 0.94 0.00	18.32 0.92 0.00	19.55 0.91 0.00	20.65 1.04 0.00	20.75 1.08 0.00	22.28 1.28 0.00	27.10 1.63 -0.05	29.38 1.74 0.00	30.40 1.86 0.00	29.31 1.74 0.00	25.47 1.40 0.00	22.30 1.28 0.00	21.18 1.14 0.00	20.13 1.03 0.00
RANKINE____ 23646	19.16 -0.15 0.00	17.16 -0.30 0.00	15.12 -0.36 -0.38	14.55 -0.26 -0.42	14.86 -0.28 -0.28	14.34 -0.24 -0.44	15.13 -0.27 -0.16	15.34 -0.32 -0.25	15.21 -0.58 -0.20	15.19 -0.67 -0.18	16.68 -0.34 0.00	17.17 -0.23 0.00	18.60 -0.04 0.00	19.45 -0.16 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.22 -0.20 0.00	27.20 -0.44 0.00	27.92 -0.63 0.00	27.16 -0.41 0.00	23.97 -0.10 0.00	20.83 -0.19 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
RAVENSWOOD_GT2_1 24244	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT2_2 24245	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.94 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT2_3 24246	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT2_4 24247	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.79 1.16 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.59 2.11 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT3_1 24248	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT3_2 24249	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT3_3 24250	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.92 0.93 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.03 1.36 0.00	22.64 1.64 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.38 1.28 0.00
RAVENSWOOD_GT3_4 24251	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.92 0.93 -1.58	17.93 1.04 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.03 1.36 0.00	22.64 1.64 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.38 1.28 0.00
RAVENSWOOD_GT_1 23729	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.69 0.75 -2.80	17.10 0.85 -1.00	18.02 1.02 -1.58	17.89 1.01 -1.29	17.96 1.10 -1.18	18.20 1.17 0.00	18.58 1.18 0.00	19.78 1.14 0.00	20.92 1.31 0.00	20.97 1.30 0.00	22.64 1.64 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.76 2.18 0.00	25.71 1.64 0.00	22.64 1.62 0.00	21.52 1.48 0.00	20.40 1.30 0.00
RAVENSWOOD_GT_10 24258	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00

RAVENSWOOD_GT_11 24259	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.45 0.79 -1.80	17.70 0.76 -2.80	17.13 0.88 -1.00	18.00 1.00 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.78 1.14 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.60 1.60 0.00	27.54 2.06 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_4 24252	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_5 24254	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_6 24253	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_7 24255	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.92 0.93 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.92 1.31 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.80 2.16 0.00	30.77 2.23 0.00	29.70 2.12 0.00	25.73 1.66 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD_GT_9 24257	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.46 0.79 -1.80	17.70 0.76 -2.80	17.10 0.85 -1.00	17.91 0.91 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.77 1.14 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.71 1.64 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.36 1.26 0.00
RAVENSWOOD___1 23533	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.43 0.76 -1.80	17.69 0.75 -2.80	17.09 0.84 -1.00	18.00 1.00 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.78 1.14 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.64 1.64 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.40 1.30 0.00
RAVENSWOOD___2 23534	20.45 1.14 0.00	18.50 1.05 0.00	18.40 0.88 -2.43	17.87 0.79 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.09 0.84 -1.00	18.00 1.00 -1.58	17.89 1.01 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.78 1.14 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.88 2.24 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.64 1.62 0.00	21.50 1.46 0.00	20.38 1.28 0.00
RAVENSWOOD___3 23535	20.45 1.14 0.00	18.52 1.06 0.00	18.42 0.89 -2.43	17.87 0.79 -2.69	17.44 0.77 -1.80	17.70 0.76 -2.80	17.13 0.88 -1.00	18.00 1.00 -1.58	17.91 1.03 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.54 1.15 0.00	19.78 1.14 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.60 1.60 0.00	27.56 2.08 -0.06	29.83 2.18 0.00	30.80 2.25 0.00	29.70 2.12 0.00	25.71 1.64 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.36 1.26 0.00
RAVENSWOOD___4 23820	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.73 -2.80	17.09 0.84 -1.00	18.00 1.00 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.90 1.29 0.00	20.95 1.28 0.00	22.62 1.62 0.00	27.61 2.14 -0.06	29.85 2.21 0.00	30.83 2.28 0.00	29.73 2.15 0.00	25.68 1.61 0.00	22.62 1.60 0.00	21.50 1.46 0.00	20.38 1.28 0.00
RCPI_TRUST___DRP 24196	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00
RED___ROCHESTER 323720	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.39 0.03 -0.12	15.65 0.05 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 0.00 0.00	17.39 0.19 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.92 0.26 0.00	21.40 0.40 0.00	25.70 0.28 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.58 0.51 0.00	21.23 0.21 0.00	20.16 0.12 0.00	19.25 0.15 0.00
REGAN___SOLAR 323812	21.05 1.74 0.00	18.96 1.50 0.00	20.11 1.31 -3.70	19.74 1.27 -4.08	18.92 1.31 -2.74	19.67 1.27 -4.26	18.17 1.40 -1.52	19.16 1.34 -2.40	18.82 1.26 -1.97	18.68 1.21 -1.79	18.25 1.23 0.00	18.66 1.27 0.00	19.94 1.30 0.00	21.23 1.63 0.00	21.68 2.01 0.00	23.46 2.46 0.00	28.70 3.33 0.05	31.35 3.71 0.00	32.57 4.03 0.00	31.63 4.06 0.00	27.49 3.42 0.00	23.65 2.63 0.00	22.22 2.18 0.00	21.07 1.97 0.00
RENSSELAER___COGEN 23796	19.72 0.41 0.00	17.91 0.45 0.00	18.56 0.35 -3.11	18.19 0.36 -3.44	17.56 0.39 -2.31	18.08 0.35 -3.59	16.94 0.41 -1.28	17.83 0.39 -2.02	17.62 0.37 -1.66	17.55 0.36 -1.51	17.41 0.39 0.00	17.78 0.38 0.00	18.97 0.34 0.00	20.04 0.43 0.00	20.16 0.49 0.00	21.59 0.59 0.00	25.99 0.64 0.06	28.36 0.72 0.00	29.40 0.86 0.00	28.43 0.86 0.00	24.74 0.67 0.00	21.71 0.69 0.00	20.64 0.60 0.00	19.64 0.53 0.00

REPUBLIC_115KV_BARTNBRK 55605	21.53 2.22 0.00	19.43 1.97 0.00	20.12 1.78 -3.24	19.64 1.67 -3.58	19.01 1.74 -2.40	19.50 1.63 -3.73	18.38 1.80 -1.33	19.31 1.79 -2.10	19.12 1.81 -1.72	19.13 1.88 -1.57	19.08 2.06 0.00	19.53 2.14 0.00	20.82 2.18 0.00	22.00 2.39 0.00	22.52 2.85 0.00	24.13 3.13 0.00	29.39 4.04 0.07	32.12 4.48 0.00	33.57 5.02 0.00	32.62 5.05 0.00	28.47 4.40 0.00	24.36 3.34 0.00	22.96 2.93 0.00	21.81 2.71 0.00
REVERE_CPPR_DRP 24186	19.81 0.50 0.00	17.88 0.42 0.00	15.52 0.30 -0.12	14.86 0.33 -0.13	15.27 0.31 -0.09	14.61 0.33 -0.14	15.73 0.43 -0.05	15.88 0.39 -0.08	16.03 0.37 -0.06	16.05 0.31 -0.06	17.38 0.36 0.00	17.74 0.35 0.00	19.12 0.48 0.00	20.10 0.49 0.00	20.24 0.57 0.00	21.78 0.78 0.00	26.33 0.92 0.00	28.75 1.11 0.00	29.57 1.03 0.00	28.63 1.05 0.00	25.10 1.04 0.00	21.84 0.82 0.00	20.58 0.54 0.00	19.60 0.50 0.00
REYNOLDS_115KV_TB3 80639	19.87 0.56 0.00	18.03 0.58 0.00	18.69 0.47 -3.12	18.30 0.46 -3.45	17.67 0.49 -2.32	18.19 0.45 -3.59	17.06 0.53 -1.28	17.97 0.52 -2.03	17.72 0.47 -1.66	17.65 0.45 -1.51	17.52 0.49 0.00	17.88 0.49 0.00	19.09 0.45 0.00	20.16 0.55 0.00	20.30 0.63 0.00	21.70 0.69 0.00	26.13 0.79 0.08	28.53 0.88 0.00	29.60 1.06 0.00	28.60 1.02 0.00	24.91 0.84 0.00	21.78 0.76 0.00	20.74 0.70 0.00	19.77 0.67 0.00
RIVERBAY____ 323610	20.72 1.41 0.00	18.73 1.27 0.00	18.59 1.06 -2.43	18.03 0.95 -2.69	17.59 0.92 -1.80	17.82 0.88 -2.80	17.18 0.93 -1.00	18.06 1.06 -1.58	18.02 1.14 -1.29	18.10 1.24 -1.18	18.40 1.38 0.00	18.80 1.41 0.00	19.94 1.30 0.00	21.10 1.49 0.00	21.22 1.55 0.00	22.89 1.89 0.00	28.02 2.54 -0.06	30.24 2.60 0.00	31.20 2.65 0.00	30.11 2.54 0.00	25.95 1.88 0.00	22.85 1.83 0.00	21.72 1.68 0.00	20.71 1.60 0.00
RIVERSDE_115KV_TB3 55908	19.81 0.50 0.00	17.98 0.52 0.00	18.65 0.42 -3.13	18.27 0.42 -3.46	17.63 0.45 -2.32	18.17 0.42 -3.60	17.05 0.52 -1.29	17.96 0.51 -2.03	17.69 0.44 -1.66	17.62 0.42 -1.52	17.48 0.46 0.00	17.85 0.45 0.00	19.05 0.41 0.00	20.12 0.51 0.00	20.28 0.61 0.00	21.67 0.67 0.00	26.11 0.76 0.07	28.50 0.86 0.00	29.54 1.00 0.00	28.57 0.99 0.00	24.86 0.79 0.00	21.73 0.71 0.00	20.70 0.66 0.00	19.71 0.61 0.00
ROARING__BROOK_WT_PWR 323790	18.93 -0.39 0.00	16.93 -0.52 0.00	14.57 -0.53 0.00	13.84 -0.55 0.00	14.27 -0.59 0.00	13.58 -0.57 0.00	14.64 -0.61 0.00	14.85 -0.57 0.00	15.12 -0.47 0.00	15.35 -0.33 0.00	16.73 -0.29 0.00	17.08 -0.31 0.00	18.23 -0.41 0.00	19.14 -0.47 0.00	19.16 -0.51 0.00	20.50 -0.50 0.00	24.96 -0.46 0.00	27.17 -0.47 0.00	28.00 -0.54 0.00	27.00 -0.58 0.00	23.49 -0.58 0.00	20.45 -0.57 0.00	19.50 -0.54 0.00	18.59 -0.51 0.00
ROCHESRG_115KV_T4 355643	19.18 -0.14 0.00	17.25 -0.21 0.00	15.29 -0.09 -0.28	14.67 -0.03 -0.31	15.05 -0.01 -0.21	14.45 -0.01 -0.32	15.35 -0.02 -0.11	15.55 -0.05 -0.18	15.52 -0.22 -0.15	15.52 -0.30 -0.14	16.73 -0.29 0.00	17.20 -0.19 0.00	18.60 -0.04 0.00	19.51 -0.10 0.00	19.71 0.04 0.00	21.11 0.11 0.00	25.32 -0.10 0.00	27.42 -0.22 0.00	28.20 -0.34 0.00	27.41 -0.17 0.00	24.17 0.10 0.00	20.96 -0.06 0.00	19.92 -0.12 0.00	19.04 -0.06 0.00
ROCHESTER_9_IC 23652	19.29 -0.02 0.00	17.33 -0.12 0.00	15.36 -0.02 -0.28	14.74 0.04 -0.31	15.13 0.06 -0.21	14.52 0.06 -0.32	15.42 0.06 -0.12	15.63 0.03 -0.18	15.60 -0.14 -0.15	15.60 -0.22 -0.14	16.82 -0.20 0.00	17.31 -0.09 0.00	18.71 0.07 0.00	19.65 0.04 0.00	19.85 0.18 0.00	21.28 0.27 0.00	25.50 0.08 0.00	27.64 0.00 0.00	28.40 -0.14 0.00	27.63 0.06 0.00	24.36 0.29 0.00	21.10 0.08 0.00	20.04 0.00 0.00	19.16 0.06 0.00
ROCKVIEW_13_KV_LD 356306	20.47 1.16 0.00	18.56 1.10 0.00	18.45 0.92 -2.43	17.90 0.82 -2.69	17.48 0.82 -1.80	17.73 0.79 -2.80	17.13 0.88 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.03 1.36 0.00	22.60 1.60 0.00	27.51 2.03 -0.06	29.80 2.16 0.00	30.80 2.25 0.00	29.73 2.15 0.00	25.75 1.68 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.38 1.28 0.00
ROME____115KV_TB2 80656	19.81 0.50 0.00	17.88 0.42 0.00	15.52 0.30 -0.12	14.86 0.33 -0.13	15.27 0.31 -0.09	14.61 0.33 -0.14	15.73 0.43 -0.05	15.88 0.39 -0.08	16.03 0.37 -0.06	16.05 0.31 -0.06	17.38 0.36 0.00	17.74 0.35 0.00	19.12 0.48 0.00	20.10 0.49 0.00	20.24 0.57 0.00	21.78 0.78 0.00	26.33 0.92 0.00	28.75 1.11 0.00	29.57 1.03 0.00	28.63 1.05 0.00	25.10 1.04 0.00	21.84 0.82 0.00	20.58 0.54 0.00	19.60 0.50 0.00
ROSETON__1 23587	20.22 0.91 0.00	18.31 0.86 0.00	18.25 0.72 -2.43	17.74 0.66 -2.68	17.34 0.67 -1.80	17.59 0.65 -2.80	16.98 0.73 -1.00	17.78 0.79 -1.58	17.69 0.81 -1.29	17.67 0.81 -1.18	17.89 0.87 0.00	18.25 0.85 0.00	19.48 0.84 0.00	20.57 0.96 0.00	20.61 0.94 0.00	22.16 1.15 0.00	26.92 1.45 -0.05	29.22 1.57 0.00	30.23 1.68 0.00	29.18 1.60 0.00	25.32 1.25 0.00	22.26 1.24 0.00	21.16 1.12 0.00	20.08 0.97 0.00
ROSETON__2 23588	20.22 0.91 0.00	18.31 0.86 0.00	18.25 0.72 -2.43	17.74 0.66 -2.68	17.34 0.67 -1.80	17.59 0.65 -2.80	16.98 0.73 -1.00	17.78 0.79 -1.58	17.69 0.81 -1.29	17.67 0.81 -1.18	17.89 0.87 0.00	18.25 0.85 0.00	19.48 0.84 0.00	20.57 0.96 0.00	20.61 0.94 0.00	22.16 1.15 0.00	26.92 1.45 -0.05	29.22 1.57 0.00	30.23 1.68 0.00	29.18 1.60 0.00	25.32 1.25 0.00	22.26 1.24 0.00	21.16 1.12 0.00	20.08 0.97 0.00
ROTTRDAM_115KV_TB3 80664	20.07 0.75 0.00	18.15 0.70 0.00	19.00 0.62 -3.28	18.61 0.59 -3.63	17.91 0.61 -2.44	18.50 0.58 -3.78	17.21 0.61 -1.35	18.17 0.62 -2.13	17.94 0.61 -1.75	17.88 0.61 -1.59	17.67 0.65 0.00	18.04 0.64 0.00	19.27 0.63 0.00	20.33 0.73 0.00	20.49 0.83 0.00	21.93 0.92 0.00	26.53 1.17 0.06	28.91 1.27 0.00	30.00 1.46 0.00	28.98 1.41 0.00	25.25 1.18 0.00	22.01 0.99 0.00	20.92 0.88 0.00	19.92 0.82 0.00
RUSSELL__1 23602	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.19 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00
RUSSELL__2 23532	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.19 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00

RUSSELL___3 23549	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.00 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00
RUSSELL___4 23556	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.00 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00
RUSSELL___STATION 23914	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.00 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00
S SALMON___HYD 24043	19.08 -0.23 0.00	17.23 -0.23 0.00	15.05 -0.21 -0.17	14.40 -0.17 -0.18	14.81 -0.18 -0.12	14.18 -0.16 -0.19	15.19 -0.12 -0.07	15.37 -0.15 -0.11	15.51 -0.17 -0.09	15.56 -0.20 -0.08	16.82 -0.20 0.00	17.20 -0.19 0.00	18.47 -0.17 0.00	19.39 -0.22 0.00	19.47 -0.20 0.00	20.94 -0.06 0.00	25.34 -0.08 0.00	27.64 0.00 0.00	28.49 -0.06 0.00	27.58 0.00 0.00	24.19 0.12 0.00	21.02 0.00 0.00	19.88 -0.16 0.00	18.97 -0.13 0.00
S.PERRY___115KV_TB1 80734	19.93 0.62 0.00	17.91 0.45 0.00	15.87 0.38 -0.39	15.21 0.39 -0.43	15.60 0.45 -0.29	15.03 0.44 -0.45	15.91 0.50 -0.16	16.17 0.49 -0.25	16.09 0.30 -0.21	16.03 0.16 -0.19	17.28 0.26 0.00	17.76 0.37 0.00	19.23 0.60 0.00	20.18 0.57 0.00	20.44 0.77 0.00	22.03 1.03 0.00	26.54 1.12 0.00	28.91 1.27 0.00	29.80 1.26 0.00	28.98 1.41 0.00	25.61 1.54 0.00	22.05 1.03 0.00	20.80 0.76 0.00	19.87 0.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.02 -0.29 0.00	17.02 -0.44 0.00	15.10 -0.36 -0.36	14.53 -0.26 -0.40	14.87 -0.27 -0.27	14.32 -0.24 -0.42	15.11 -0.29 -0.15	15.32 -0.34 -0.24	15.16 -0.62 -0.19	15.13 -0.72 -0.18	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.53 -0.14 0.00	20.94 -0.06 0.00	24.91 -0.51 0.00	26.87 -0.77 0.00	27.57 -0.97 0.00	26.86 -0.72 0.00	23.71 -0.36 0.00	20.62 -0.40 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
SAWYER___23_KV_LOAD 55526	19.02 -0.29 0.00	17.02 -0.44 0.00	15.10 -0.36 -0.36	14.53 -0.26 -0.40	14.87 -0.27 -0.27	14.32 -0.24 -0.42	15.11 -0.29 -0.15	15.32 -0.34 -0.24	15.16 -0.62 -0.19	15.13 -0.72 -0.18	16.49 -0.53 0.00	16.98 -0.42 0.00	18.40 -0.24 0.00	19.26 -0.35 0.00	19.53 -0.14 0.00	20.94 -0.06 0.00	24.91 -0.51 0.00	26.87 -0.77 0.00	27.57 -0.97 0.00	26.86 -0.72 0.00	23.71 -0.36 0.00	20.62 -0.40 0.00	19.58 -0.46 0.00	18.80 -0.31 0.00
SELKIRK___I 23801	19.95 0.64 0.00	18.08 0.63 0.00	18.68 0.53 -3.06	18.29 0.52 -3.38	17.68 0.55 -2.27	18.17 0.51 -3.52	17.05 0.55 -1.26	17.91 0.51 -1.99	17.71 0.50 -1.63	17.66 0.50 -1.48	17.57 0.54 0.00	17.95 0.56 0.00	19.16 0.52 0.00	20.22 0.61 0.00	20.36 0.69 0.00	21.80 0.80 0.00	26.29 0.91 0.04	28.67 1.02 0.00	29.71 1.17 0.00	28.74 1.16 0.00	25.01 0.94 0.00	21.88 0.86 0.00	20.80 0.76 0.00	19.79 0.69 0.00
SELKIRK___II 23799	19.81 0.50 0.00	17.98 0.52 0.00	18.62 0.42 -3.10	18.23 0.42 -3.42	17.61 0.45 -2.30	18.14 0.42 -3.57	16.98 0.46 -1.27	17.86 0.43 -2.01	17.67 0.44 -1.65	17.61 0.42 -1.50	17.48 0.46 0.00	17.85 0.45 0.00	19.05 0.41 0.00	20.10 0.49 0.00	20.20 0.53 0.00	21.63 0.63 0.00	26.11 0.74 0.05	28.47 0.83 0.00	29.48 0.94 0.00	28.52 0.94 0.00	24.82 0.75 0.00	21.76 0.74 0.00	20.68 0.64 0.00	19.67 0.57 0.00
SENECA OSWGO___HYD 24041	19.16 -0.16 0.00	17.30 -0.16 0.00	15.16 -0.12 -0.18	14.50 -0.10 -0.20	14.90 -0.10 -0.14	14.27 -0.08 -0.21	15.23 -0.09 -0.08	15.45 -0.09 -0.12	15.56 -0.13 -0.10	15.63 -0.14 -0.09	16.89 -0.14 0.00	17.29 -0.10 0.00	18.58 -0.06 0.00	19.57 -0.04 0.00	19.61 -0.06 0.00	21.00 0.00 0.00	25.42 0.00 0.00	27.61 -0.03 0.00	28.51 -0.03 0.00	27.58 0.00 0.00	24.17 0.10 0.00	21.02 0.00 0.00	20.00 -0.04 0.00	19.08 -0.02 0.00
SENECA___115KV_TB3 355854	19.20 -0.12 0.00	17.19 -0.26 0.00	15.15 -0.33 -0.38	14.58 -0.23 -0.42	14.89 -0.25 -0.28	14.35 -0.23 -0.44	15.16 -0.24 -0.16	15.36 -0.31 -0.25	15.23 -0.56 -0.20	15.22 -0.64 -0.18	16.72 -0.31 0.00	17.20 -0.19 0.00	18.62 -0.02 0.00	19.49 -0.12 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.27 -0.15 0.00	27.23 -0.41 0.00	27.97 -0.57 0.00	27.19 -0.39 0.00	24.00 -0.07 0.00	20.85 -0.17 0.00	19.80 -0.24 0.00	19.01 -0.10 0.00
SENECA___ENERGY 23797	19.25 -0.06 0.00	17.35 -0.10 0.00	15.32 -0.08 -0.29	14.66 -0.06 -0.33	15.05 -0.03 -0.22	14.47 -0.01 -0.34	15.38 0.02 -0.12	15.58 -0.03 -0.19	15.67 -0.08 -0.16	15.70 -0.13 -0.14	16.94 -0.08 0.00	17.36 -0.03 0.00	18.71 0.07 0.00	19.69 0.08 0.00	19.79 0.12 0.00	21.30 0.29 0.00	25.75 0.33 0.00	27.98 0.33 0.00	28.83 0.29 0.00	27.91 0.33 0.00	24.55 0.48 0.00	21.25 0.23 0.00	20.14 0.10 0.00	19.20 0.10 0.00
SHOEMAKER___GT 23640	20.10 0.79 0.00	18.21 0.75 0.00	17.87 0.62 -2.15	17.33 0.56 -2.38	17.03 0.56 -1.60	17.19 0.57 -2.48	16.77 0.64 -0.89	17.48 0.66 -1.40	17.40 0.67 -1.15	17.40 0.67 -1.05	17.74 0.71 0.00	18.09 0.70 0.00	19.33 0.69 0.00	20.39 0.79 0.00	20.47 0.81 0.00	22.01 1.01 0.00	26.74 1.27 -0.05	29.02 1.38 0.00	30.03 1.48 0.00	29.01 1.43 0.00	25.23 1.16 0.00	22.13 1.11 0.00	21.02 0.98 0.00	19.96 0.86 0.00
SHOEMAKR_138KV_BK 111 55601	20.10 0.79 0.00	18.21 0.75 0.00	17.85 0.62 -2.14	17.31 0.56 -2.36	17.01 0.56 -1.59	17.15 0.55 -2.46	16.74 0.61 -0.88	17.44 0.63 -1.39	17.39 0.67 -1.14	17.39 0.67 -1.04	17.74 0.71 0.00	18.09 0.70 0.00	19.33 0.69 0.00	20.41 0.80 0.00	20.51 0.85 0.00	22.01 1.01 0.00	26.76 1.30 -0.05	29.05 1.41 0.00	30.03 1.48 0.00	29.01 1.43 0.00	25.23 1.16 0.00	22.09 1.07 0.00	20.98 0.94 0.00	19.94 0.84 0.00
SHOREHAM_IC_1 23715	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.90 1.75 -2.13	22.06 1.78 -2.89	23.68 1.86 -3.18	26.02 2.10 -4.31	30.41 2.20 -8.54	30.47 2.54 -6.93	33.92 3.28 -5.22	39.59 3.59 -8.35	35.06 3.74 -2.78	33.96 3.56 -2.82	32.72 2.84 -5.81	32.09 2.63 -8.44	25.80 2.57 -3.20	23.96 2.31 -2.55

SHOREHAM_IC_2 23716	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.90 1.75 -2.13	22.06 1.78 -2.89	23.68 1.86 -3.18	26.02 2.10 -4.31	30.41 2.20 -8.54	30.47 2.54 -6.93	33.92 3.28 -5.22	39.59 3.59 -8.35	35.06 3.74 -2.78	33.96 3.56 -2.82	32.72 2.84 -5.81	32.09 2.63 -8.44	25.80 2.57 -3.20	23.96 2.31 -2.55
SISSONVILLE____ 23735	18.87 -0.44 0.00	17.11 -0.35 0.00	14.77 -0.33 0.00	14.03 -0.36 0.00	14.57 -0.30 0.00	13.83 -0.31 0.00	14.96 -0.29 0.00	15.13 -0.29 0.00	15.37 -0.22 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.45 -0.19 0.00	19.18 -0.43 0.00	19.25 -0.41 0.00	20.48 -0.53 0.00	24.83 -0.58 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.81 -0.77 0.00	23.40 -0.67 0.00	20.41 -0.61 0.00	19.40 -0.64 0.00	18.64 -0.46 0.00
SITHE_IND_GS1 24169	18.91 -0.41 0.00	17.07 -0.38 0.00	14.93 -0.32 -0.15	14.25 -0.30 -0.16	14.67 -0.30 -0.11	14.03 -0.28 -0.17	14.99 -0.32 -0.06	15.19 -0.32 -0.10	15.31 -0.36 -0.08	15.37 -0.38 -0.07	16.63 -0.39 0.00	17.01 -0.38 0.00	18.28 -0.35 0.00	19.23 -0.37 0.00	19.27 -0.39 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.64 -0.40 0.00	18.76 -0.34 0.00
SITHE_IND_GS2 24170	18.91 -0.41 0.00	17.07 -0.38 0.00	14.93 -0.32 -0.15	14.25 -0.30 -0.16	14.67 -0.30 -0.11	14.03 -0.28 -0.17	14.99 -0.32 -0.06	15.19 -0.32 -0.10	15.31 -0.36 -0.08	15.37 -0.38 -0.07	16.63 -0.39 0.00	17.01 -0.38 0.00	18.28 -0.35 0.00	19.23 -0.37 0.00	19.27 -0.39 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.64 -0.40 0.00	18.76 -0.34 0.00
SITHE_IND_GS3 24171	18.91 -0.41 0.00	17.07 -0.38 0.00	14.93 -0.32 -0.15	14.25 -0.30 -0.16	14.67 -0.30 -0.11	14.03 -0.28 -0.17	14.99 -0.32 -0.06	15.19 -0.32 -0.10	15.31 -0.36 -0.08	15.37 -0.38 -0.07	16.63 -0.39 0.00	17.01 -0.38 0.00	18.28 -0.35 0.00	19.23 -0.37 0.00	19.27 -0.39 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.64 -0.40 0.00	18.76 -0.34 0.00
SITHE_IND_GS4 24172	18.91 -0.41 0.00	17.07 -0.38 0.00	14.93 -0.32 -0.15	14.25 -0.30 -0.16	14.67 -0.30 -0.11	14.03 -0.28 -0.17	14.99 -0.32 -0.06	15.19 -0.32 -0.10	15.31 -0.36 -0.08	15.37 -0.38 -0.07	16.63 -0.39 0.00	17.01 -0.38 0.00	18.28 -0.35 0.00	19.23 -0.37 0.00	19.27 -0.39 0.00	20.58 -0.42 0.00	24.88 -0.54 0.00	27.03 -0.61 0.00	27.91 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.64 -0.40 0.00	18.76 -0.34 0.00
SITHE____BATAVIA 24024	19.43 0.12 0.00	17.47 0.02 0.00	15.42 0.00 -0.32	14.82 0.07 -0.36	15.18 0.07 -0.24	14.59 0.07 -0.37	15.44 0.06 -0.13	15.58 -0.05 -0.21	15.54 -0.22 -0.17	15.51 -0.33 -0.16	16.84 -0.19 0.00	17.34 -0.05 0.00	18.81 0.17 0.00	19.69 0.08 0.00	19.92 0.26 0.00	21.46 0.46 0.00	25.67 0.25 0.00	27.70 0.06 0.00	28.43 -0.11 0.00	27.74 0.17 0.00	24.60 0.53 0.00	21.19 0.17 0.00	20.12 0.08 0.00	19.25 0.15 0.00
SITHE____INDEPEND 23800	18.91 -0.41 0.00	17.07 -0.38 0.00	14.93 -0.32 -0.15	14.25 -0.30 -0.16	14.67 -0.30 -0.11	14.03 -0.28 -0.17	15.00 -0.30 -0.06	15.21 -0.31 -0.10	15.31 -0.36 -0.08	15.37 -0.38 -0.07	16.63 -0.39 0.00	17.01 -0.38 0.00	18.28 -0.35 0.00	19.24 -0.37 0.00	19.24 -0.43 0.00	20.58 -0.42 0.00	24.89 -0.53 0.00	27.03 -0.61 0.00	27.92 -0.63 0.00	27.00 -0.58 0.00	23.64 -0.43 0.00	20.60 -0.42 0.00	19.68 -0.36 0.00	18.76 -0.34 0.00
SITHE____MASSENA 23902	19.10 -0.21 0.00	17.32 -0.14 0.00	14.98 -0.12 0.00	14.23 -0.16 0.00	14.71 -0.15 0.00	13.97 -0.17 0.00	15.07 -0.18 0.00	15.25 -0.17 0.00	15.48 -0.11 0.00	15.60 -0.08 0.00	16.94 -0.08 0.00	17.27 -0.12 0.00	18.53 -0.11 0.00	19.31 -0.29 0.00	19.37 -0.29 0.00	20.58 -0.42 0.00	24.94 -0.48 0.00	27.15 -0.50 0.00	27.94 -0.60 0.00	26.97 -0.61 0.00	23.52 -0.55 0.00	20.50 -0.52 0.00	19.60 -0.44 0.00	18.82 -0.29 0.00
SITHE____OGDNSBRG 24021	19.18 -0.14 0.00	17.39 -0.07 0.00	14.99 -0.11 0.00	14.26 -0.13 0.00	14.76 -0.10 0.00	14.02 -0.13 0.00	15.16 -0.09 0.00	15.33 -0.09 0.00	15.57 -0.02 0.00	15.70 0.02 0.00	17.04 0.02 0.00	17.36 -0.03 0.00	18.68 0.04 0.00	19.43 -0.18 0.00	19.53 -0.14 0.00	20.77 -0.23 0.00	25.17 -0.25 0.00	27.45 -0.19 0.00	28.20 -0.34 0.00	27.22 -0.36 0.00	23.78 -0.29 0.00	20.75 -0.27 0.00	19.70 -0.34 0.00	18.93 -0.17 0.00
SITHE____STERLING 23777	19.74 0.42 0.00	17.82 0.37 0.00	15.51 0.27 -0.14	14.83 0.29 -0.16	15.25 0.28 -0.10	14.60 0.30 -0.16	15.69 0.38 -0.06	15.85 0.34 -0.09	15.99 0.33 -0.07	16.03 0.28 -0.07	17.34 0.32 0.00	17.71 0.31 0.00	19.07 0.43 0.00	20.06 0.45 0.00	20.18 0.51 0.00	21.65 0.65 0.00	26.23 0.81 0.00	28.55 0.91 0.00	29.40 0.86 0.00	28.46 0.88 0.00	24.96 0.89 0.00	21.71 0.69 0.00	20.52 0.48 0.00	19.56 0.46 0.00
SLEIGHT__34_KV_TB1 80719	19.16 -0.15 0.00	17.26 -0.19 0.00	15.27 -0.11 -0.27	14.62 -0.07 -0.30	15.02 -0.04 -0.20	14.43 -0.03 -0.31	15.33 -0.03 -0.11	15.57 -0.03 -0.18	15.58 -0.16 -0.15	15.61 -0.20 -0.13	16.83 -0.19 0.00	17.29 -0.10 0.00	18.68 0.04 0.00	19.63 0.02 0.00	19.77 0.10 0.00	21.23 0.23 0.00	25.55 0.13 0.00	27.73 0.08 0.00	28.54 0.00 0.00	27.72 0.14 0.00	24.38 0.31 0.00	21.13 0.11 0.00	20.04 0.00 0.00	19.12 0.02 0.00
SOUTH CAIRO____GT 23612	20.41 1.10 0.00	18.47 1.01 0.00	18.77 0.75 -2.92	18.32 0.71 -3.23	17.79 0.76 -2.17	18.23 0.72 -3.36	17.30 0.85 -1.20	18.04 0.72 -1.90	17.77 0.62 -1.55	17.68 0.58 -1.42	17.69 0.66 0.00	18.02 0.63 0.00	19.27 0.63 0.00	20.35 0.74 0.00	20.59 0.92 0.00	22.11 1.11 0.00	27.02 1.63 0.03	29.41 1.77 0.00	30.60 2.06 0.00	29.65 2.07 0.00	25.75 1.68 0.00	22.49 1.47 0.00	21.32 1.28 0.00	20.27 1.17 0.00
SOUTH HAMPTN____IC 23720	22.74 2.34 -1.09	19.66 2.18 -0.02	19.42 1.87 -2.45	18.65 1.57 -2.69	18.23 1.56 -1.80	18.50 1.56 -2.80	18.09 1.84 -1.00	19.73 1.97 -2.33	20.84 1.95 -3.30	21.77 1.94 -4.14	21.19 2.04 -2.13	22.35 2.07 -2.89	24.01 2.20 -3.18	26.39 2.47 -4.31	30.80 2.60 -8.53	30.79 2.96 -6.82	34.24 3.79 -5.03	40.14 4.15 -8.35	35.63 4.31 -2.78	34.44 4.11 -2.75	33.19 3.32 -5.80	32.32 3.03 -8.27	26.14 2.90 -3.20	24.27 2.62 -2.55
SOUTHDOW_115KV_TB1 355954	19.70 0.39 0.00	17.56 0.10 0.00	15.33 -0.18 -0.41	14.71 -0.13 -0.45	15.00 -0.16 -0.30	14.49 -0.13 -0.47	15.33 -0.09 -0.17	15.58 -0.11 -0.27	15.57 -0.23 -0.22	15.61 -0.27 -0.20	17.40 0.37 0.00	17.86 0.47 0.00	19.29 0.65 0.00	20.18 0.57 0.00	20.49 0.83 0.00	22.01 1.01 0.00	26.21 0.79 0.00	28.22 0.58 0.00	28.97 0.43 0.00	28.10 0.52 0.00	24.77 0.70 0.00	21.46 0.44 0.00	20.32 0.28 0.00	19.46 0.36 0.00

SOUTHOLD_69_KV_BK 2 55809	23.11 2.70 -1.09	19.97 2.50 -0.02	19.68 2.13 -2.45	18.88 1.80 -2.69	18.47 1.80 -1.80	18.74 1.80 -2.80	18.32 2.07 -1.00	19.96 2.20 -2.33	21.13 2.24 -3.30	22.08 2.26 -4.14	21.53 2.38 -2.13	22.72 2.44 -2.89	24.41 2.59 -3.18	26.84 2.92 -4.31	31.35 3.15 -8.53	31.33 3.51 -6.82	34.95 4.50 -5.03	40.94 4.95 -8.35	36.46 5.14 -2.78	35.21 4.88 -2.75	33.84 3.97 -5.80	32.82 3.53 -8.27	26.56 3.33 -3.20	24.71 3.06 -2.55
SOUTHOLD____IC 23719	23.11 2.70 -1.09	19.97 2.50 -0.02	19.68 2.13 -2.45	18.88 1.80 -2.69	18.47 1.80 -1.80	18.74 1.80 -2.80	18.37 2.12 -1.00	20.02 2.27 -2.33	21.13 2.25 -3.30	22.08 2.26 -4.14	21.53 2.38 -2.13	22.72 2.44 -2.89	24.40 2.59 -3.18	26.84 2.92 -4.31	31.29 3.09 -8.53	31.33 3.51 -6.82	34.95 4.50 -5.03	40.94 4.95 -8.35	36.46 5.14 -2.78	35.21 4.88 -2.75	33.84 3.97 -5.80	32.87 3.57 -8.27	26.62 3.39 -3.20	24.70 3.06 -2.55
SPIERFLS_115KV_TB 1 80737	20.47 1.16 0.00	18.49 1.03 0.00	19.34 1.00 -3.24	18.91 0.94 -3.58	18.25 0.98 -2.41	18.81 0.93 -3.74	17.60 1.02 -1.33	18.53 1.00 -2.11	18.31 1.00 -1.73	18.27 1.02 -1.57	18.04 1.02 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.75 1.14 0.00	21.06 1.40 0.00	22.54 1.53 0.00	27.33 1.98 0.07	29.85 2.21 0.00	31.23 2.68 0.00	30.28 2.70 0.00	26.36 2.29 0.00	22.87 1.85 0.00	21.66 1.62 0.00	20.59 1.49 0.00
ST LAWRENCE____ 23600	18.94 -0.37 0.00	17.14 -0.31 0.00	14.83 -0.27 0.00	14.10 -0.29 0.00	14.57 -0.30 0.00	13.85 -0.30 0.00	14.91 -0.34 0.00	15.11 -0.31 0.00	15.31 -0.28 0.00	15.43 -0.25 0.00	16.73 -0.29 0.00	17.08 -0.31 0.00	18.30 -0.33 0.00	19.18 -0.43 0.00	19.24 -0.43 0.00	20.41 -0.59 0.00	24.73 -0.69 0.00	26.90 -0.75 0.00	27.71 -0.83 0.00	26.72 -0.86 0.00	23.30 -0.77 0.00	20.33 -0.69 0.00	19.46 -0.58 0.00	18.61 -0.50 0.00
STATE_CA_115KV_115_LB 55624	19.79 0.48 0.00	17.98 0.52 0.00	18.66 0.41 -3.15	18.29 0.42 -3.49	17.65 0.45 -2.34	18.20 0.42 -3.63	17.08 0.53 -1.30	17.99 0.52 -2.05	17.70 0.44 -1.68	17.65 0.44 -1.53	17.50 0.48 0.00	17.86 0.47 0.00	19.07 0.43 0.00	20.16 0.55 0.00	20.32 0.65 0.00	21.74 0.74 0.00	26.19 0.84 0.07	28.55 0.91 0.00	29.63 1.08 0.00	28.63 1.05 0.00	24.91 0.84 0.00	21.78 0.76 0.00	20.72 0.68 0.00	19.73 0.63 0.00
STATE_ST_34_KV_LOAD 55959	19.43 0.12 0.00	17.53 0.07 0.00	15.47 0.08 -0.29	14.80 0.09 -0.32	15.20 0.12 -0.22	14.60 0.13 -0.33	15.52 0.15 -0.12	15.76 0.15 -0.19	15.84 0.09 -0.15	15.90 0.08 -0.14	17.14 0.12 0.00	17.57 0.17 0.00	18.92 0.28 0.00	19.90 0.29 0.00	19.96 0.30 0.00	21.49 0.48 0.00	25.98 0.56 0.00	28.25 0.61 0.00	29.14 0.60 0.00	28.21 0.63 0.00	24.74 0.67 0.00	21.44 0.42 0.00	20.34 0.30 0.00	19.37 0.27 0.00
STATION 5_MISC_HYD 23604	19.29 -0.02 0.00	17.33 -0.12 0.00	15.36 -0.02 -0.28	14.74 0.04 -0.31	15.13 0.06 -0.21	14.52 0.06 -0.32	15.33 -0.03 -0.12	15.59 -0.02 -0.18	15.60 -0.14 -0.15	15.60 -0.22 -0.14	16.82 -0.20 0.00	17.31 -0.09 0.00	18.71 0.07 0.00	19.65 0.04 0.00	19.81 0.14 0.00	21.27 0.27 0.00	25.55 0.13 0.00	27.64 0.00 0.00	28.40 -0.14 0.00	27.63 0.06 0.00	24.41 0.34 0.00	21.10 0.08 0.00	20.06 0.02 0.00	19.16 0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.43 0.12 0.00	17.49 0.03 0.00	15.45 0.08 -0.28	14.80 0.10 -0.31	15.20 0.13 -0.21	14.59 0.13 -0.32	15.52 0.15 -0.12	15.76 0.15 -0.18	15.77 0.03 -0.15	15.78 -0.03 -0.14	17.04 0.02 0.00	17.52 0.12 0.00	18.92 0.28 0.00	19.88 0.27 0.00	20.06 0.39 0.00	21.53 0.53 0.00	25.90 0.48 0.00	28.11 0.47 0.00	28.94 0.40 0.00	28.10 0.52 0.00	24.72 0.65 0.00	21.40 0.38 0.00	20.28 0.24 0.00	19.37 0.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.20 -0.12 0.00	17.26 -0.19 0.00	15.29 -0.09 -0.28	14.67 -0.03 -0.31	15.05 -0.01 -0.21	14.45 -0.01 -0.32	15.35 -0.02 -0.11	15.55 -0.05 -0.18	15.53 -0.20 -0.15	15.55 -0.27 -0.13	16.77 -0.26 0.00	17.24 -0.16 0.00	18.64 0.00 0.00	19.57 -0.04 0.00	19.75 0.08 0.00	21.17 0.17 0.00	25.42 0.00 0.00	27.53 -0.11 0.00	28.31 -0.23 0.00	27.52 -0.06 0.00	24.26 0.19 0.00	21.02 0.00 0.00	19.96 -0.08 0.00	19.08 -0.02 0.00
STA_56____34_KV_BUS2 355983	19.20 -0.12 0.00	17.26 -0.19 0.00	15.29 -0.09 -0.28	14.67 -0.03 -0.31	15.05 -0.01 -0.21	14.45 -0.01 -0.32	15.35 -0.02 -0.11	15.55 -0.05 -0.18	15.53 -0.20 -0.15	15.55 -0.27 -0.13	16.77 -0.26 0.00	17.24 -0.16 0.00	18.64 0.00 0.00	19.57 -0.04 0.00	19.75 0.08 0.00	21.17 0.17 0.00	25.42 0.00 0.00	27.53 -0.11 0.00	28.31 -0.23 0.00	27.52 -0.06 0.00	24.26 0.19 0.00	21.02 0.00 0.00	19.96 -0.08 0.00	19.08 -0.02 0.00
STA_67____115KV_BK2 355882	19.25 -0.06 0.00	17.30 -0.16 0.00	15.33 -0.05 -0.28	14.72 0.01 -0.31	15.10 0.03 -0.21	14.49 0.03 -0.32	15.41 0.05 -0.12	15.62 0.02 -0.18	15.57 -0.17 -0.15	15.58 -0.24 -0.14	16.78 -0.24 0.00	17.27 -0.12 0.00	18.68 0.04 0.00	19.59 -0.02 0.00	19.79 0.12 0.00	21.21 0.21 0.00	25.42 0.00 0.00	27.56 -0.08 0.00	28.31 -0.23 0.00	27.55 -0.03 0.00	24.29 0.22 0.00	21.04 0.02 0.00	20.00 -0.04 0.00	19.12 0.02 0.00
STA_7____115KV_9TRANS 80674	19.37 0.06 0.00	17.40 -0.05 0.00	15.42 0.05 -0.28	14.80 0.10 -0.31	15.19 0.12 -0.21	14.58 0.11 -0.32	15.49 0.12 -0.12	15.69 0.09 -0.18	15.66 -0.08 -0.15	15.66 -0.16 -0.14	16.90 -0.12 0.00	17.39 0.00 0.00	18.82 0.19 0.00	19.75 0.14 0.00	19.94 0.28 0.00	21.38 0.38 0.00	25.65 0.23 0.00	27.81 0.17 0.00	28.57 0.03 0.00	27.80 0.22 0.00	24.50 0.43 0.00	21.23 0.21 0.00	20.14 0.10 0.00	19.25 0.15 0.00
STA_82____115KV_TB1 80780	19.25 -0.06 0.00	17.32 -0.14 0.00	15.35 -0.03 -0.28	14.73 0.03 -0.31	15.12 0.04 -0.21	14.51 0.04 -0.32	15.41 0.05 -0.12	15.62 0.02 -0.18	15.58 -0.16 -0.15	15.58 -0.24 -0.14	16.80 -0.22 0.00	17.27 -0.12 0.00	18.69 0.06 0.00	19.61 0.00 0.00	19.81 0.14 0.00	21.23 0.23 0.00	25.44 0.03 0.00	27.59 -0.06 0.00	28.34 -0.20 0.00	27.58 0.00 0.00	24.31 0.24 0.00	21.06 0.04 0.00	20.02 -0.02 0.00	19.14 0.04 0.00
STEEL____WIND 323596	19.18 -0.13 0.00	17.19 -0.26 0.00	15.13 -0.35 -0.38	14.57 -0.24 -0.42	14.88 -0.27 -0.28	14.34 -0.24 -0.44	15.30 -0.11 -0.16	15.27 -0.40 -0.25	15.21 -0.58 -0.20	15.21 -0.66 -0.18	16.70 -0.32 0.00	17.19 -0.21 0.00	18.60 -0.04 0.00	19.47 -0.14 0.00	19.69 0.02 0.00	21.21 0.21 0.00	25.32 -0.10 0.00	27.20 -0.44 0.00	27.91 -0.63 0.00	27.19 -0.39 0.00	24.09 0.02 0.00	20.85 -0.17 0.00	19.82 -0.22 0.00	18.99 -0.11 0.00
STEPHTWN_115KV_BK_2 55603	19.95 0.64 0.00	18.10 0.65 0.00	18.73 0.51 -3.11	18.34 0.50 -3.44	17.71 0.54 -2.31	18.24 0.51 -3.59	17.18 0.66 -1.28	18.09 0.65 -2.02	17.79 0.55 -1.66	17.74 0.55 -1.51	17.62 0.60 0.00	18.00 0.61 0.00	19.22 0.58 0.00	20.29 0.69 0.00	20.49 0.83 0.00	21.93 0.92 0.00	26.47 1.12 0.06	28.89 1.24 0.00	29.94 1.40 0.00	28.98 1.41 0.00	25.23 1.16 0.00	22.03 1.01 0.00	20.92 0.88 0.00	19.90 0.80 0.00

STEUBEN_REC_LFGE 323667	19.68 0.37 0.00	17.67 0.21 0.00	15.65 0.06 -0.49	15.03 0.10 -0.54	15.35 0.12 -0.36	14.88 0.17 -0.56	15.65 0.20 -0.20	15.94 0.20 -0.32	15.93 0.08 -0.26	15.95 0.03 -0.24	17.38 0.36 0.00	17.85 0.45 0.00	19.31 0.67 0.00	20.24 0.63 0.00	20.49 0.83 0.00	22.07 1.07 0.00	26.49 1.07 0.00	28.69 1.05 0.00	29.51 0.97 0.00	28.57 0.99 0.00	25.20 1.13 0.00	21.78 0.76 0.00	20.50 0.46 0.00	19.58 0.48 0.00
STONY__BROOK 24151	22.35 1.95 -1.09	19.29 1.82 -0.02	19.10 1.56 -2.45	18.37 1.30 -2.69	17.95 1.28 -1.80	18.24 1.30 -2.80	17.80 1.56 -1.00	19.42 1.67 -2.33	20.54 1.65 -3.30	21.48 1.66 -4.14	20.85 1.70 -2.13	22.01 1.72 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.25 2.05 -8.54	31.04 2.39 -7.65	34.92 3.02 -6.47	39.18 3.18 -8.36	34.65 3.31 -2.80	34.09 3.23 -3.29	32.49 2.58 -5.84	33.00 2.42 -9.56	25.62 2.38 -3.20	23.77 2.12 -2.55
STURGEON_POOL_HYD 23609	20.34 1.02 0.00	18.40 0.94 0.00	18.34 0.74 -2.50	17.81 0.65 -2.77	17.38 0.65 -1.86	17.66 0.64 -2.88	16.93 0.66 -1.03	17.74 0.69 -1.63	17.68 0.76 -1.33	17.68 0.78 -1.21	17.89 0.87 0.00	18.23 0.83 0.00	19.42 0.78 0.00	20.51 0.90 0.00	20.55 0.89 0.00	22.07 1.07 0.00	27.04 1.60 -0.02	29.19 1.55 0.00	30.20 1.66 0.00	29.18 1.60 0.00	25.32 1.25 0.00	22.24 1.22 0.00	21.12 1.08 0.00	20.08 0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.20 0.89 0.00	18.29 0.84 0.00	18.01 0.69 -2.22	17.48 0.63 -2.45	17.15 0.64 -1.65	17.32 0.62 -2.56	16.83 0.67 -0.91	17.57 0.71 -1.44	17.53 0.76 -1.18	17.54 0.78 -1.08	17.86 0.83 0.00	18.21 0.82 0.00	19.46 0.82 0.00	20.55 0.94 0.00	20.63 0.96 0.00	22.16 1.16 0.00	26.94 1.47 -0.05	29.22 1.58 0.00	30.23 1.68 0.00	29.20 1.63 0.00	25.37 1.30 0.00	22.22 1.20 0.00	21.10 1.06 0.00	20.06 0.96 0.00
SWANROAD_115KV_TB1 355699	18.66 -0.66 0.00	16.69 -0.77 0.00	14.84 -0.60 -0.35	14.32 -0.46 -0.39	14.63 -0.49 -0.26	14.09 -0.45 -0.40	14.87 -0.52 -0.14	15.08 -0.57 -0.23	14.89 -0.89 -0.19	14.86 -0.99 -0.17	16.14 -0.89 0.00	16.61 -0.78 0.00	18.00 -0.63 0.00	18.82 -0.78 0.00	19.12 -0.55 0.00	20.50 -0.50 0.00	24.35 -1.07 0.00	26.26 -1.38 0.00	26.92 -1.63 0.00	26.25 -1.32 0.00	23.20 -0.87 0.00	20.18 -0.84 0.00	19.18 -0.86 0.00	18.43 -0.67 0.00
SYNERGY__BIOGAS 323694	19.43 0.12 0.00	17.47 0.02 0.00	15.42 0.00 -0.32	14.82 0.07 -0.36	15.18 0.07 -0.24	14.59 0.07 -0.37	15.44 0.06 -0.13	15.58 -0.05 -0.21	15.54 -0.22 -0.17	15.51 -0.33 -0.16	16.84 -0.19 0.00	17.34 -0.05 0.00	18.81 0.17 0.00	19.69 0.08 0.00	19.92 0.26 0.00	21.46 0.46 0.00	25.67 0.25 0.00	27.70 0.06 0.00	28.43 -0.11 0.00	27.74 0.17 0.00	24.60 0.53 0.00	21.19 0.17 0.00	20.12 0.08 0.00	19.25 0.15 0.00
SYRACUSE__ENERGY_ST1 323597	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
SYRACUSE__ENERGY_ST2 323598	19.31 0.00 0.00	17.44 -0.02 0.00	15.33 0.00 -0.23	14.66 0.01 -0.25	15.06 0.03 -0.17	14.45 0.04 -0.27	15.39 0.05 -0.09	15.62 0.05 -0.15	15.71 0.00 -0.12	15.78 -0.02 -0.11	17.02 0.00 0.00	17.45 0.05 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.79 0.12 0.00	21.23 0.23 0.00	25.67 0.25 0.00	27.89 0.25 0.00	28.80 0.26 0.00	27.85 0.28 0.00	24.43 0.36 0.00	21.23 0.21 0.00	20.20 0.16 0.00	19.25 0.15 0.00
SYRACUSE__POWER 24017	19.27 -0.04 0.00	17.40 -0.05 0.00	15.31 -0.03 -0.24	14.65 -0.01 -0.27	15.03 -0.01 -0.18	14.42 0.00 -0.28	15.36 0.02 -0.10	15.58 0.00 -0.16	15.69 -0.03 -0.13	15.75 -0.05 -0.12	16.99 -0.03 0.00	17.39 0.00 0.00	18.71 0.07 0.00	19.69 0.08 0.00	19.75 0.08 0.00	21.17 0.17 0.00	25.60 0.18 0.00	27.84 0.19 0.00	28.74 0.20 0.00	27.77 0.19 0.00	24.36 0.29 0.00	21.17 0.15 0.00	20.14 0.10 0.00	19.20 0.10 0.00
TALLMAN__138KV_BK151 55660	20.30 0.98 0.00	18.38 0.93 0.00	18.18 0.79 -2.30	17.64 0.71 -2.54	17.27 0.70 -1.71	17.48 0.69 -2.65	16.96 0.76 -0.95	17.72 0.80 -1.49	17.70 0.89 -1.22	17.71 0.91 -1.12	18.01 0.99 0.00	18.37 0.97 0.00	19.61 0.97 0.00	20.71 1.10 0.00	20.81 1.14 0.00	22.35 1.34 0.00	27.20 1.73 -0.05	29.47 1.82 0.00	30.48 1.94 0.00	29.43 1.85 0.00	25.54 1.47 0.00	22.39 1.37 0.00	21.24 1.20 0.00	20.19 1.09 0.00
TEALLAVE_115KV_TB7 355573	19.22 -0.10 0.00	17.35 -0.10 0.00	15.23 -0.08 -0.20	14.56 -0.06 -0.23	14.97 -0.04 -0.15	14.35 -0.03 -0.24	15.30 -0.03 -0.08	15.52 -0.03 -0.13	15.62 -0.08 -0.11	15.68 -0.09 -0.10	16.94 -0.09 0.00	17.34 -0.05 0.00	18.66 0.02 0.00	19.63 0.02 0.00	19.67 0.00 0.00	21.09 0.08 0.00	25.50 0.08 0.00	27.70 0.06 0.00	28.60 0.06 0.00	27.66 0.08 0.00	24.24 0.17 0.00	21.08 0.06 0.00	20.08 0.04 0.00	19.14 0.04 0.00
TELGRAPH_34_KV_EAST 80808	19.12 -0.19 0.00	17.12 -0.33 0.00	15.19 -0.24 -0.33	14.62 -0.14 -0.37	14.96 -0.15 -0.25	14.40 -0.13 -0.38	15.23 -0.15 -0.14	15.44 -0.20 -0.22	15.28 -0.48 -0.18	15.26 -0.58 -0.16	16.58 -0.44 0.00	17.08 -0.31 0.00	18.53 -0.11 0.00	19.37 -0.24 0.00	19.67 0.00 0.00	21.11 0.11 0.00	25.11 -0.31 0.00	27.12 -0.53 0.00	27.83 -0.71 0.00	27.14 -0.44 0.00	23.97 -0.10 0.00	20.79 -0.23 0.00	19.74 -0.30 0.00	18.93 -0.17 0.00
TEMPLE__115KV_TB 2 55572	19.23 -0.08 0.00	17.37 -0.09 0.00	15.25 -0.06 -0.21	14.58 -0.04 -0.23	14.97 -0.04 -0.15	14.35 -0.03 -0.24	15.32 -0.02 -0.09	15.52 -0.03 -0.13	15.62 -0.08 -0.11	15.69 -0.09 -0.10	16.95 -0.07 0.00	17.36 -0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.69 0.02 0.00	21.11 0.11 0.00	25.52 0.10 0.00	27.73 0.08 0.00	28.63 0.09 0.00	27.69 0.11 0.00	24.26 0.19 0.00	21.10 0.08 0.00	20.10 0.06 0.00	19.14 0.04 0.00
TIANA____69_KV_BK 1 55817	22.66 2.26 -1.09	19.57 2.09 -0.02	19.34 1.80 -2.45	18.59 1.51 -2.69	18.17 1.50 -1.80	18.44 1.50 -2.80	17.99 1.74 -1.00	19.59 1.83 -2.33	20.76 1.87 -3.30	21.69 1.87 -4.14	21.09 1.94 -2.13	22.27 1.98 -2.89	23.90 2.09 -3.18	26.28 2.35 -4.31	30.72 2.52 -8.53	30.64 2.81 -6.82	34.09 3.63 -5.03	39.97 3.98 -8.35	35.46 4.14 -2.78	34.27 3.94 -2.75	33.05 3.18 -5.80	32.15 2.86 -8.27	25.98 2.75 -3.20	24.17 2.52 -2.55
TILDEN__115KV_TB1 80814	19.27 -0.04 0.00	17.40 -0.05 0.00	15.31 -0.03 -0.24	14.65 -0.01 -0.27	15.03 -0.01 -0.18	14.42 0.00 -0.28	15.36 0.02 -0.10	15.58 0.00 -0.16	15.69 -0.03 -0.13	15.75 -0.05 -0.12	16.99 -0.03 0.00	17.39 0.00 0.00	18.71 0.07 0.00	19.69 0.08 0.00	19.75 0.08 0.00	21.17 0.17 0.00	25.60 0.18 0.00	27.84 0.19 0.00	28.74 0.20 0.00	27.77 0.19 0.00	24.36 0.29 0.00	21.17 0.15 0.00	20.14 0.10 0.00	19.20 0.10 0.00

TRIGEN___CC 323695	21.81 1.41 -1.09	18.82 1.34 -0.02	18.68 1.13 -2.45	18.03 0.95 -2.69	17.60 0.94 -1.80	17.89 0.95 -2.80	17.35 1.10 -1.00	18.89 1.14 -2.33	20.12 1.23 -3.30	21.09 1.27 -4.14	20.48 1.33 -2.13	21.61 1.32 -2.89	23.16 1.34 -3.18	25.41 1.49 -4.31	29.71 1.51 -8.52	27.10 1.76 -4.33	28.42 2.29 -0.71	38.39 2.40 -8.34	33.77 2.51 -2.72	31.14 2.43 -1.14	31.65 1.90 -5.68	27.18 1.74 -4.41	24.88 1.64 -3.20	23.16 1.51 -2.55
TRINITY___115KV___4 BK 55933	19.76 0.44 0.00	17.93 0.47 0.00	18.60 0.38 -3.12	18.23 0.39 -3.45	17.58 0.40 -2.32	18.12 0.38 -3.60	17.02 0.49 -1.28	17.93 0.48 -2.03	17.64 0.39 -1.66	17.59 0.39 -1.52	17.43 0.41 0.00	17.79 0.40 0.00	18.99 0.35 0.00	20.06 0.45 0.00	20.22 0.55 0.00	21.61 0.61 0.00	26.04 0.69 0.07	28.42 0.77 0.00	29.46 0.91 0.00	28.49 0.91 0.00	24.79 0.72 0.00	21.69 0.67 0.00	20.64 0.60 0.00	19.68 0.57 0.00
UNION___PROCESSING_DRP 323587	19.27 -0.04 0.00	17.32 -0.14 0.00	15.35 -0.03 -0.28	14.73 0.03 -0.31	15.12 0.04 -0.21	14.51 0.04 -0.32	15.43 0.06 -0.12	15.63 0.03 -0.18	15.58 -0.16 -0.15	15.60 -0.22 -0.14	16.80 -0.22 0.00	17.29 -0.10 0.00	18.69 0.06 0.00	19.61 0.00 0.00	19.81 0.14 0.00	21.23 0.23 0.00	25.47 0.05 0.00	27.59 -0.06 0.00	28.37 -0.17 0.00	27.58 0.00 0.00	24.31 0.24 0.00	21.06 0.04 0.00	20.02 -0.02 0.00	19.14 0.04 0.00
UPPER HUDSON___HYD 24058	20.47 1.16 0.00	18.49 1.03 0.00	19.34 1.00 -3.24	18.91 0.93 -3.58	18.25 0.98 -2.41	18.81 0.93 -3.74	17.62 1.04 -1.33	18.53 1.00 -2.11	18.31 1.00 -1.73	18.27 1.02 -1.57	18.04 1.02 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.74 1.14 0.00	21.04 1.38 0.00	22.53 1.53 0.00	27.33 1.98 0.07	29.85 2.21 0.00	31.23 2.68 0.00	30.28 2.70 0.00	26.33 2.26 0.00	22.91 1.89 0.00	21.68 1.64 0.00	20.59 1.49 0.00
UPPER RAQUET___HYD 24056	18.87 -0.44 0.00	17.11 -0.35 0.00	14.77 -0.33 0.00	14.03 -0.36 0.00	14.57 -0.30 0.00	13.83 -0.31 0.00	14.94 -0.30 0.00	15.13 -0.29 0.00	15.37 -0.22 0.00	15.51 -0.17 0.00	16.85 -0.17 0.00	17.19 -0.21 0.00	18.45 -0.19 0.00	19.18 -0.43 0.00	19.25 -0.41 0.00	20.46 -0.55 0.00	24.84 -0.58 0.00	27.03 -0.61 0.00	27.77 -0.77 0.00	26.81 -0.77 0.00	23.40 -0.67 0.00	20.37 -0.65 0.00	19.40 -0.64 0.00	18.64 -0.46 0.00
VALLEY44_115KV_TB2 355964	19.20 -0.12 0.00	17.23 -0.23 0.00	14.89 -0.63 -0.42	14.31 -0.55 -0.47	14.61 -0.56 -0.31	14.13 -0.49 -0.49	14.90 -0.52 -0.17	15.14 -0.56 -0.27	15.13 -0.69 -0.22	15.08 -0.80 -0.20	16.90 -0.12 0.00	17.38 -0.02 0.00	18.79 0.15 0.00	19.67 0.06 0.00	19.96 0.30 0.00	21.42 0.42 0.00	25.57 0.15 0.00	27.61 -0.03 0.00	28.37 -0.17 0.00	27.49 -0.08 0.00	24.24 0.17 0.00	21.02 0.00 0.00	19.90 -0.14 0.00	19.08 -0.02 0.00
VALLEY___115KV_TB 1-4 80826	19.51 0.19 0.00	17.61 0.16 0.00	15.22 0.12 0.00	14.51 0.12 0.00	14.97 0.10 0.00	14.24 0.10 0.00	15.39 0.14 0.00	15.54 0.12 0.00	15.73 0.14 0.00	15.81 0.13 0.00	17.16 0.14 0.00	17.53 0.14 0.00	18.81 0.17 0.00	19.78 0.18 0.00	19.85 0.18 0.00	21.25 0.25 0.00	25.70 0.28 0.00	27.97 0.33 0.00	28.83 0.29 0.00	27.83 0.25 0.00	24.29 0.22 0.00	21.19 0.17 0.00	20.14 0.10 0.00	19.18 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.37 1.06 0.00	18.40 0.94 0.00	16.70 0.72 -0.88	16.13 0.76 -0.97	16.26 0.74 -0.65	15.89 0.74 -1.01	16.43 0.82 -0.36	16.78 0.79 -0.57	16.87 0.81 -0.47	16.92 0.82 -0.43	17.92 0.90 0.00	18.32 0.92 0.00	19.76 1.12 0.00	20.80 1.20 0.00	20.97 1.30 0.00	22.51 1.51 0.00	27.17 1.75 0.00	29.69 2.05 0.00	30.54 2.00 0.00	29.56 1.99 0.00	25.88 1.81 0.00	22.55 1.53 0.00	21.24 1.20 0.00	20.19 1.09 0.00
VISCHER___FERRY HYD 24020	20.10 0.79 0.00	18.21 0.75 0.00	18.91 0.65 -3.17	18.51 0.62 -3.50	17.85 0.64 -2.35	18.40 0.61 -3.65	17.24 0.69 -1.30	18.14 0.66 -2.06	17.93 0.65 -1.68	17.86 0.64 -1.54	17.69 0.66 0.00	18.06 0.66 0.00	19.29 0.65 0.00	20.37 0.76 0.00	20.51 0.85 0.00	21.95 0.95 0.00	26.47 1.14 0.09	28.94 1.30 0.00	30.05 1.51 0.00	29.07 1.49 0.00	25.30 1.23 0.00	22.13 1.11 0.00	21.04 1.00 0.00	20.02 0.92 0.00
V_A_10_SYNC_DSASP 323832	18.91 -0.41 0.00	16.97 -0.49 0.00	15.14 -0.27 -0.31	14.58 -0.16 -0.35	14.93 -0.16 -0.23	14.36 -0.14 -0.36	15.09 -0.29 -0.13	15.32 -0.31 -0.20	15.26 -0.50 -0.17	15.25 -0.58 -0.15	16.43 -0.60 0.00	16.89 -0.51 0.00	18.30 -0.33 0.00	19.16 -0.45 0.00	19.33 -0.33 0.00	20.79 -0.21 0.00	24.88 -0.54 0.00	26.81 -0.83 0.00	27.52 -1.03 0.00	26.81 -0.77 0.00	23.71 -0.36 0.00	20.56 -0.46 0.00	19.56 -0.48 0.00	18.72 -0.38 0.00
V_CMM_10_SYNC_DSASP 323787	19.00 -0.31 0.00	17.18 -0.28 0.00	14.86 -0.24 0.00	14.13 -0.26 0.00	14.61 -0.25 0.00	13.87 -0.27 0.00	14.96 -0.29 0.00	15.14 -0.28 0.00	15.35 -0.23 0.00	15.48 -0.20 0.00	16.78 -0.24 0.00	17.13 -0.26 0.00	18.36 -0.28 0.00	19.23 -0.37 0.00	19.27 -0.39 0.00	20.48 -0.52 0.00	24.81 -0.61 0.00	26.98 -0.66 0.00	27.80 -0.74 0.00	26.81 -0.77 0.00	23.37 -0.70 0.00	20.39 -0.63 0.00	19.52 -0.52 0.00	18.66 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.19 -0.20 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.97 -0.27 0.00	15.19 -0.23 0.00	15.45 -0.14 0.00	15.62 -0.06 0.00	16.97 -0.05 0.00	17.29 -0.10 0.00	18.53 -0.11 0.00	19.39 -0.22 0.00	19.41 -0.26 0.00	20.62 -0.38 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.89 -0.66 0.00	26.72 -0.86 0.00	23.18 -0.89 0.00	20.14 -0.88 0.00	19.24 -0.80 0.00	18.40 -0.71 0.00
V_E_10_SYNC_DSASP 323830	20.76 1.45 0.00	18.70 1.24 0.00	16.66 0.89 -0.67	16.06 0.93 -0.74	16.25 0.89 -0.49	15.80 0.89 -0.77	16.68 1.16 -0.27	16.85 1.00 -0.43	16.88 0.94 -0.35	16.85 0.85 -0.32	17.99 0.97 0.00	18.42 1.03 0.00	20.05 1.42 0.00	21.10 1.49 0.00	21.34 1.67 0.00	22.96 1.95 0.00	27.86 2.44 0.00	30.54 2.90 0.00	31.34 2.80 0.00	30.39 2.81 0.00	26.81 2.74 0.00	23.21 2.19 0.00	21.64 1.60 0.00	20.54 1.43 0.00
V_F_30_NSYNC___DSASP 323816	20.37 1.06 0.00	18.42 0.96 0.00	19.19 0.86 -3.23	18.78 0.82 -3.57	18.11 0.85 -2.40	18.67 0.81 -3.72	17.48 0.90 -1.33	18.38 0.86 -2.10	18.15 0.84 -1.72	18.11 0.86 -1.57	17.92 0.90 0.00	18.33 0.94 0.00	19.59 0.95 0.00	20.67 1.06 0.00	20.89 1.22 0.00	22.39 1.39 0.00	27.05 1.70 0.07	29.55 1.91 0.00	30.74 2.20 0.00	29.76 2.18 0.00	25.90 1.83 0.00	22.58 1.56 0.00	21.40 1.36 0.00	20.34 1.24 0.00
V_F_30_SYNC_DSASP 323786	19.79 0.48 0.00	17.98 0.52 0.00	18.66 0.41 -3.15	18.29 0.42 -3.48	17.65 0.45 -2.34	18.20 0.42 -3.63	17.08 0.53 -1.30	17.99 0.52 -2.05	17.70 0.44 -1.68	17.65 0.44 -1.53	17.50 0.48 0.00	17.86 0.47 0.00	19.07 0.43 0.00	20.16 0.55 0.00	20.32 0.65 0.00	21.72 0.71 0.00	26.19 0.84 0.07	28.55 0.91 0.00	29.60 1.06 0.00	28.63 1.05 0.00	24.91 0.84 0.00	21.78 0.76 0.00	20.72 0.68 0.00	19.73 0.63 0.00

V_XM10_SYNC_DSASP 323789	19.25 -0.06 0.00	17.37 -0.09 0.00	14.98 -0.12 0.00	14.19 -0.20 0.00	14.64 -0.22 0.00	13.89 -0.25 0.00	14.97 -0.27 0.00	15.19 -0.23 0.00	15.45 -0.14 0.00	15.62 -0.06 0.00	16.97 -0.05 0.00	17.29 -0.10 0.00	18.53 -0.11 0.00	19.39 -0.22 0.00	19.41 -0.26 0.00	20.62 -0.38 0.00	25.04 -0.38 0.00	27.20 -0.44 0.00	27.89 -0.66 0.00	26.72 -0.86 0.00	23.18 -0.89 0.00	20.14 -0.88 0.00	19.24 -0.80 0.00	18.40 -0.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.35 1.04 0.00	18.43 0.98 0.00	18.25 0.83 -2.32	17.70 0.75 -2.56	17.33 0.74 -1.72	17.53 0.72 -2.67	17.01 0.81 -0.95	17.77 0.85 -1.51	17.76 0.94 -1.23	17.76 0.96 -1.13	18.04 1.02 0.00	18.40 1.01 0.00	19.64 1.01 0.00	20.76 1.16 0.00	20.85 1.18 0.00	22.41 1.41 0.00	27.28 1.80 -0.05	29.55 1.91 0.00	30.57 2.03 0.00	29.51 1.93 0.00	25.61 1.54 0.00	22.45 1.43 0.00	21.30 1.26 0.00	20.25 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.47 1.16 0.00	18.54 1.08 0.00	18.43 0.91 -2.43	17.88 0.81 -2.69	17.46 0.79 -1.80	17.72 0.78 -2.80	17.12 0.87 -1.00	17.94 0.94 -1.58	17.93 1.04 -1.29	17.97 1.11 -1.18	18.21 1.19 0.00	18.58 1.18 0.00	19.81 1.17 0.00	20.94 1.33 0.00	21.04 1.38 0.00	22.66 1.66 0.00	27.64 2.16 -0.06	29.88 2.24 0.00	30.85 2.31 0.00	29.76 2.18 0.00	25.75 1.68 0.00	22.62 1.60 0.00	21.48 1.44 0.00	20.40 1.30 0.00
W50THST__13_KV_LOAD 356117	20.55 1.24 0.00	18.61 1.15 0.00	18.49 0.97 -2.43	17.94 0.86 -2.69	17.51 0.85 -1.80	17.76 0.82 -2.80	17.18 0.93 -1.00	18.00 1.11 -1.58	17.99 1.11 -1.29	18.03 1.18 -1.18	18.28 1.26 0.00	18.66 1.27 0.00	19.91 1.27 0.00	21.04 1.43 0.00	21.14 1.48 0.00	22.77 1.76 0.00	27.77 2.29 -0.06	30.02 2.38 0.00	30.97 2.43 0.00	29.89 2.32 0.00	25.85 1.78 0.00	22.72 1.70 0.00	21.56 1.52 0.00	20.48 1.38 0.00
WADING RIVER_IC_1 23522	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.92 1.77 -2.13	22.08 1.79 -2.89	23.70 1.88 -3.18	26.04 2.12 -4.31	30.40 2.20 -8.53	30.36 2.54 -6.82	33.72 3.28 -5.02	39.58 3.59 -8.35	35.06 3.74 -2.78	33.88 3.56 -2.74	32.73 2.86 -5.80	31.91 2.63 -8.26	25.80 2.57 -3.20	23.96 2.31 -2.55
WADING RIVER_IC_2 23547	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.92 1.77 -2.13	22.08 1.79 -2.89	23.70 1.88 -3.18	26.04 2.12 -4.31	30.40 2.20 -8.53	30.36 2.54 -6.82	33.72 3.28 -5.02	39.58 3.59 -8.35	35.06 3.74 -2.78	33.88 3.56 -2.74	32.73 2.86 -5.80	31.91 2.63 -8.26	25.80 2.57 -3.20	23.96 2.31 -2.55
WADING RIVER_IC_3 23601	22.47 2.07 -1.09	19.41 1.94 -0.02	19.21 1.66 -2.45	18.46 1.38 -2.69	18.03 1.37 -1.80	18.31 1.37 -2.80	17.89 1.65 -1.00	19.51 1.76 -2.33	20.60 1.71 -3.30	21.53 1.71 -4.14	20.92 1.77 -2.13	22.08 1.79 -2.89	23.70 1.88 -3.18	26.04 2.12 -4.31	30.40 2.20 -8.53	30.36 2.54 -6.82	33.72 3.28 -5.02	39.58 3.59 -8.35	35.06 3.74 -2.78	33.88 3.56 -2.74	32.73 2.86 -5.80	31.91 2.63 -8.26	25.80 2.57 -3.20	23.96 2.31 -2.55
WALDENNY_12_KV_BK2 80841	19.16 -0.15 0.00	17.16 -0.30 0.00	15.13 -0.35 -0.38	14.56 -0.24 -0.42	14.88 -0.27 -0.28	14.35 -0.23 -0.43	15.14 -0.26 -0.15	15.36 -0.31 -0.24	15.23 -0.56 -0.20	15.20 -0.66 -0.18	16.68 -0.34 0.00	17.17 -0.23 0.00	18.60 -0.04 0.00	19.45 -0.16 0.00	19.75 0.08 0.00	21.19 0.19 0.00	25.22 -0.20 0.00	27.17 -0.47 0.00	27.89 -0.66 0.00	27.14 -0.44 0.00	23.95 -0.12 0.00	20.81 -0.21 0.00	19.76 -0.28 0.00	18.97 -0.13 0.00
WALDEN__HYDRO 24148	20.32 1.00 0.00	18.38 0.92 0.00	18.20 0.77 -2.34	17.66 0.69 -2.58	17.30 0.70 -1.73	17.51 0.68 -2.69	16.99 0.78 -0.96	17.75 0.82 -1.52	17.66 0.83 -1.24	17.63 0.81 -1.13	17.89 0.87 0.00	18.23 0.83 0.00	19.48 0.84 0.00	20.57 0.96 0.00	20.61 0.94 0.00	22.20 1.20 0.00	27.01 1.55 -0.04	29.36 1.71 0.00	30.40 1.85 0.00	29.34 1.77 0.00	25.49 1.42 0.00	22.39 1.37 0.00	21.26 1.22 0.00	20.15 1.05 0.00
WARRENSBURG____ 23737	20.47 1.16 0.00	18.49 1.03 0.00	19.34 1.00 -3.24	18.91 0.93 -3.58	18.25 0.98 -2.41	18.81 0.93 -3.74	17.62 1.04 -1.33	18.53 1.00 -2.11	18.31 1.00 -1.73	18.27 1.02 -1.57	18.04 1.02 0.00	18.46 1.06 0.00	19.70 1.06 0.00	20.74 1.14 0.00	21.04 1.38 0.00	22.53 1.53 0.00	27.33 1.98 0.07	29.85 2.21 0.00	31.23 2.68 0.00	30.28 2.70 0.00	26.33 2.26 0.00	22.91 1.89 0.00	21.68 1.64 0.00	20.59 1.49 0.00
WATERSIDE____6 8 9 23538	20.43 1.12 0.00	18.50 1.05 0.00	18.39 0.86 -2.43	17.85 0.78 -2.69	17.43 0.76 -1.80	17.68 0.74 -2.80	17.04 0.79 -1.00	17.89 0.89 -1.58	17.88 1.00 -1.29	17.94 1.08 -1.18	18.18 1.16 0.00	18.56 1.17 0.00	19.76 1.12 0.00	20.90 1.29 0.00	21.01 1.34 0.00	22.62 1.62 0.00	27.64 2.16 -0.06	29.85 2.21 0.00	30.83 2.28 0.00	29.76 2.18 0.00	25.68 1.61 0.00	22.58 1.56 0.00	21.44 1.40 0.00	20.38 1.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.47 0.15 0.00	17.58 0.12 0.00	15.19 0.09 0.00	14.49 0.10 0.00	14.95 0.09 0.00	14.23 0.08 0.00	15.36 0.11 0.00	15.51 0.09 0.00	15.70 0.11 0.00	15.77 0.09 0.00	17.12 0.10 0.00	17.50 0.10 0.00	18.77 0.13 0.00	19.75 0.14 0.00	19.83 0.16 0.00	21.21 0.21 0.00	25.65 0.23 0.00	27.95 0.30 0.00	28.80 0.26 0.00	27.83 0.25 0.00	24.31 0.24 0.00	21.21 0.19 0.00	20.16 0.12 0.00	19.20 0.10 0.00
WATSON__69_KV_BK 1 55734	22.47 2.07 -1.09	19.39 1.92 -0.02	19.18 1.63 -2.45	18.44 1.37 -2.69	18.02 1.35 -1.80	18.30 1.36 -2.80	17.83 1.59 -1.00	19.42 1.67 -2.33	20.62 1.73 -3.30	21.55 1.72 -4.14	20.95 1.80 -2.13	22.11 1.83 -2.89	23.72 1.90 -3.18	26.08 2.16 -4.31	30.48 2.28 -8.53	29.13 2.54 -5.58	31.58 3.28 -2.88	39.55 3.57 -8.35	34.97 3.68 -2.75	33.03 3.50 -1.95	32.63 2.82 -5.74	29.92 2.54 -6.35	25.72 2.48 -3.20	23.92 2.27 -2.55
WDELAWARE__HYD 323627	20.16 0.85 0.00	18.21 0.75 0.00	17.82 0.62 -2.11	17.25 0.53 -2.33	16.98 0.55 -1.56	17.11 0.54 -2.43	16.74 0.63 -0.87	17.44 0.65 -1.37	17.33 0.62 -1.12	17.30 0.60 -1.02	17.63 0.61 0.00	17.95 0.56 0.00	19.20 0.56 0.00	20.25 0.65 0.00	20.34 0.67 0.00	21.93 0.92 0.00	26.72 1.27 -0.03	29.11 1.46 0.00	30.11 1.57 0.00	29.12 1.54 0.00	25.27 1.20 0.00	22.22 1.20 0.00	21.06 1.02 0.00	19.96 0.86 0.00
WEST BABYLON__IC 23714	22.33 1.93 -1.09	19.27 1.80 -0.02	19.07 1.52 -2.45	18.36 1.28 -2.69	17.93 1.26 -1.80	18.21 1.27 -2.80	17.73 1.48 -1.00	19.31 1.56 -2.33	20.53 1.64 -3.30	21.47 1.65 -4.14	20.87 1.72 -2.13	22.02 1.74 -2.89	23.60 1.79 -3.18	25.94 2.02 -4.31	30.32 2.12 -8.53	28.01 2.37 -4.64	29.73 3.08 -1.24	39.33 3.34 -8.34	34.72 3.45 -2.73	32.22 3.31 -1.33	32.39 2.62 -5.69	28.30 2.40 -4.88	25.54 2.30 -3.20	23.77 2.12 -2.55

WEST CANADA___HYD 24049	19.37 0.06 0.00	17.49 0.03 0.00	15.13 0.03 0.00	14.42 0.03 0.00	14.89 0.03 0.00	14.17 0.03 0.00	15.28 0.03 0.00	15.45 0.03 0.00	15.62 0.03 0.00	15.71 0.03 0.00	17.06 0.03 0.00	17.43 0.03 0.00	18.68 0.04 0.00	19.65 0.04 0.00	19.71 0.04 0.00	21.09 0.08 0.00	25.52 0.10 0.00	27.75 0.11 0.00	28.66 0.11 0.00	27.69 0.11 0.00	24.17 0.10 0.00	21.13 0.11 0.00	20.10 0.06 0.00	19.14 0.04 0.00
WESTERN_NY_WIND 24143	19.41 0.10 0.00	17.46 0.00 0.00	15.40 -0.03 -0.33	14.80 0.04 -0.36	15.17 0.06 -0.24	14.58 0.06 -0.38	15.43 0.05 -0.13	15.57 -0.06 -0.21	15.51 -0.25 -0.17	15.49 -0.35 -0.16	16.82 -0.20 0.00	17.33 -0.07 0.00	18.77 0.13 0.00	19.67 0.06 0.00	19.88 0.22 0.00	21.42 0.42 0.00	25.62 0.20 0.00	27.64 0.00 0.00	28.37 -0.17 0.00	27.69 0.11 0.00	24.55 0.48 0.00	21.17 0.15 0.00	20.10 0.06 0.00	19.24 0.13 0.00
WESTOVER___LESR 323668	19.52 0.21 0.00	17.61 0.16 0.00	15.90 0.09 -0.71	15.29 0.12 -0.79	15.52 0.13 -0.53	15.10 0.14 -0.82	15.69 0.15 -0.29	16.02 0.14 -0.46	16.08 0.11 -0.38	16.09 0.06 -0.35	17.21 0.19 0.00	17.62 0.23 0.00	18.95 0.32 0.00	19.94 0.33 0.00	20.08 0.41 0.00	21.55 0.55 0.00	26.03 0.61 0.00	28.25 0.61 0.00	29.14 0.60 0.00	28.18 0.61 0.00	24.72 0.65 0.00	21.50 0.48 0.00	20.38 0.34 0.00	19.43 0.32 0.00
WETHRSFD_WT_PWR 323626	19.12 -0.19 0.00	17.16 -0.30 0.00	15.17 -0.35 -0.42	14.60 -0.26 -0.47	14.91 -0.27 -0.31	14.40 -0.23 -0.49	15.30 -0.12 -0.17	15.34 -0.35 -0.27	15.31 -0.50 -0.22	15.32 -0.56 -0.20	16.73 -0.29 0.00	17.19 -0.21 0.00	18.60 -0.04 0.00	19.47 -0.14 0.00	19.67 0.00 0.00	21.19 0.19 0.00	25.37 -0.05 0.00	27.37 -0.28 0.00	28.09 -0.46 0.00	27.30 -0.28 0.00	24.14 0.07 0.00	20.87 -0.15 0.00	19.80 -0.24 0.00	18.91 -0.19 0.00
WHAVSTOR_138KV_BK127 55557	20.28 0.97 0.00	18.38 0.93 0.00	18.19 0.77 -2.32	17.65 0.69 -2.57	17.29 0.70 -1.72	17.50 0.68 -2.67	16.97 0.76 -0.95	17.73 0.80 -1.51	17.71 0.89 -1.23	17.72 0.91 -1.13	17.99 0.97 0.00	18.35 0.96 0.00	19.59 0.95 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.18 1.70 -0.05	29.44 1.80 0.00	30.46 1.91 0.00	29.40 1.82 0.00	25.51 1.44 0.00	22.37 1.35 0.00	21.22 1.18 0.00	20.17 1.07 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.28 0.97 0.00	18.38 0.93 0.00	18.19 0.77 -2.32	17.65 0.69 -2.57	17.29 0.70 -1.72	17.50 0.68 -2.67	16.97 0.76 -0.95	17.73 0.80 -1.51	17.71 0.89 -1.23	17.72 0.91 -1.13	17.99 0.97 0.00	18.35 0.96 0.00	19.59 0.95 0.00	20.71 1.10 0.00	20.79 1.12 0.00	22.33 1.32 0.00	27.18 1.70 -0.05	29.44 1.80 0.00	30.46 1.91 0.00	29.40 1.82 0.00	25.51 1.44 0.00	22.37 1.35 0.00	21.22 1.18 0.00	20.17 1.07 0.00
WHITEHAL_115KV_TB1 80871	20.93 1.62 0.00	18.91 1.45 0.00	19.67 1.33 -3.24	19.22 1.25 -3.58	18.56 1.29 -2.40	19.10 1.23 -3.73	17.94 1.36 -1.33	18.86 1.34 -2.10	18.65 1.34 -1.72	18.63 1.38 -1.57	18.47 1.45 0.00	18.89 1.50 0.00	20.17 1.53 0.00	21.27 1.67 0.00	21.67 2.01 0.00	23.23 2.23 0.00	28.22 2.87 0.07	30.85 3.21 0.00	32.25 3.71 0.00	31.30 3.72 0.00	27.27 3.20 0.00	23.50 2.48 0.00	22.20 2.16 0.00	21.11 2.01 0.00
WHITEPLN_13_KV_LOAD 356215	20.55 1.24 0.00	18.61 1.15 0.00	18.49 0.97 -2.42	17.95 0.88 -2.68	17.54 0.88 -1.80	17.78 0.85 -2.79	17.17 0.93 -1.00	17.98 0.99 -1.57	17.97 1.09 -1.29	17.97 1.11 -1.18	18.25 1.23 0.00	18.61 1.22 0.00	19.91 1.27 0.00	21.06 1.45 0.00	21.12 1.46 0.00	22.70 1.70 0.00	27.67 2.19 -0.06	29.96 2.32 0.00	30.97 2.43 0.00	29.89 2.32 0.00	25.88 1.81 0.00	22.70 1.68 0.00	21.54 1.50 0.00	20.46 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	22.45 2.05 -1.09	19.38 1.90 -0.02	19.18 1.63 -2.45	18.43 1.35 -2.69	18.02 1.35 -1.80	18.30 1.36 -2.80	17.83 1.59 -1.00	19.42 1.67 -2.33	20.59 1.70 -3.30	21.50 1.68 -4.14	20.89 1.74 -2.13	22.04 1.76 -2.89	23.64 1.83 -3.18	25.98 2.06 -4.31	30.41 2.20 -8.53	30.36 2.50 -6.86	33.73 3.20 -5.10	39.50 3.51 -8.35	34.97 3.65 -2.78	33.83 3.47 -2.78	32.66 2.79 -5.80	31.88 2.52 -8.34	25.70 2.46 -3.20	23.92 2.27 -2.55
WOODARD__115KV_TB2 355635	19.18 -0.14 0.00	17.32 -0.14 0.00	15.20 -0.11 -0.21	14.53 -0.09 -0.23	14.94 -0.07 -0.15	14.32 -0.06 -0.24	15.27 -0.06 -0.08	15.49 -0.06 -0.13	15.59 -0.11 -0.11	15.65 -0.13 -0.10	16.90 -0.12 0.00	17.31 -0.09 0.00	18.62 -0.02 0.00	19.59 -0.02 0.00	19.63 -0.04 0.00	21.02 0.02 0.00	25.42 0.00 0.00	27.64 0.00 0.00	28.51 -0.03 0.00	27.61 0.03 0.00	24.17 0.10 0.00	21.04 0.02 0.00	20.04 0.00 0.00	19.08 -0.02 0.00
YORK___WARBASSE 23770	20.45 1.14 0.00	18.52 1.06 0.00	18.40 0.88 -2.43	17.85 0.78 -2.69	17.41 0.74 -1.80	17.65 0.71 -2.80	16.98 0.73 -1.00	17.83 0.83 -1.58	17.85 0.97 -1.29	17.91 1.05 -1.18	18.15 1.12 0.00	18.54 1.15 0.00	19.74 1.10 0.00	20.88 1.27 0.00	20.99 1.32 0.00	22.62 1.62 0.00	27.69 2.21 -0.06	29.94 2.29 0.00	30.85 2.31 0.00	29.81 2.23 0.00	25.68 1.61 0.00	22.60 1.58 0.00	21.46 1.42 0.00	20.40 1.30 0.00