

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										04/24/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1		19.55	17.13	16.27	16.64	18.12	20.55	20.89	22.76	31.44	23.11	20.18	22.09	20.10	19.23	18.49	19.38	20.77	26.91	29.62	22.98	29.66	22.32	22.54	22.88
24138		1.34	1.19	1.12	1.04	0.94	1.09	1.21	1.47	1.78	1.30	1.11	1.10	1.11	1.12	1.13	1.29	1.31	1.56	1.76	1.41	1.69	1.04	1.00	1.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		19.53	17.11	16.24	16.61	18.09	20.51	20.82	22.71	31.38	23.05	20.14	22.03	20.04	19.17	18.43	19.32	20.69	26.81	29.52	22.91	29.58	22.28	22.50	22.84
24260		1.32	1.17	1.09	1.01	0.91	1.05	1.15	1.41	1.72	1.24	1.07	1.04	1.05	1.06	1.07	1.23	1.24	1.46	1.66	1.35	1.61	1.01	0.96	0.96
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		19.53	17.11	16.24	16.61	18.09	20.51	20.82	22.71	31.38	23.05	20.14	22.03	20.04	19.17	18.43	19.32	20.69	26.81	29.52	22.91	29.58	22.28	22.50	22.84
24261		1.32	1.17	1.09	1.01	0.91	1.05	1.15	1.41	1.72	1.24	1.07	1.04	1.05	1.06	1.07	1.23	1.24	1.46	1.66	1.35	1.61	1.01	0.96	0.96
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		18.79	16.39	15.59	16.07	17.50	19.93	20.21	22.01	30.62	22.37	19.38	21.52	19.28	18.31	17.51	18.36	19.91	26.14	28.75	22.26	28.71	21.84	21.92	22.10
24011		0.58	0.45	0.44	0.47	0.32	0.47	0.53	0.72	0.96	0.56	0.32	0.31	0.29	0.20	0.15	0.28	0.45	0.77	0.89	0.70	0.75	0.56	0.38	0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		18.83	16.39	15.59	16.10	17.50	20.02	20.30	22.16	30.79	22.50	19.47	21.59	19.30	18.33	17.54	18.42	20.01	26.30	28.93	22.40	28.83	21.96	22.00	22.12
23798		0.62	0.45	0.44	0.50	0.32	0.56	0.63	0.87	1.13	0.69	0.40	0.39	0.31	0.22	0.18	0.34	0.55	0.93	1.06	0.84	0.87	0.68	0.46	0.24
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS		18.79	16.39	15.59	16.07	17.50	19.93	20.21	22.01	30.62	22.37	19.38	21.52	19.28	18.31	17.51	18.36	19.91	26.14	28.75	22.26	28.71	21.84	21.92	22.10
24028		0.58	0.45	0.44	0.47	0.32	0.47	0.53	0.72	0.96	0.56	0.32	0.31	0.29	0.20	0.15	0.28	0.45	0.77	0.89	0.70	0.75	0.56	0.38	0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM		19.08	16.70	15.90	16.38	17.82	20.03	20.27	22.04	30.54	22.44	19.61	21.89	19.36	18.33	17.49	18.38	19.91	26.08	28.49	21.94	28.29	21.65	21.79	22.03
23527		0.87	0.76	0.75	0.78	0.63	0.57	0.60	0.75	0.88	0.63	0.54	0.46	0.36	0.22	0.13	0.29	0.45	0.68	0.63	0.38	0.32	0.37	0.26	0.15
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		18.33	16.17	15.35	15.73	17.07	19.26	19.52	21.15	29.35	21.52	18.85	20.39	18.77	17.89	17.07	17.82	19.17	24.92	27.50	21.33	27.58	20.94	21.11	21.39
24190		0.11	0.23	0.20	0.13	-0.12	-0.19	-0.15	-0.14	-0.31	-0.29	-0.22	-0.32	-0.22	-0.22	-0.29	-0.27	-0.29	-0.38	-0.37	-0.23	-0.38	-0.34	-0.43	-0.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK		17.90	15.69	14.94	15.52	17.23	19.47	19.56	21.09	29.58	21.77	19.02	21.01	18.92	18.01	17.27	17.92	19.28	25.16	27.60	21.34	27.78	21.23	21.46	21.79
355683		-0.31	-0.25	-0.21	-0.07	0.05	0.01	-0.11	-0.20	-0.08	-0.04	-0.04	0.02	-0.07	-0.09	-0.09	-0.17	-0.18	-0.18	-0.26	-0.22	-0.19	-0.05	-0.08	-0.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		18.72	16.45	15.64	16.04	17.48	19.76	20.03	21.70	30.04	21.95	19.09	20.86	19.08	18.07	17.28	17.95	19.37	25.23	28.03	21.85	28.30	21.51	21.68	21.99
323833		0.51	0.51	0.49	0.44	0.30	0.31	0.36	0.40	0.38	0.15	0.02	0.04	0.09	-0.04	-0.07	-0.14	-0.08	-0.08	0.16	0.29	0.34	0.23	0.15	0.11
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR		18.72	16.45	15.63	16.03	17.47	19.76	20.03	21.68	30.03	21.95	19.09	20.86	19.08	18.07	17.28	17.95	19.37	25.23	28.03	21.85	28.30	21.50	21.68	21.99
323834		0.51	0.51	0.48	0.43	0.29	0.31	0.35	0.39	0.37	0.14	0.02	0.04	0.09	-0.04	-0.07	-0.14	-0.08	-0.08	0.16	0.28	0.33	0.22	0.15	0.11
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1		18.33	16.17	15.35	15.73	17.07	19.26	19.52	21.15	29.35	21.52	18.85	20.39	18.77	17.89	17.07	17.82	19.17	24.92	27.50	21.33	27.58	20.94	21.11	21.39
23571		0.11	0.23	0.20	0.13	-0.12	-0.19	-0.15	-0.14	-0.31	-0.29	-0.22	-0.32	-0.22	-0.22	-0.29	-0.27	-0.29	-0.38	-0.37	-0.23	-0.38	-0.34	-0.43	-0.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.33 0.11 0.00	16.17 0.23 0.00	15.35 0.20 0.00	15.73 0.13 0.00	17.07 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.22 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.82 -0.27 0.00	19.17 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.58 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
ALBANY___3 23573	18.33 0.11 0.00	16.17 0.23 0.00	15.35 0.20 0.00	15.73 0.13 0.00	17.07 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.22 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.82 -0.27 0.00	19.17 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.58 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
ALBANY___4 23574	18.33 0.11 0.00	16.17 0.23 0.00	15.35 0.20 0.00	15.73 0.13 0.00	17.07 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.22 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.82 -0.27 0.00	19.17 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.58 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
ALBANY___LFGE 323615	18.46 0.25 0.00	16.28 0.34 0.00	15.46 0.31 0.00	15.84 0.24 0.00	17.19 0.01 0.00	19.42 -0.04 0.00	19.69 0.02 0.00	21.35 0.06 0.00	29.63 -0.03 0.00	21.72 -0.09 0.00	19.01 -0.06 0.00	20.69 -0.11 0.19	18.96 -0.04 0.00	18.06 -0.05 0.00	17.24 -0.12 0.00	17.98 -0.10 0.00	19.36 -0.10 0.00	25.20 -0.12 0.03	27.79 -0.07 0.00	21.56 -0.01 0.00	27.87 -0.10 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.59 -0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	17.93 -0.29 0.00	15.70 -0.24 0.00	14.96 -0.20 0.00	15.55 -0.05 0.00	17.27 0.09 0.00	19.50 0.04 0.00	19.59 -0.08 0.00	21.13 -0.16 0.00	29.64 -0.02 0.00	22.34 0.00 -0.52	20.00 -0.02 -0.95	21.05 0.05 0.00	18.94 -0.05 0.00	18.02 -0.08 0.00	17.28 -0.08 0.00	17.92 -0.17 0.00	19.26 -0.19 0.00	25.15 -0.19 0.00	27.60 -0.26 0.00	21.38 -0.19 0.00	27.85 -0.11 0.00	21.27 -0.01 0.00	21.50 -0.04 0.00	21.83 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	17.93 -0.29 0.00	15.70 -0.24 0.00	14.96 -0.20 0.00	15.55 -0.05 0.00	17.27 0.09 0.00	19.50 0.04 0.00	19.59 -0.08 0.00	21.13 -0.16 0.00	29.64 -0.02 0.00	22.34 0.00 -0.52	20.00 -0.02 -0.95	21.05 0.05 0.00	18.94 -0.05 0.00	18.02 -0.08 0.00	17.28 -0.08 0.00	17.92 -0.17 0.00	19.26 -0.19 0.00	25.15 -0.19 0.00	27.60 -0.26 0.00	21.38 -0.19 0.00	27.85 -0.11 0.00	21.27 -0.01 0.00	21.50 -0.04 0.00	21.83 -0.05 0.00
ALCOA___DSASP 323711	17.93 -0.29 0.00	15.70 -0.24 0.00	14.96 -0.20 0.00	15.55 -0.05 0.00	17.27 0.09 0.00	19.50 0.04 0.00	19.59 -0.08 0.00	21.13 -0.16 0.00	29.64 -0.02 0.00	22.34 0.00 -0.52	20.00 -0.02 -0.95	21.05 0.05 0.00	18.94 -0.05 0.00	18.02 -0.08 0.00	17.28 -0.08 0.00	17.92 -0.17 0.00	19.26 -0.19 0.00	25.15 -0.19 0.00	27.60 -0.26 0.00	21.38 -0.19 0.00	27.85 -0.11 0.00	21.27 -0.01 0.00	21.50 -0.04 0.00	21.83 -0.05 0.00
ALLEGHENY___COGEN 23514	17.01 -0.22 0.98	15.69 -0.22 0.03	15.07 -0.08 0.00	15.59 -0.01 0.00	17.18 0.00 0.00	19.60 0.14 0.00	19.58 -0.09 0.00	20.80 -0.49 0.00	27.89 -1.77 0.00	20.88 -0.92 0.00	18.51 -0.55 0.00	20.61 -0.39 0.00	19.63 0.64 0.00	19.03 0.92 0.00	18.22 0.86 0.00	18.96 0.87 0.00	20.53 1.07 0.00	26.69 1.35 0.00	29.32 1.46 0.00	22.93 1.36 0.00	29.99 2.03 0.00	22.78 1.50 0.00	23.19 1.65 0.00	23.70 1.81 0.00
ALTAMONT_115KV_TB 2 55880	18.63 0.41 0.00	16.33 0.39 0.00	15.51 0.36 0.00	15.91 0.31 0.00	17.37 0.18 0.00	19.65 0.19 0.00	19.90 0.23 0.00	21.58 0.29 0.00	29.96 0.30 0.00	21.98 0.17 0.00	19.20 0.13 0.00	20.98 0.09 0.11	19.12 0.12 0.00	18.22 0.11 0.00	17.44 0.09 0.00	18.21 0.12 0.00	19.60 0.14 0.00	25.49 0.17 0.02	28.09 0.23 0.00	21.79 0.23 0.00	28.21 0.24 0.00	21.42 0.14 0.00	21.62 0.08 0.00	21.93 0.05 0.00
ALTONA_WT_PWR 323606	17.95 -0.26 0.00	15.71 -0.23 0.00	15.17 0.02 0.00	15.96 0.37 0.00	17.46 0.28 0.00	19.28 -0.18 0.00	18.36 -1.32 0.00	20.00 -1.29 0.00	28.21 -1.45 0.00	-1.34 -1.19 21.96	-21.58 -0.99 39.66	20.08 -0.92 0.00	18.32 -0.67 0.00	17.21 -0.90 0.00	16.85 -0.51 0.00	17.10 -0.99 0.00	18.59 -0.87 0.00	24.32 -1.02 0.00	26.02 -1.84 0.00	20.33 -1.23 0.00	26.51 -1.45 0.00	20.54 -0.74 0.00	21.26 -0.28 0.00	21.71 -0.17 0.00
AMERICAN_REF_FUEL 24010	14.66 -1.66 1.89	14.50 -1.38 0.06	13.98 -1.17 0.00	14.45 -1.15 0.00	16.02 -1.16 0.00	18.28 -1.18 0.00	18.55 -1.12 0.00	20.12 -1.18 0.00	27.63 -2.03 0.00	20.62 -1.19 0.00	18.42 -0.65 0.00	20.53 -0.47 0.00	18.67 -0.33 0.00	17.84 -0.27 0.00	17.14 -0.22 0.00	17.67 -0.42 0.00	19.17 -0.29 0.00	24.73 -0.61 0.00	26.88 -0.98 0.00	20.94 -0.62 0.00	27.27 -0.69 0.00	20.83 -0.45 0.00	21.45 -0.08 0.00	22.14 0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.18 -0.49 1.54	15.39 -0.51 0.05	14.64 -0.51 0.00	14.93 -0.67 0.00	16.60 -0.58 0.00	19.07 -0.39 0.00	19.40 -0.27 0.00	21.23 -0.06 0.00	29.17 -0.48 0.00	21.83 0.02 0.00	19.54 0.47 0.00	21.78 0.78 0.00	19.75 0.76 0.00	18.87 0.76 0.00	18.14 0.78 0.00	18.62 0.53 0.00	20.23 0.78 0.00	26.22 0.88 0.00	28.62 0.76 0.00	22.26 0.70 0.00	28.91 0.94 0.00	21.99 0.71 0.00	22.59 1.05 0.00	23.27 1.39 0.00
ARTHUR KILL_GT_1 23520	19.56 1.35 0.00	17.13 1.19 0.00	16.31 1.16 0.00	16.81 1.22 0.00	18.33 1.14 -0.01	20.78 1.32 -0.01	20.95 1.28 0.00	22.68 1.39 0.00	31.27 1.61 0.00	22.95 1.14 0.00	19.96 0.89 0.00	21.86 0.86 0.00	19.84 0.85 0.00	18.98 0.87 0.00	18.29 0.94 0.00	19.18 1.09 0.00	20.50 1.04 0.00	26.63 1.29 0.00	29.41 1.54 0.00	22.87 1.30 0.00	29.54 1.57 0.00	22.26 0.98 0.00	22.50 0.97 0.00	22.87 0.99 0.00
ARTHUR_KILL_2 23512	19.52 1.30 0.00	17.09 1.15 0.00	16.28 1.13 0.00	16.78 1.18 0.00	18.28 1.10 -0.01	20.73 1.27 -0.01	20.91 1.23 0.00	22.62 1.33 0.00	31.18 1.53 0.00	22.89 1.08 0.00	19.92 0.85 0.00	21.81 0.81 0.00	19.79 0.80 0.00	18.94 0.83 0.00	18.25 0.89 0.00	19.13 1.04 0.00	20.45 0.99 0.00	26.57 1.23 0.00	29.33 1.47 0.00	22.80 1.24 0.00	29.45 1.49 0.00	22.19 0.92 0.00	22.44 0.90 0.00	22.80 0.92 0.00
ARTHUR_KILL_3 23513	19.37 1.15 0.00	16.98 1.04 0.00	16.11 0.96 0.00	16.46 0.86 0.00	17.93 0.74 0.00	20.32 0.86 0.00	20.64 0.97 0.00	22.48 1.19 0.00	31.04 1.38 0.00	22.80 0.99 0.00	19.90 0.83 0.00	21.77 0.77 0.00	19.80 0.81 0.00	18.94 0.84 0.00	18.21 0.86 0.00	19.10 1.01 0.00	20.47 1.01 0.00	26.52 1.18 0.00	29.23 1.37 0.00	22.69 1.13 0.00	29.30 1.34 0.00	22.06 0.78 0.00	22.28 0.75 0.00	22.64 0.75 0.00

ARTHUR_KILL_COGEN 323718	19.56 1.35 0.00	17.13 1.19 0.00	16.31 1.16 0.00	16.81 1.22 0.00	18.33 1.14 -0.01	20.78 1.32 -0.01	20.95 1.28 0.00	22.68 1.39 0.00	31.27 1.61 0.00	22.95 1.14 0.00	19.96 0.89 0.00	21.86 0.86 0.00	19.84 0.85 0.00	18.98 0.87 0.00	18.29 0.94 0.00	19.18 1.09 0.00	20.50 1.04 0.00	26.63 1.29 0.00	29.41 1.54 0.00	22.87 1.30 0.00	29.54 1.57 0.00	22.26 0.98 0.00	22.50 0.97 0.00	22.87 0.99 0.00
ASHOKAN____ 23654	19.11 0.90 0.00	16.76 0.82 0.00	15.92 0.76 0.00	16.31 0.72 0.00	17.77 0.59 0.00	20.16 0.70 0.00	20.51 0.83 0.00	22.31 1.02 0.00	30.95 1.29 0.00	22.49 0.68 0.00	19.50 0.43 0.00	21.17 0.29 0.12	19.44 0.45 0.00	18.49 0.38 0.00	17.72 0.35 0.00	18.43 0.34 0.00	19.76 0.31 0.00	25.85 0.53 0.02	28.73 0.87 0.00	22.50 0.94 0.00	29.19 1.23 0.00	22.13 0.85 0.00	22.25 0.71 0.00	22.47 0.59 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.47 1.26 0.00	17.07 1.13 0.00	16.20 1.05 0.00	16.53 0.94 0.00	18.01 0.83 0.00	20.39 0.94 0.00	20.76 1.08 0.00	22.57 1.28 0.00	31.19 1.53 0.00	22.93 1.12 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.22 1.13 0.00	20.56 1.10 0.00	26.60 1.26 0.00	29.34 1.48 0.00	22.82 1.26 0.00	29.41 1.44 0.00	22.21 0.93 0.00	22.39 0.86 0.00	22.74 0.86 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.47 1.26 0.00	17.07 1.13 0.00	16.20 1.04 0.00	16.53 0.94 0.00	18.01 0.83 0.00	20.39 0.94 0.00	20.76 1.08 0.00	22.57 1.28 0.00	31.20 1.54 0.00	22.94 1.13 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.22 1.13 0.00	20.56 1.10 0.00	26.60 1.26 0.00	29.34 1.48 0.00	22.82 1.26 0.00	29.41 1.44 0.00	22.21 0.93 0.00	22.40 0.86 0.00	22.74 0.86 0.00
ASTORIA_GT2_1 24094	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT2_2 24095	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT2_3 24096	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT2_4 24097	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT3_1 24098	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT3_2 24099	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT3_3 24100	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT3_4 24101	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT4_1 24102	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT4_2 24103	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT4_3 24104	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00

ASTORIA_GT4_4 24105	19.49 1.28 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.75 1.08 0.00	22.58 1.29 0.00	31.21 1.56 0.00	22.95 1.14 0.00	20.03 0.96 0.00	21.91 0.91 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.57 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.43 1.47 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA_GT_1 23523	19.51 1.30 0.00	17.10 1.16 0.00	16.22 1.07 0.00	16.57 0.97 0.00	18.04 0.86 0.00	20.43 0.97 0.00	20.80 1.12 0.00	22.61 1.32 0.00	31.27 1.61 0.00	22.99 1.18 0.00	20.06 0.99 0.00	21.96 0.96 0.00	19.98 0.99 0.00	19.10 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.66 1.32 0.00	29.41 1.55 0.00	22.88 1.31 0.00	29.48 1.51 0.00	22.26 0.98 0.00	22.44 0.91 0.00	22.79 0.90 0.00
ASTORIA_GT_10 24110	19.44 1.23 0.00	17.05 1.10 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.21 1.56 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.42 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.83 0.00
ASTORIA_GT_11 24225	19.44 1.23 0.00	17.05 1.10 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.21 1.56 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.42 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.83 0.00
ASTORIA_GT_12 24226	19.44 1.23 0.00	17.05 1.10 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.21 1.56 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.42 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.83 0.00
ASTORIA_GT_13 24227	19.44 1.23 0.00	17.05 1.10 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.21 1.56 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.42 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.83 0.00
ASTORIA_GT_5 24106	19.52 1.31 0.00	17.10 1.16 0.00	16.22 1.07 0.00	16.57 0.97 0.00	18.04 0.86 0.00	20.43 0.98 0.00	20.79 1.11 0.00	22.61 1.32 0.00	31.27 1.61 0.00	22.99 1.18 0.00	20.06 1.00 0.00	21.95 0.95 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.66 1.32 0.00	29.41 1.55 0.00	22.88 1.31 0.00	29.49 1.52 0.00	22.26 0.98 0.00	22.44 0.91 0.00	22.79 0.90 0.00
ASTORIA_GT_7 24107	19.52 1.31 0.00	17.10 1.16 0.00	16.22 1.07 0.00	16.57 0.97 0.00	18.04 0.86 0.00	20.43 0.98 0.00	20.79 1.11 0.00	22.61 1.32 0.00	31.27 1.61 0.00	22.99 1.18 0.00	20.06 1.00 0.00	21.95 0.95 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.66 1.32 0.00	29.41 1.55 0.00	22.88 1.31 0.00	29.49 1.52 0.00	22.26 0.98 0.00	22.44 0.91 0.00	22.79 0.90 0.00
ASTORIA_GT_8 24108	19.52 1.31 0.00	17.10 1.16 0.00	16.22 1.07 0.00	16.57 0.97 0.00	18.04 0.86 0.00	20.43 0.98 0.00	20.79 1.11 0.00	22.61 1.32 0.00	31.27 1.61 0.00	22.99 1.18 0.00	20.06 1.00 0.00	21.95 0.95 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.66 1.32 0.00	29.41 1.55 0.00	22.88 1.31 0.00	29.49 1.52 0.00	22.26 0.98 0.00	22.44 0.91 0.00	22.79 0.90 0.00
ASTORIA___2 24149	19.48 1.27 0.00	17.08 1.14 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.40 0.94 0.00	20.76 1.09 0.00	22.57 1.29 0.00	31.22 1.56 0.00	22.95 1.14 0.00	20.02 0.96 0.00	21.92 0.92 0.00	19.94 0.95 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.23 1.14 0.00	20.56 1.11 0.00	26.61 1.27 0.00	29.36 1.50 0.00	22.83 1.27 0.00	29.42 1.46 0.00	22.22 0.94 0.00	22.40 0.87 0.00	22.75 0.87 0.00
ASTORIA___3 23516	19.44 1.23 0.00	17.05 1.11 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.41 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.84 0.00
ASTORIA___4 23517	19.44 1.23 0.00	17.05 1.10 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.21 1.56 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.42 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.83 0.00
ASTORIA___5 23518	19.44 1.23 0.00	17.05 1.11 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.41 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.84 0.00
AST_ENERGY_2_CC3 323677	19.41 1.20 0.00	17.02 1.08 0.00	16.16 1.01 0.00	16.53 0.93 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.69 1.02 0.00	22.54 1.25 0.00	31.12 1.47 0.00	22.87 1.06 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.89 0.00	19.02 0.91 0.00	18.30 0.94 0.00	19.18 1.09 0.00	20.54 1.08 0.00	26.60 1.26 0.00	29.30 1.44 0.00	22.75 1.19 0.00	29.36 1.40 0.00	22.12 0.84 0.00	22.34 0.80 0.00	22.67 0.79 0.00
AST_ENERGY_2_CC4 323678	19.41 1.20 0.00	17.02 1.08 0.00	16.16 1.01 0.00	16.53 0.93 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.69 1.02 0.00	22.54 1.25 0.00	31.12 1.47 0.00	22.87 1.06 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.89 0.00	19.02 0.91 0.00	18.30 0.94 0.00	19.18 1.09 0.00	20.54 1.08 0.00	26.60 1.26 0.00	29.30 1.44 0.00	22.75 1.19 0.00	29.36 1.40 0.00	22.12 0.84 0.00	22.34 0.80 0.00	22.67 0.79 0.00

ATHENS_STG_1 23668	18.82 0.61 0.00	16.48 0.53 0.00	15.64 0.49 0.00	16.01 0.42 0.00	17.49 0.30 0.00	19.80 0.34 0.00	20.05 0.38 0.00	21.79 0.50 0.00	30.21 0.55 0.00	22.18 0.37 0.00	19.37 0.30 0.00	21.25 0.25 0.00	19.26 0.27 0.00	18.39 0.28 0.00	17.63 0.27 0.00	18.43 0.35 0.00	19.81 0.35 0.00	25.76 0.42 0.00	28.36 0.50 0.00	21.99 0.43 0.00	28.43 0.47 0.00	21.56 0.28 0.00	21.76 0.23 0.00	22.08 0.20 0.00
ATHENS_STG_2 23670	18.82 0.61 0.00	16.48 0.53 0.00	15.64 0.49 0.00	16.01 0.42 0.00	17.49 0.30 0.00	19.80 0.34 0.00	20.05 0.38 0.00	21.79 0.50 0.00	30.21 0.55 0.00	22.18 0.37 0.00	19.37 0.30 0.00	21.25 0.25 0.00	19.26 0.27 0.00	18.39 0.28 0.00	17.63 0.27 0.00	18.43 0.35 0.00	19.81 0.35 0.00	25.76 0.42 0.00	28.36 0.50 0.00	21.99 0.43 0.00	28.43 0.47 0.00	21.56 0.28 0.00	21.76 0.23 0.00	22.08 0.20 0.00
ATHENS_STG_3 23677	18.82 0.61 0.00	16.48 0.53 0.00	15.64 0.49 0.00	16.01 0.42 0.00	17.49 0.30 0.00	19.80 0.34 0.00	20.05 0.38 0.00	21.79 0.50 0.00	30.21 0.55 0.00	22.18 0.37 0.00	19.37 0.30 0.00	21.25 0.25 0.00	19.26 0.27 0.00	18.39 0.28 0.00	17.63 0.27 0.00	18.43 0.35 0.00	19.81 0.35 0.00	25.76 0.42 0.00	28.36 0.50 0.00	21.99 0.43 0.00	28.43 0.47 0.00	21.56 0.28 0.00	21.76 0.23 0.00	22.08 0.20 0.00
AUBURN___LFGE 323710	19.25 0.18 -0.86	16.09 0.12 -0.03	15.37 0.22 0.00	15.73 0.13 0.00	17.32 0.14 0.00	19.72 0.26 0.00	20.04 0.37 0.00	21.76 0.47 0.00	30.08 0.43 0.00	22.20 0.39 0.00	19.52 0.46 0.00	21.62 0.62 0.00	19.58 0.59 0.00	18.69 0.58 0.00	17.92 0.57 0.00	18.61 0.52 0.00	20.09 0.63 0.00	26.12 0.78 0.00	28.74 0.87 0.00	22.34 0.78 0.00	28.98 1.01 0.00	22.00 0.72 0.00	22.32 0.79 0.00	22.86 0.98 0.00
BABYLON_RES_REC 323704	19.70 1.49 0.00	17.24 1.30 0.00	16.29 1.14 0.00	16.61 1.01 0.00	18.14 0.96 0.00	20.54 1.08 0.00	20.71 1.04 0.00	22.63 1.34 0.00	31.30 1.64 0.00	22.86 1.05 0.00	20.14 1.08 0.00	21.78 0.78 0.00	19.76 0.77 0.00	18.89 0.79 0.00	19.11 0.80 -0.95	22.15 1.28 -2.78	20.61 1.15 0.00	26.55 1.21 0.00	29.15 1.29 0.00	22.68 1.11 0.00	29.28 1.31 0.00	22.13 0.85 0.00	22.55 1.01 0.00	22.90 1.03 0.00
BABYLON___69_KV_BK2 356345	19.87 1.66 0.00	17.39 1.45 0.00	16.43 1.28 0.00	16.75 1.15 0.00	18.30 1.12 0.00	20.72 1.26 0.00	20.88 1.21 0.00	22.81 1.52 0.00	31.56 1.90 0.00	23.03 1.22 0.00	20.31 1.24 0.00	21.94 0.94 0.00	19.89 0.90 0.00	19.04 0.93 0.00	19.24 0.93 -0.95	22.29 1.44 -2.76	20.77 1.31 0.00	26.76 1.42 0.00	29.37 1.51 0.00	22.85 1.29 0.00	29.52 1.55 0.00	22.32 1.04 0.00	22.75 1.21 0.00	23.12 1.24 0.00
BALL_HILL_WT_PWR 323825	15.89 -0.69 1.63	15.28 -0.61 0.05	14.64 -0.51 0.00	15.01 -0.59 0.00	16.60 -0.58 0.00	18.97 -0.49 0.00	19.26 -0.41 0.00	21.03 -0.26 0.00	28.85 -0.81 0.00	21.49 -0.32 0.00	19.18 0.12 0.00	21.38 0.38 0.00	19.42 0.43 0.00	18.59 0.48 0.00	17.87 0.51 0.00	18.39 0.30 0.00	19.98 0.52 0.00	25.80 0.46 0.00	28.11 0.25 0.00	21.87 0.31 0.00	28.45 0.48 0.00	21.66 0.38 0.00	22.29 0.75 0.00	23.00 1.12 0.00
BARON_WINDS___WT_PWR 323822	17.30 -0.59 0.32	15.36 -0.57 0.01	14.76 -0.39 0.00	15.29 -0.31 0.00	16.74 -0.44 0.00	19.03 -0.43 0.00	19.48 -0.19 0.00	21.25 -0.04 0.00	29.16 -0.50 0.00	21.62 -0.19 0.00	19.16 0.09 0.00	21.40 0.40 0.00	19.32 0.33 0.00	18.47 0.37 0.00	17.84 0.48 0.00	18.48 0.39 0.00	20.04 0.58 0.00	25.95 0.61 0.00	28.49 0.63 0.00	22.20 0.64 0.00	28.87 0.90 0.00	21.99 0.71 0.00	22.48 0.94 0.00	23.04 1.16 0.00
BARRETT_IC_1 23704	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_10 23701	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_11 23702	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_12 23703	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_2 23705	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_3 23706	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_4 23707	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00

BARRETT_IC_5 23708	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_6 23709	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_7 23710	19.54 1.32 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.50 0.90 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.67 0.86 0.00	20.01 0.94 0.00	21.73 0.74 0.00	19.75 0.76 0.00	18.89 0.78 0.00	29.33 0.80 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_8 23711	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT_IC_9 23700	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT___1 23545	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BARRETT___2 23546	19.54 1.33 0.00	17.10 1.16 0.00	16.16 1.01 0.00	16.49 0.89 0.00	18.00 0.82 0.00	20.36 0.90 0.00	20.51 0.84 0.00	22.39 1.10 0.00	30.99 1.33 0.00	22.68 0.86 0.00	20.01 0.94 0.00	21.74 0.74 0.00	19.75 0.76 0.00	18.88 0.78 0.00	29.32 0.79 -11.17	35.56 1.11 -16.36	20.49 1.03 0.00	26.42 1.08 0.00	29.01 1.14 0.00	22.52 0.96 0.00	29.07 1.10 0.00	22.00 0.72 0.00	22.37 0.84 0.00	22.76 0.88 0.00
BATAVIA___115KV_TB1 55881	15.30 -0.80 2.11	15.21 -0.67 0.06	14.68 -0.47 0.00	15.12 -0.48 0.00	16.75 -0.43 0.00	19.15 -0.30 0.00	19.52 -0.15 0.00	21.19 -0.10 0.00	29.14 -															

BAYONEEC___CTG7 323688	19.42 1.21 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.04 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.98 0.91 0.00	21.87 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.30 0.94 0.00	19.18 1.10 0.00	20.56 1.10 0.00	26.62 1.28 0.00	29.33 1.47 0.00	22.77 1.21 0.00	29.40 1.43 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
BAYONEEC___CTG8 323689	19.42 1.21 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.04 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.98 0.91 0.00	21.87 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.30 0.94 0.00	19.18 1.10 0.00	20.56 1.10 0.00	26.62 1.28 0.00	29.33 1.47 0.00	22.77 1.21 0.00	29.40 1.43 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
BAYONEEC___CTG9 323749	19.42 1.21 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.04 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.98 0.91 0.00	21.87 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.30 0.94 0.00	19.18 1.10 0.00	20.56 1.10 0.00	26.62 1.28 0.00	29.33 1.47 0.00	22.77 1.21 0.00	29.40 1.43 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
BEACON___LESR 323632	18.64 0.43 0.00	16.40 0.46 0.00	15.59 0.44 0.00	15.97 0.37 0.00	17.33 0.15 0.00	19.62 0.16 0.00	19.92 0.25 0.00	21.64 0.35 0.00	29.98 0.32 0.00	21.90 0.09 0.00	19.17 0.11 0.00	20.71 0.03 0.31	19.05 0.06 0.00	18.19 0.08 0.00	17.37 0.02 0.00	18.08 -0.01 0.00	19.54 0.08 0.00	25.42 0.12 0.04	28.07 0.20 0.00	21.76 0.20 0.00	28.25 0.28 0.00	21.41 0.13 0.00	21.55 0.01 0.00	21.80 -0.09 0.00
BEAVER RIVER___HYD 24048	18.17 -0.04 0.00	15.64 -0.30 0.00	14.56 -0.59 0.00	15.31 -0.29 0.00	16.96 -0.22 0.00	19.02 -0.44 0.00	19.25 -0.43 0.00	20.73 -0.56 0.00	29.32 -0.34 0.00	22.99 0.02 -1.16	20.77 -0.39 -2.09	20.70 -0.30 0.00	18.62 -0.37 0.00	17.80 -0.31 0.00	16.95 -0.41 0.00	17.63 -0.46 0.00	18.64 -0.81 0.00	24.36 -0.98 0.00	27.04 -0.82 0.00	21.37 -0.19 0.00	28.22 0.25 0.00	21.43 0.15 0.00	21.54 0.01 0.00	21.91 0.03 0.00
BEEBEE_GT_13 23619	14.97 -0.78 2.47	15.20 -0.67 0.07	14.65 -0.51 0.00	15.09 -0.51 0.00	16.67 -0.52 0.00	19.02 -0.44 0.00	19.34 -0.34 0.00	20.96 -0.33 0.00	28.91 -0.75 0.00	21.48 -0.33 0.00	19.09 0.03 0.00	21.22 0.22 0.00	19.29 0.30 0.00	18.40 0.30 0.00	17.66 0.31 0.00	18.25 0.17 0.00	19.76 0.30 0.00	25.63 0.29 0.00	27.97 0.10 0.00	21.73 0.17 0.00	28.32 0.35 0.00	21.56 0.28 0.00	22.02 0.48 0.00	22.56 0.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.63 1.42 0.00	17.19 1.24 0.00	16.31 1.16 0.00	16.69 1.10 0.00	18.18 1.00 0.00	20.62 1.17 0.00	20.94 1.27 0.00	22.79 1.50 0.00	31.47 1.81 0.00	23.13 1.32 0.00	20.17 1.11 0.00	22.09 1.09 0.00	20.07 1.08 0.00	19.20 1.10 0.00	18.47 1.11 0.00	19.37 1.28 0.00	20.73 1.27 0.00	26.89 1.54 0.00	29.63 1.77 0.00	23.03 1.47 0.00	29.73 1.76 0.00	22.41 1.12 0.00	22.61 1.07 0.00	22.95 1.07 0.00
BETHLEHEM___GRP 23843	18.33 0.11 0.00	16.17 0.23 0.00	15.35 0.20 0.00	15.73 0.13 0.00	17.07 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.22 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.82 -0.27 0.00	19.17 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.58 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
BETHLEHEM___GS1 323560	18.32 0.11 0.00	16.17 0.23 0.00	15.36 0.21 0.00	15.73 0.13 0.00	17.06 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.21 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.81 -0.27 0.00	19.16 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.59 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
BETHLEHEM___GS2 323561	18.32 0.11 0.00	16.17 0.23 0.00	15.36 0.21 0.00	15.73 0.13 0.00	17.06 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.21 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.81 -0.27 0.00	19.16 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.59 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
BETHLEHEM___GS3 323562	18.32 0.11 0.00	16.17 0.23 0.00	15.36 0.21 0.00	15.73 0.13 0.00	17.06 -0.12 0.00	19.26 -0.19 0.00	19.52 -0.15 0.00	21.15 -0.14 0.00	29.35 -0.31 0.00	21.52 -0.29 0.00	18.85 -0.21 0.00	20.39 -0.32 0.29	18.77 -0.22 0.00	17.89 -0.22 0.00	17.07 -0.29 0.00	17.81 -0.27 0.00	19.16 -0.29 0.00	24.92 -0.38 0.04	27.50 -0.37 0.00	21.33 -0.23 0.00	27.59 -0.38 0.00	20.94 -0.34 0.00	21.11 -0.43 0.00	21.39 -0.49 0.00
BETHLEHEM___STEEL 23779	15.65 -0.88 1.68	15.15 -0.73 0.05	14.60 -0.56 0.00	14.98 -0.62 0.00	16.56 -0.63 0.00	18.89 -0.57 0.00	19.21 -0.46 0.00	20.91 -0.38 0.00	28.73 -0.93 0.00	21.38 -0.43 0.00	19.10 0.03 0.00	21.29 0.29 0.00	19.34 0.35 0.00	18.50 0.39 0.00	17.79 0.43 0.00	18.34 0.25 0.00	19.89 0.43 0.00	25.69 0.35 0.00	27.96 0.10 0.00	21.74 0.18 0.00	28.33 0.37 0.00	21.59 0.31 0.00	22.20 0.66 0.00	22.90 1.02 0.00
BETHLHEM_115KV_TB1 79974	18.34 0.13 0.00	16.19 0.24 0.00	15.35 0.20 0.00	15.74 0.14 0.00	17.08 -0.10 0.00	19.28 -0.18 0.00	19.54 -0.14 0.00	21.18 -0.11 0.00	29.38 -0.28 0.00	21.54 -0.27 0.00	18.86 -0.21 0.00	20.41 -0.31 0.29	18.78 -0.20 0.00	17.90 -0.20 0.00	17.09 -0.27 0.00	17.82 -0.27 0.00	19.18 -0.28 0.00	24.94 -0.36 0.04	27.52 -0.34 0.00	21.35 -0.22 0.00	27.62 -0.35 0.00	20.97 -0.31 0.00	21.13 -0.41 0.00	21.41 -0.47 0.00
BETHPAGE_CC_5 323564	19.66 1.45 0.00	17.22 1.28 0.00	16.27 1.12 0.00	16.60 1.00 0.00	18.12 0.94 0.00	20.52 1.06 0.00	20.70 1.03 0.00	22.62 1.33 0.00	31.30 1.64 0.00	22.86 1.05 0.00	20.14 1.07 0.00	21.84 0.84 0.00	19.84 0.84 0.00	18.96 0.85 0.00	19.53 0.87 -1.30	22.60 1.27 -3.24	20.62 1.16 0.00	26.57 1.23 0.00	29.16 1.30 0.00	22.68 1.12 0.00	29.27 1.31 0.00	22.12 0.84 0.00	22.50 0.96 0.00	22.86 0.98 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.79 -0.78 1.65	15.24 -0.65 0.05	14.67 -0.48 0.00	15.05 -0.55 0.00	16.62 -0.56 0.00	18.96 -0.50 0.00	19.30 -0.37 0.00	21.01 -0.28 0.00	28.86 -0.80 0.00	21.48 -0.33 0.00	19.18 0.11 0.00	21.39 0.39 0.00	19.43 0.44 0.00	18.59 0.48 0.00	17.88 0.52 0.00	18.43 0.34 0.00	19.99 0.54 0.00	25.81 0.47 0.00	28.09 0.23 0.00	21.84 0.28 0.00	28.46 0.49 0.00	21.67 0.39 0.00	22.29 0.76 0.00	23.01 1.13 0.00

BINGHAMTON___COGEN 23790	18.44 0.23 0.00	16.12 0.18 0.00	15.34 0.19 0.00	15.72 0.12 0.00	17.26 0.08 0.00	19.60 0.14 0.00	19.88 0.20 0.00	21.64 0.35 0.00	29.87 0.22 0.00	21.97 0.16 0.00	19.30 0.23 0.00	21.31 0.31 0.00	19.32 0.32 0.00	18.43 0.32 0.00	17.70 0.34 0.00	18.39 0.30 0.00	19.82 0.36 0.00	25.75 0.41 0.00	28.29 0.43 0.00	21.97 0.41 0.00	28.49 0.52 0.00	21.63 0.35 0.00	21.98 0.45 0.00	22.42 0.53 0.00
BIXINCNT_115KV_LOAD 355685	16.32 -0.40 1.49	15.50 -0.39 0.05	14.96 -0.20 0.00	15.23 -0.37 0.00	16.70 -0.49 0.00	19.03 -0.42 0.00	19.50 -0.17 0.00	21.33 0.04 0.00	29.23 -0.43 0.00	21.76 -0.05 0.00	19.45 0.38 0.00	21.70 0.70 0.00	19.74 0.75 0.00	18.90 0.80 0.00	18.20 0.84 0.00	18.78 0.69 0.00	20.39 0.93 0.00	26.27 0.93 0.00	28.53 0.67 0.00	22.22 0.66 0.00	28.97 1.00 0.00	22.00 0.72 0.00	22.65 1.12 0.00	23.42 1.54 0.00
BLACK RIVER___HYD 24047	18.18 -0.03 0.00	15.58 -0.36 0.00	14.51 -0.65 0.00	15.23 -0.36 0.00	16.85 -0.33 0.00	18.91 -0.54 0.00	19.15 -0.52 0.00	20.66 -0.64 0.00	29.29 -0.37 0.00	22.65 0.03 -0.81	20.15 -0.37 -1.46	20.68 -0.32 0.00	18.60 -0.39 0.00	17.78 -0.33 0.00	16.81 -0.55 0.00	17.44 -0.65 0.00	18.44 -1.02 0.00	24.10 -1.24 0.00	26.76 -1.10 0.00	21.31 -0.25 0.00	28.32 0.35 0.00	21.50 0.22 0.00	21.58 0.05 0.00	22.00 0.12 0.00
BLACKRVR_115KV_TB2 79977	18.18 -0.03 0.00	15.58 -0.36 0.00	14.51 -0.65 0.00	15.23 -0.36 0.00	16.85 -0.33 0.00	18.91 -0.54 0.00	19.15 -0.52 0.00	20.66 -0.64 0.00	29.29 -0.37 0.00	22.65 0.03 -0.81	20.15 -0.37 -1.46	20.68 -0.31 0.00	18.60 -0.39 0.00	17.78 -0.33 0.00	16.81 -0.55 0.00	17.44 -0.65 0.00	18.44 -1.02 0.00	24.10 -1.24 0.00	26.76 -1.10 0.00	21.31 -0.25 0.00	28.32 0.35 0.00	21.50 0.22 0.00	21.58 0.05 0.00	22.00 0.12 0.00
BLISS_WT_PWR 323608	16.30 -0.42 1.49	15.45 -0.44 0.05	14.90 -0.25 0.00	15.19 -0.41 0.00	16.62 -0.56 0.00	18.95 -0.51 0.00	19.45 -0.22 0.00	21.30 0.01 0.00	29.20 -0.46 0.00	21.76 -0.05 0.00	19.45 0.38 0.00	21.71 0.71 0.00	19.75 0.76 0.00	18.92 0.81 0.00	18.21 0.85 0.00	18.80 0.71 0.00	20.41 0.95 0.00	26.29 0.95 0.00	28.55 0.69 0.00	22.25 0.69 0.00	28.99 1.03 0.00	22.02 0.74 0.00	22.68 1.14 0.00	23.44 1.56 0.00
BLUESTONE___WT_PWR 323821	18.81 0.60 0.00	16.40 0.46 0.00	15.54 0.38 0.00	16.02 0.43 0.00	17.90 0.72 0.00	20.38 0.92 0.00	20.59 0.92 0.00	22.42 1.13 0.00	30.94 1.28 0.00	22.59 0.78 0.00	19.58 0.51 0.00	21.75 0.75 0.00	19.52 0.53 0.00	18.35 0.24 0.00	17.57 0.22 0.00	18.16 0.07 0.00	19.58 0.12 0.00	25.79 0.45 0.00	28.98 1.12 0.00	22.58 1.02 0.00	28.93 0.96 0.00	22.24 0.96 0.00	22.54 1.00 0.00	22.78 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	18.63 0.42 0.00	16.36 0.42 0.00	15.54 0.39 0.00	15.94 0.34 0.00	17.38 0.20 0.00	19.65 0.19 0.00	19.90 0.23 0.00	21.56 0.27 0.00	29.89 0.23 0.00	21.89 0.09 0.00	19.09 0.03 0.00	20.84 0.01 0.17	19.04 0.06 0.00	18.09 -0.01 0.00	17.31 -0.05 0.00	18.01 -0.07 0.00	19.42 -0.04 0.00	25.26 -0.05 0.02	27.95 0.09 0.00	21.73 0.17 0.00	28.14 0.17 0.00	21.38 0.10 0.00	21.57 0.03 0.00	21.88 0.00 0.00
BOC_GAS_DRP 24189	18.59 0.38 0.00	16.31 0.36 0.00	15.48 0.33 0.00	15.87 0.27 0.00	17.32 0.14 0.00	19.59 0.13 0.00	19.84 0.16 0.00	21.51 0.22 0.00	29.86 0.20 0.00	21.92 0.11 0.00	19.15 0.09 0.00	20.91 0.04 0.12	19.07 0.08 0.00	18.19 0.08 0.00	17.41 0.05 0.00	18.18 0.09 0.00	19.55 0.10 0.00	25.41 0.09 0.02	28.00 0.14 0.00	21.72 0.16 0.00	28.10 0.14 0.00	21.34 0.06 0.00	21.54 0.00 0.00	21.86 -0.02 0.00
BOONVILLE_115KV_TB1 79983	18.56 0.35 0.00	16.11 0.17 0.00	15.15 0.00 0.00	15.74 0.14 0.00	17.36 0.18 0.00	19.60 0.14 0.00	19.87 0.19 0.00	21.48 0.19 0.00	30.09 0.43 0.00	22.73 0.48 -0.45	20.07 0.19 -0.81	21.28 0.28 0.00	19.18 0.19 0.00	18.35 0.24 0.00	17.53 0.17 0.00	18.28 0.19 0.00	19.53 0.07 0.00	25.45 0.11 0.00	28.16 0.30 0.00	22.01 0.45 0.00	28.76 0.79 0.00	21.83 0.55 0.00	22.01 0.47 0.00	22.34 0.46 0.00
BORALEX_4TH_BRANCH 23824	19.09 0.88 0.00	16.70 0.76 0.00	15.90 0.74 0.00	16.37 0.78 0.00	17.82 0.63 0.00	20.03 0.57 0.00	20.27 0.60 0.00	22.04 0.75 0.00	30.54 0.88 0.00	22.44 0.63 0.00	19.61 0.54 0.00	21.89 0.46 -0.42	19.36 0.36 0.00	18.33 0.22 0.00	17.49 0.13 0.00	18.38 0.30 0.00	19.91 0.45 0.00	26.08 0.68 -0.06	28.49 0.63 0.00	21.95 0.39 0.00	28.29 0.32 0.00	21.65 0.37 0.00	21.79 0.26 0.00	22.03 0.15 0.00
BOWLINE___1 23526	19.26 1.05 0.00	16.86 0.91 0.00	15.99 0.84 0.00	16.35 0.75 0.00	17.84 0.66 0.00	20.22 0.76 0.00	20.48 0.81 0.00	22.33 1.04 0.00	30.85 1.19 0.00	22.62 0.80 0.00	19.73 0.66 0.00	21.60 0.60 0.00	19.60 0.61 0.00	18.76 0.64 0.00	18.02 0.66 0.00	18.88 0.79 0.00	20.25 0.79 0.00	26.33 0.99 0.00	29.05 1.19 0.00	22.54 0.97 0.00	29.11 1.14 0.00	21.96 0.68 0.00	22.21 0.67 0.00	22.59 0.71 0.00
BOWLINE___2 23595	19.26 1.05 0.00	16.86 0.91 0.00	15.99 0.84 0.00	16.35 0.75 0.00	17.84 0.66 0.00	20.22 0.76 0.00	20.48 0.81 0.00	22.33 1.04 0.00	30.85 1.19 0.00	22.62 0.80 0.00	19.73 0.66 0.00	21.60 0.60 0.00	19.60 0.61 0.00	18.76 0.64 0.00	18.02 0.66 0.00	18.88 0.79 0.00	20.25 0.79 0.00	26.33 0.99 0.00	29.05 1.19 0.00	22.54 0.97 0.00	29.11 1.14 0.00	21.96 0.68 0.00	22.21 0.67 0.00	22.59 0.71 0.00
BRADY___115KV_TB2 356060	17.94 -0.27 0.00	15.71 -0.23 0.00	14.95 -0.20 0.00	15.57 -0.03 0.00	17.30 0.12 0.00	19.55 0.09 0.00	19.67 -0.01 0.00	21.22 -0.07 0.00	29.76 0.10 0.00	23.28 0.10 -1.37	21.60 0.05 -2.48	21.12 0.12 0.00	18.93 -0.06 0.00	17.98 -0.13 0.00	17.21 -0.15 0.00	17.81 -0.28 0.00	19.13 -0.33 0.00	25.00 -0.34 0.00	27.47 -0.39 0.00	21.41 -0.16 0.00	28.02 0.05 0.00	21.40 0.12 0.00	21.59 0.06 0.00	21.89 0.01 0.00
BRANSCOMB___SOLAR 323811	18.83 0.62 0.00	16.46 0.51 0.00	15.66 0.50 0.00	16.10 0.50 0.00	17.57 0.39 0.00	19.91 0.45 0.00	20.17 0.50 0.00	21.92 0.64 0.00	30.47 0.81 0.00	22.30 0.49 0.00	19.35 0.28 0.00	21.57 0.26 -0.31	19.29 0.30 0.00	18.30 0.19 0.00	17.51 0.15 0.00	18.35 0.26 0.00	19.84 0.38 0.00	26.02 0.64 -0.04	28.59 0.73 0.00	22.12 0.56 0.00	28.58 0.61 0.00	21.74 0.45 0.00	21.86 0.32 0.00	22.11 0.23 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.81 1.60 0.00	17.35 1.42 0.00	16.38 1.23 0.00	16.70 1.10 0.00	18.24 1.05 0.00	20.65 1.19 0.00	20.79 1.12 0.00	22.70 1.41 0.00	31.40 1.74 0.00	22.90 1.09 0.00	20.23 1.16 0.00	21.88 0.88 0.00	19.82 0.83 0.00	18.96 0.86 0.00	18.77 0.87 -0.55	21.70 1.36 -2.24	20.66 1.20 0.00	26.63 1.29 0.00	29.20 1.34 0.00	22.71 1.15 0.00	29.32 1.36 0.00	22.18 0.89 0.00	22.64 1.10 0.00	23.02 1.14 0.00

BRISTLHL_115KV_TB1 79998	17.89 -0.31 0.00	15.64 -0.30 0.00	14.86 -0.29 0.00	15.27 -0.33 0.00	16.80 -0.38 0.00	19.07 -0.39 0.00	19.33 -0.34 0.00	20.96 -0.34 0.00	29.13 -0.53 0.00	21.46 -0.35 0.00	18.79 -0.27 0.00	20.71 -0.28 0.00	18.75 -0.24 0.00	17.86 -0.24 0.00	17.12 -0.23 0.00	17.83 -0.26 0.00	19.16 -0.30 0.00	25.00 -0.34 0.00	27.50 -0.36 0.00	21.35 -0.21 0.00	27.69 -0.28 0.00	21.03 -0.25 0.00	21.28 -0.26 0.00	21.63 -0.24 0.00
BROOKHAVEN___DRP 24191	19.81 1.60 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.43 0.00	31.41 1.75 0.00	22.80 0.98 0.00	20.12 1.05 0.00	21.73 0.73 0.00	19.63 0.64 0.00	18.77 0.67 0.00	18.50 0.68 -0.46	21.38 1.17 -2.13	20.49 1.03 0.00	26.55 1.21 0.00	28.99 1.13 0.00	22.57 1.00 0.00	29.14 1.17 0.00	22.06 0.78 0.00	22.58 1.04 0.00	22.91 1.03 0.00
BROOKLYN_NAVY_YARD 23515	19.41 1.20 0.00	17.02 1.08 0.00	16.16 1.01 0.00	16.53 0.93 0.00	17.99 0.81 0.00	20.38 0.93 0.00	20.69 1.02 0.00	22.53 1.24 0.00	31.12 1.47 0.00	22.87 1.06 0.00	19.97 0.90 0.00	21.85 0.85 0.00	19.88 0.89 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.19 1.10 0.00	20.57 1.11 0.00	26.63 1.29 0.00	29.33 1.46 0.00	22.77 1.21 0.00	29.38 1.42 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
BROOKLYN___ARMY_DRP 323595	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
BROOKVLE_69_KV_TB1 55790	19.61 1.40 0.00	17.16 1.22 0.00	16.23 1.08 0.00	16.57 0.97 0.00	18.09 0.90 0.00	20.50 1.04 0.00	20.74 1.06 0.00	22.64 1.35 0.00	31.33 1.67 0.00	22.93 1.12 0.00	20.13 1.07 0.00	21.93 0.93 0.00	19.93 0.94 0.00	19.06 0.95 0.00	20.48 0.97 -2.15	23.74 1.28 -4.37	20.71 1.25 0.00	26.71 1.37 0.00	29.37 1.50 0.00	22.81 1.25 0.00	29.46 1.50 0.00	22.26 0.98 0.00	22.59 1.05 0.00	22.95 1.07 0.00
BROOME_2_LFGE 323671	18.44 0.23 0.00	16.12 0.18 0.00	15.33 0.18 0.00	15.71 0.12 0.00	17.26 0.08 0.00	19.60 0.14 0.00	19.87 0.20 0.00	21.64 0.35 0.00	29.87 0.22 0.00	21.97 0.16 0.00	19.29 0.23 0.00	21.31 0.31 0.00	19.32 0.32 0.00	18.43 0.32 0.00	17.70 0.34 0.00	18.39 0.31 0.00	19.83 0.37 0.00	25.75 0.41 0.00	28.29 0.43 0.00	21.98 0.41 0.00	28.48 0.52 0.00	21.63 0.35 0.00	21.98 0.45 0.00	22.42 0.53 0.00
BROOME___LFGE 323600	18.44 0.23 0.00	16.12 0.18 0.00	15.33 0.18 0.00	15.71 0.12 0.00	17.26 0.08 0.00	19.60 0.14 0.00	19.87 0.20 0.00	21.64 0.35 0.00	29.87 0.22 0.00	21.97 0.16 0.00	19.29 0.23 0.00	21.31 0.31 0.00	19.32 0.32 0.00	18.43 0.32 0.00	17.70 0.34 0.00	18.39 0.31 0.00	19.83 0.37 0.00	25.75 0.41 0.00	28.29 0.43 0.00	21.98 0.41 0.00	28.48 0.52 0.00	21.63 0.35 0.00	21.98 0.45 0.00	22.42 0.53 0.00
BROWNFLS_115KV_TB 3_5 80003	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	19.59 1.38 0.00	17.16 1.22 0.00	16.29 1.14 0.00	16.66 1.06 0.00	18.13 0.95 0.00	20.56 1.10 0.00	20.90 1.22 0.00	22.77 1.48 0.00	31.45 1.80 0.00	23.11 1.30 0.00	20.19 1.12 0.00	22.09 1.10 0.00	20.09 1.10 0.00	19.22 1.11 0.00	18.48 1.12 0.00	19.38 1.29 0.00	20.76 1.30 0.00	26.89 1.55 0.00	29.60 1.74 0.00	22.99 1.42 0.00	29.69 1.72 0.00	22.36 1.08 0.00	22.58 1.04 0.00	22.92 1.04 0.00
BURROWS___LYONSDAL 23803	18.48 0.27 0.00	16.00 0.05 0.00	14.99 -0.16 0.00	15.63 0.03 0.00	17.26 0.08 0.00	19.45 -0.01 0.00	19.70 0.03 0.00	21.27 -0.02 0.00	29.89 0.23 0.00	22.76 0.36 -0.59	20.15 0.02 -1.06	21.13 0.13 0.00	19.03 0.04 0.00	18.21 0.10 0.00	17.39 0.03 0.00	18.13 0.04 0.00	19.30 -0.16 0.00	25.17 -0.17 0.00	27.89 0.03 0.00	21.86 0.29 0.00	28.64 0.67 0.00	21.74 0.46 0.00	21.89 0.36 0.00	22.24 0.36 0.00
CAITHNESS_CC_1 323624	19.79 1.57 0.00	17.34 1.40 0.00	16.39 1.24 0.00	16.69 1.09 0.00	18.23 1.05 0.00	20.64 1.19 0.00	20.79 1.12 0.00	22.69 1.40 0.00	31.36 1.70 0.00	22.79 0.98 0.00	20.12 1.06 0.00	21.74 0.74 0.00	19.66 0.66 0.00	18.80 0.69 0.00	18.52 0.70 -0.46	21.40 1.18 -2.13	20.51 1.05 0.00	26.54 1.20 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.14 1.17 0.00	22.05 0.77 0.00	22.56 1.03 0.00	22.91 1.03 0.00
CALPINE BETH_PAGE_GT4 24209	19.66 1.45 0.00	17.21 1.27 0.00	16.27 1.11 0.00	16.59 1.00 0.00	18.12 0.93 0.00	20.52 1.06 0.00	20.71 1.03 0.00	22.62 1.33 0.00	31.30 1.64 0.00	22.87 1.06 0.00	20.14 1.07 0.00	21.84 0.85 0.00	19.85 0.86 0.00	18.97 0.86 0.00	19.90 0.88 -1.66	23.08 1.27 -3.73	20.60 1.14 0.00	26.54 1.20 0.00	29.12 1.26 0.00	22.65 1.08 0.00	29.23 1.26 0.00	22.08 0.80 0.00	22.45 0.92 0.00	22.81 0.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.65 1.45 0.00	17.21 1.27 0.00	16.27 1.12 0.00	16.59 0.99 0.00	18.12 0.93 0.00	20.52 1.06 0.00	20.71 1.03 0.00	22.61 1.33 0.00	31.30 1.64 0.00	22.87 1.06 0.00	20.14 1.07 0.00	21.84 0.84 0.00	19.85 0.86 0.00	18.97 0.86 0.00	19.90 0.88 -1.66	23.08 1.27 -3.73	20.60 1.14 0.00	26.54 1.20 0.00	29.12 1.26 0.00	22.64 1.08 0.00	29.23 1.26 0.00	22.08 0.80 0.00	22.45 0.92 0.00	22.81 0.93 0.00
CALPINE_BP_GT1 23823	19.65 1.45 0.00	17.21 1.27 0.00	16.27 1.12 0.00	16.59 0.99 0.00	18.12 0.93 0.00	20.52 1.06 0.00	20.71 1.03 0.00	22.61 1.33 0.00	31.30 1.64 0.00	22.87 1.06 0.00	20.14 1.07 0.00	21.84 0.84 0.00	19.85 0.86 0.00	18.97 0.86 0.00	19.90 0.88 -1.66	23.08 1.27 -3.73	20.60 1.14 0.00	26.54 1.20 0.00	29.12 1.26 0.00	22.64 1.08 0.00	29.23 1.26 0.00	22.08 0.80 0.00	22.45 0.92 0.00	22.81 0.93 0.00
CALSPAN___DRP 24200	15.65 -0.88 1.68	15.15 -0.73 0.05	14.60 -0.56 0.00	14.98 -0.62 0.00	16.56 -0.63 0.00	18.89 -0.57 0.00	19.21 -0.46 0.00	20.91 -0.38 0.00	28.73 -0.93 0.00	21.38 -0.43 0.00	19.10 0.03 0.00	21.29 0.29 0.00	19.34 0.35 0.00	18.50 0.39 0.00	17.79 0.43 0.00	18.34 0.25 0.00	19.89 0.43 0.00	25.69 0.35 0.00	27.96 0.10 0.00	21.74 0.18 0.00	28.33 0.37 0.00	21.59 0.31 0.00	22.20 0.66 0.00	22.90 1.02 0.00

CALVERTON___SOLAR 323806	19.85 1.64 0.00	17.40 1.46 0.00	16.45 1.30 0.00	16.75 1.15 0.00	18.30 1.12 0.00	20.73 1.27 0.00	20.87 1.20 0.00	22.78 1.49 0.00	31.49 1.83 0.00	22.83 1.02 0.00	20.14 1.08 0.00	21.74 0.74 0.00	19.62 0.63 0.00	18.77 0.66 0.00	18.50 0.67 -0.46	21.39 1.17 -2.13	20.50 1.04 0.00	26.59 1.25 0.00	29.02 1.16 0.00	22.59 1.03 0.00	29.18 1.21 0.00	22.10 0.81 0.00	22.62 1.09 0.00	22.93 1.05 0.00
CANDIGU_WT_PWR 323617	17.30 -0.59 0.32	15.36 -0.57 0.01	14.76 -0.39 0.00	15.29 -0.31 0.00	16.74 -0.44 0.00	19.03 -0.43 0.00	19.48 -0.19 0.00	21.25 -0.04 0.00	29.16 -0.50 0.00	21.62 -0.19 0.00	19.16 0.09 0.00	21.40 0.40 0.00	19.32 0.33 0.00	18.47 0.37 0.00	17.84 0.48 0.00	18.48 0.39 0.00	20.04 0.58 0.00	25.95 0.61 0.00	28.49 0.63 0.00	22.20 0.64 0.00	28.87 0.90 0.00	21.99 0.71 0.00	22.48 0.94 0.00	23.04 1.16 0.00
CARR STREET_E_SYR 24060	18.14 -0.08 0.00	15.86 -0.08 0.00	15.07 -0.08 0.00	15.48 -0.12 0.00	17.02 -0.16 0.00	19.32 -0.13 0.00	19.60 -0.07 0.00	21.27 -0.02 0.00	29.53 -0.13 0.00	21.76 -0.06 0.00	19.07 0.01 0.00	21.04 0.04 0.00	19.04 0.05 0.00	18.17 0.06 0.00	17.41 0.05 0.00	18.12 0.04 0.00	19.52 0.06 0.00	25.40 0.06 0.00	27.93 0.06 0.00	21.67 0.10 0.00	28.10 0.13 0.00	21.34 0.06 0.00	21.61 0.08 0.00	21.98 0.10 0.00
CARTHAGE___PAPER 23857	18.26 0.05 0.00	15.69 -0.25 0.00	14.61 -0.54 0.00	15.36 -0.24 0.00	17.01 -0.17 0.00	19.08 -0.38 0.00	19.31 -0.36 0.00	20.80 -0.49 0.00	29.46 -0.20 0.00	22.89 0.14 -0.94	20.48 -0.29 -1.70	20.79 -0.21 0.00	18.68 -0.31 0.00	17.86 -0.25 0.00	16.94 -0.41 0.00	17.58 -0.50 0.00	18.58 -0.88 0.00	24.30 -1.04 0.00	27.00 -0.86 0.00	21.45 -0.12 0.00	28.40 0.43 0.00	21.57 0.29 0.00	21.67 0.13 0.00	22.05 0.17 0.00
CASSADAGA_WT_PWR 323784	16.41 -0.29 1.51	15.56 -0.33 0.05	14.77 -0.38 0.00	15.04 -0.56 0.00	16.73 -0.45 0.00	19.23 -0.23 0.00	19.56 -0.11 0.00	21.45 0.16 0.00	29.47 -0.19 0.00	22.04 0.23 0.00	19.74 0.67 0.00	22.01 1.01 0.00	19.96 0.96 0.00	19.06 0.95 0.00	18.35 0.99 0.00	18.83 0.74 0.00	20.45 1.00 0.00	26.52 1.18 0.00	28.93 1.07 0.00	22.49 0.93 0.00	29.20 1.23 0.00	22.18 0.90 0.00	22.77 1.24 0.00	23.49 1.61 0.00
CE_DUNWOOD___DRP 24194	19.35 1.14 0.00	16.93 0.99 0.00	16.06 0.91 0.00	16.42 0.82 0.00	17.90 0.72 0.00	20.30 0.84 0.00	20.58 0.91 0.00	22.44 1.15 0.00	31.02 1.37 0.00	22.77 0.96 0.00	19.88 0.81 0.00	21.76 0.76 0.00	19.76 0.77 0.00	18.89 0.78 0.00	18.15 0.79 0.00	19.02 0.93 0.00	20.40 0.94 0.00	26.47 1.13 0.00	29.16 1.30 0.00	22.63 1.07 0.00	29.23 1.27 0.00	22.06 0.78 0.00	22.28 0.74 0.00	22.62 0.74 0.00
CE_MILLWOOD___DRP 24193	19.33 1.12 0.00	16.91 0.97 0.00	16.04 0.89 0.00	16.40 0.80 0.00	17.88 0.70 0.00	20.27 0.81 0.00	20.55 0.88 0.00	22.41 1.12 0.00	30.97 1.32 0.00	22.73 0.92 0.00	19.84 0.78 0.00	21.73 0.73 0.00	19.72 0.73 0.00	18.86 0.75 0.00	18.11 0.75 0.00	18.99 0.90 0.00	20.36 0.90 0.00	26.43 1.09 0.00	29.12 1.26 0.00	22.60 1.04 0.00	29.18 1.22 0.00	22.03 0.75 0.00	22.25 0.72 0.00	22.60 0.72 0.00
CE_NYC2_DRP 24202	19.46 1.25 0.00	17.05 1.11 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.76 1.09 0.00	22.61 1.32 0.00	31.24 1.58 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.58 1.13 0.00	26.68 1.34 0.00	29.39 1.53 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.40 0.86 0.00	22.74 0.86 0.00
CE_NYC_DRP 24195	19.46 1.25 0.00	17.05 1.11 0.00	16.19 1.03 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.61 1.32 0.00	31.23 1.57 0.00	22.94 1.13 0.00	20.03 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.24 1.15 0.00	20.61 1.15 0.00	26.69 1.35 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.46 1.49 0.00	22.19 0.91 0.00	22.40 0.87 0.00	22.74 0.86 0.00
CHAFFEE___LFGE 323603	15.93 -0.70 1.58	15.31 -0.59 0.05	14.70 -0.45 0.00	15.11 -0.48 0.00	16.69 -0.49 0.00	19.06 -0.40 0.00	19.37 -0.30 0.00	21.12 -0.17 0.00	28.99 -0.67 0.00	21.59 -0.22 0.00	19.26 0.19 0.00	21.46 0.46 0.00	19.51 0.52 0.00	18.67 0.56 0.00	17.95 0.59 0.00	18.52 0.43 0.00	20.06 0.60 0.00	25.90 0.56 0.00	28.20 0.34 0.00	21.95 0.39 0.00	28.59 0.62 0.00	21.76 0.48 0.00	22.37 0.83 0.00	23.08 1.20 0.00
CHATEAUG_35_KV_LOAD 355732	17.87 -0.34 0.00	15.64 -0.30 0.00	15.06 -0.09 0.00	15.76 0.16 0.00	17.36 0.17 0.00	19.38 -0.07 0.00	18.97 -0.70 0.00	20.61 -0.68 0.00	28.92 -0.74 0.00	-2.01 -0.70 23.12	-23.31 -0.63 41.75	20.57 -0.43 0.00	18.58 -0.41 0.00	17.59 -0.52 0.00	17.07 -0.29 0.00	17.42 -0.67 0.00	18.88 -0.58 0.00	24.68 -0.66 0.00	26.79 -1.07 0.00	20.87 -0.70 0.00	27.30 -0.67 0.00	20.99 -0.29 0.00	21.41 -0.12 0.00	21.80 -0.07 0.00
CHATEAUG_WT_PWR 323614	17.84 -0.37 0.00	15.62 -0.32 0.00	15.05 -0.10 0.00	15.77 0.17 0.00	17.34 0.16 0.00	19.29 -0.17 0.00	18.76 -0.91 0.00	20.41 -0.88 0.00	28.66 -1.00 0.00	-0.74 -0.90 21.65	-20.86 -0.82 39.11	20.40 -0.60 0.00	18.48 -0.51 0.00	17.45 -0.66 0.00	16.98 -0.38 0.00	17.30 -0.78 0.00	18.78 -0.68 0.00	24.56 -0.78 0.00	26.55 -1.31 0.00	20.68 -0.89 0.00	27.02 -0.95 0.00	20.82 -0.46 0.00	21.31 -0.22 0.00	21.72 -0.16 0.00
CHAT_HIGH_FALL_HYD 323578	17.87 -0.34 0.00	15.64 -0.30 0.00	15.06 -0.09 0.00	15.76 0.16 0.00	17.36 0.17 0.00	19.38 -0.07 0.00	18.97 -0.70 0.00	20.61 -0.68 0.00	28.92 -0.74 0.00	-2.01 -0.70 23.12	-23.31 -0.63 41.75	20.57 -0.43 0.00	18.58 -0.41 0.00	17.59 -0.52 0.00	17.07 -0.29 0.00	17.42 -0.67 0.00	18.88 -0.58 0.00	24.68 -0.66 0.00	26.79 -1.07 0.00	20.87 -0.70 0.00	27.30 -0.67 0.00	20.99 -0.29 0.00	21.41 -0.12 0.00	21.80 -0.07 0.00
CHAUTAUQUA___LFGE 323629	16.16 -0.46 1.59	15.45 -0.45 0.05	14.76 -0.40 0.00	15.08 -0.52 0.00	16.71 -0.47 0.00	19.14 -0.33 0.00	19.45 -0.23 0.00	21.27 -0.02 0.00	29.19 -0.47 0.00	21.76 -0.05 0.00	19.44 0.38 0.00	21.66 0.66 0.00	19.66 0.66 0.00	18.80 0.69 0.00	18.08 0.72 0.00	18.58 0.49 0.00	20.19 0.73 0.00	26.13 0.78 0.00	28.49 0.63 0.00	22.16 0.60 0.00	28.80 0.83 0.00	21.91 0.63 0.00	22.54 1.00 0.00	23.24 1.36 0.00
CHERRYST_13_KV_LD 356241	19.50 1.29 0.00	17.09 1.15 0.00	16.22 1.07 0.00	16.59 0.99 0.00	18.06 0.88 0.00	20.48 1.02 0.00	20.80 1.13 0.00	22.67 1.38 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.10 1.03 0.00	22.01 1.01 0.00	20.01 1.02 0.00	19.15 1.04 0.00	18.41 1.05 0.00	19.30 1.21 0.00	20.68 1.22 0.00	26.78 1.44 0.00	29.49 1.63 0.00	22.88 1.32 0.00	29.54 1.57 0.00	22.25 0.97 0.00	22.46 0.92 0.00	22.79 0.91 0.00

CHESTROR_138KV_BK263 355645	19.18 0.97 0.00	16.78 0.83 0.00	15.92 0.77 0.00	16.29 0.69 0.00	17.80 0.62 0.00	20.17 0.71 0.00	20.43 0.76 0.00	22.26 0.97 0.00	30.77 1.11 0.00	22.55 0.74 0.00	19.66 0.59 0.00	21.55 0.55 0.00	19.56 0.57 0.00	18.70 0.59 0.00	17.95 0.59 0.00	18.81 0.72 0.00	20.18 0.72 0.00	26.25 0.90 0.00	28.96 1.10 0.00	22.47 0.91 0.00	29.05 1.08 0.00	21.95 0.67 0.00	22.19 0.65 0.00	22.55 0.67 0.00
CH_MIDHUDSON___DRP 24192	19.50 1.29 0.00	17.05 1.11 0.00	16.17 1.02 0.00	16.55 0.95 0.00	18.07 0.88 0.00	20.51 1.05 0.00	20.82 1.15 0.00	22.71 1.41 0.00	31.39 1.74 0.00	22.95 1.14 0.00	20.00 0.93 0.00	21.90 0.91 0.00	19.90 0.91 0.00	19.04 0.94 0.00	18.29 0.93 0.00	19.15 1.06 0.00	20.53 1.08 0.00	26.78 1.43 0.00	29.55 1.69 0.00	22.96 1.39 0.00	29.67 1.70 0.00	22.41 1.13 0.00	22.61 1.07 0.00	22.92 1.04 0.00
CH_MISC_IPPS 23765	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.39 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00
CH_RES_BVR_FALLS 23983	17.98 -0.24 0.00	15.67 -0.27 0.00	14.85 -0.31 0.00	15.45 -0.15 0.00	17.10 -0.08 0.00	19.31 -0.15 0.00	19.42 -0.26 0.00	20.94 -0.35 0.00	29.30 -0.36 0.00	21.64 -0.17 0.00	18.83 -0.24 0.00	20.81 -0.19 0.00	18.76 -0.23 0.00	17.86 -0.25 0.00	17.16 -0.20 0.00	17.86 -0.23 0.00	19.16 -0.30 0.00	24.99 -0.35 0.00	27.46 -0.40 0.00	21.26 -0.30 0.00	27.70 -0.27 0.00	21.12 -0.16 0.00	21.34 -0.20 0.00	21.68 -0.20 0.00
CH_RES_NIAGARA 23895	14.50 -1.79 1.92	14.41 -1.48 0.06	13.92 -1.23 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.44 -1.23 0.00	19.97 -1.32 0.00	27.44 -2.22 0.00	20.46 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.60 0.00	18.55 -0.45 0.00	17.71 -0.40 0.00	17.02 -0.34 0.00	17.54 -0.55 0.00	19.01 -0.45 0.00	24.56 -0.78 0.00	26.69 -1.17 0.00	20.78 -0.78 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
CH_RES_SYRACUSE 23985	18.61 0.12 -0.28	16.02 0.08 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.29 0.00	21.38 0.39 0.00	19.35 0.36 0.00	18.47 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	21.99 0.46 0.00	22.42 0.53 0.00
CLINTON_WT_PWR 323605	17.84 -0.37 0.00	15.62 -0.32 0.00	15.05 -0.10 0.00	15.77 0.17 0.00	17.34 0.16 0.00	19.29 -0.17 0.00	18.76 -0.91 0.00	20.41 -0.88 0.00	28.66 -1.00 0.00	-0.74 -0.90 21.65	-20.86 -0.82 39.11	20.40 -0.60 0.00	18.48 -0.51 0.00	17.45 -0.66 0.00	16.98 -0.38 0.00	17.30 -0.78 0.00	18.78 -0.68 0.00	24.56 -0.78 0.00	26.55 -1.31 0.00	20.68 -0.89 0.00	27.02 -0.95 0.00	20.82 -0.46 0.00	21.31 -0.22 0.00	21.72 -0.16 0.00
CLINTON___LFGE 323618	18.04 -0.17 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.48 0.30 0.00	19.36 -0.09 0.00	18.61 -1.06 0.00	20.29 -1.01 0.00	28.54 -1.12 0.00	-1.29 -0.95 22.15	-21.72 -0.79 40.00	20.40 -0.60 0.00	18.52 -0.47 0.00	17.45 -0.66 0.00	17.03 -0.33 0.00	17.34 -0.75 0.00	18.85 -0.61 0.00	24.63 -0.71 0.00	26.45 -1.41 0.00	20.64 -0.93 0.00	26.93 -1.03 0.00	20.82 -0.46 0.00	21.46 -0.07 0.00	21.87 -0.01 0.00
COBBLENY_34_KV_TB1 80064	15.92 -0.71 1.58	15.31 -0.58 0.05	14.73 -0.42 0.00	15.11 -0.49 0.00	16.69 -0.49 0.00	19.05 -0.41 0.00	19.39 -0.29 0.00	21.12 -0.17 0.00	29.00 -0.66 0.00	21.59 -0.22 0.00	19.27 0.20 0.00	21.47 0.47 0.00	19.51 0.52 0.00	18.66 0.55 0.00	17.95 0.60 0.00	18.51 0.42 0.00	20.05 0.59 0.00	25.90 0.56 0.00	28.20 0.34 0.00	21.94 0.38 0.00	28.58 0.61 0.00	21.76 0.47 0.00	22.37 0.83 0.00	23.08 1.20 0.00
COFFEEN___115KV_TB3 355620	18.27 0.06 0.00	15.67 -0.27 0.00	14.59 -0.56 0.00	15.31 -0.29 0.00	16.94 -0.25 0.00	19.03 -0.42 0.00	19.29 -0.38 0.00	20.82 -0.48 0.00	29.49 -0.17 0.00	22.78 0.19 -0.78	20.27 -0.21 -1.41	20.83 -0.17 0.00	18.72 -0.27 0.00	17.87 -0.24 0.00	16.84 -0.52 0.00	17.45 -0.64 0.00	18.46 -1.00 0.00	24.13 -1.21 0.00	26.81 -1.05 0.00	21.41 -0.15 0.00	28.52 0.55 0.00	21.66 0.38 0.00	21.74 0.20 0.00	22.14 0.26 0.00
COLDSPRG_115KV_BK1 355956	16.93 0.12 1.40	15.98 0.08 0.04	15.25 0.10 0.00	15.54 -0.06 0.00	17.21 0.02 0.00	19.65 0.19 0.00	19.98 0.31 0.00	21.88 0.59 0.00	30.00 0.34 0.00	22.32 0.51 0.00	19.93 0.87 0.00	22.24 1.24 0.00	20.22 1.23 0.00	19.35 1.24 0.00	18.62 1.26 0.00	19.16 1.07 0.00	20.81 1.35 0.00	26.85 1.51 0.00	29.20 1.34 0.00	22.68 1.12 0.00	29.52 1.55 0.00	22.39 1.11 0.00	23.03 1.49 0.00	23.83 1.94 0.00
COLONIE_LFGE___ 323577	18.78 0.57 0.00	16.45 0.51 0.00	15.64 0.49 0.00	16.08 0.48 0.00	17.52 0.34 0.00	19.77 0.32 0.00	20.03 0.35 0.00	21.74 0.46 0.00	30.20 0.54 0.00	22.17 0.36 0.00	19.34 0.28 0.00	21.76 0.23 -0.53	19.22 0.23 0.00	18.26 0.15 0.00	17.44 0.08 0.00	18.29 0.20 0.00	19.75 0.29 0.00	25.87 0.45 -0.08	28.33 0.47 0.00	21.86 0.30 0.00	28.26 0.29 0.00	21.50 0.22 0.00	21.65 0.12 0.00	21.94 0.06 0.00
COOPERNY_115KV_TB1 80082	18.97 0.76 0.00	16.60 0.66 0.00	15.76 0.60 0.00	16.14 0.54 0.00	17.67 0.48 0.00	20.02 0.56 0.00	20.28 0.60 0.00	22.06 0.77 0.00	30.53 0.87 0.00	22.40 0.59 0.00	19.55 0.48 0.00	21.46 0.46 0.00	19.46 0.46 0.00	18.59 0.48 0.00	17.86 0.50 0.00	18.68 0.59 0.00	20.05 0.59 0.00	26.08 0.74 0.00	28.75 0.89 0.00	22.31 0.74 0.00	28.85 0.88 0.00	21.83 0.55 0.00	22.08 0.54 0.00	22.45 0.57 0.00
COPENHAGEN_WT_PWR 323753	18.12 -0.09 0.00	15.48 -0.46 0.00	14.37 -0.78 0.00	15.12 -0.48 0.00	16.71 -0.47 0.00	18.74 -0.72 0.00	18.94 -0.73 0.00	20.43 -0.86 0.00	29.05 -0.62 0.00	22.41 -0.14 -0.74	19.85 -0.56 -1.34	20.51 -0.49 0.00	18.44 -0.55 0.00	17.66 -0.44 0.00	16.74 -0.62 0.00	17.37 -0.72 0.00	18.34 -1.11 0.00	23.97 -1.37 0.00	26.59 -1.27 0.00	21.17 -0.39 0.00	28.15 0.18 0.00	21.36 0.08 0.00	21.44 -0.10 0.00	21.89 0.01 0.00
CORNELL_____ 23752	18.99 0.36 -0.42	16.24 0.28 -0.01	15.46 0.31 0.00	15.85 0.25 0.00	17.44 0.26 0.00	19.83 0.37 0.00	20.15 0.48 0.00	21.92 0.63 0.00	30.25 0.59 0.00	22.28 0.47 0.00	19.54 0.48 0.00	21.61 0.61 0.00	19.58 0.59 0.00	18.69 0.59 0.00	17.94 0.58 0.00	18.65 0.57 0.00	20.15 0.69 0.00	26.20 0.86 0.00	28.85 0.99 0.00	22.47 0.91 0.00	29.13 1.16 0.00	22.12 0.84 0.00	22.42 0.89 0.00	22.84 0.95 0.00

CORONA__69_KV_TB1 355595	19.63 1.42 0.00	17.19 1.25 0.00	16.24 1.09 0.00	16.58 0.98 0.00	18.10 0.92 0.00	20.49 1.03 0.00	20.69 1.01 0.00	22.58 1.29 0.00	31.25 1.59 0.00	22.86 1.05 0.00	20.13 1.07 0.00	21.87 0.87 0.00	19.89 0.89 0.00	19.02 0.91 0.00	25.37 0.93 -7.08	30.26 1.24 -10.93	20.62 1.16 0.00	26.63 1.29 0.00	29.28 1.41 0.00	22.75 1.18 0.00	29.37 1.41 0.00	22.20 0.92 0.00	22.54 1.00 0.00	22.90 1.02 0.00
CORTLAND__115KV_TB3 80093	18.74 0.53 0.00	16.35 0.41 0.00	15.51 0.36 0.00	15.94 0.34 0.00	17.55 0.37 0.00	19.95 0.49 0.00	20.26 0.59 0.00	21.99 0.70 0.00	30.58 0.92 0.00	22.52 0.71 0.00	19.71 0.64 0.00	21.75 0.75 0.00	19.66 0.67 0.00	18.77 0.67 0.00	17.97 0.61 0.00	18.72 0.63 0.00	20.15 0.69 0.00	26.25 0.90 0.00	28.92 1.06 0.00	22.50 0.94 0.00	29.24 1.27 0.00	22.16 0.88 0.00	22.38 0.84 0.00	22.72 0.84 0.00
COXSACKIE__GT 23611	19.06 0.85 0.00	16.77 0.83 0.00	15.94 0.78 0.00	16.35 0.75 0.00	17.79 0.61 0.00	20.15 0.70 0.00	20.51 0.83 0.00	22.27 0.98 0.00	30.92 1.26 0.00	22.46 0.64 0.00	19.44 0.38 0.00	20.99 0.16 0.17	19.34 0.34 0.00	18.43 0.32 0.00	17.59 0.23 0.00	18.15 0.06 0.00	19.52 0.06 0.00	25.68 0.36 0.02	28.58 0.72 0.00	22.45 0.89 0.00	29.16 1.19 0.00	22.15 0.87 0.00	22.25 0.71 0.00	22.46 0.58 0.00
CPV_VALLEY__CC1 323721	19.10 0.89 0.00	16.71 0.77 0.00	15.86 0.70 0.00	16.23 0.63 0.00	17.74 0.55 0.00	20.10 0.64 0.00	20.36 0.69 0.00	22.17 0.88 0.00	30.66 1.00 0.00	22.49 0.68 0.00	19.62 0.55 0.00	21.51 0.51 0.00	19.51 0.52 0.00	18.65 0.54 0.00	17.91 0.55 0.00	18.75 0.66 0.00	20.12 0.66 0.00	26.17 0.83 0.00	28.86 1.00 0.00	22.39 0.82 0.00	28.94 0.97 0.00	21.88 0.60 0.00	22.12 0.58 0.00	22.48 0.60 0.00
CPV_VALLEY__CC2 323722	19.10 0.89 0.00	16.71 0.77 0.00	15.86 0.70 0.00	16.23 0.63 0.00	17.74 0.55 0.00	20.10 0.64 0.00	20.36 0.69 0.00	22.17 0.88 0.00	30.66 1.00 0.00	22.49 0.68 0.00	19.62 0.55 0.00	21.51 0.51 0.00	19.51 0.52 0.00	18.65 0.54 0.00	17.91 0.55 0.00	18.75 0.66 0.00	20.12 0.66 0.00	26.17 0.83 0.00	28.86 1.00 0.00	22.39 0.82 0.00	28.94 0.97 0.00	21.88 0.60 0.00	22.12 0.58 0.00	22.48 0.60 0.00
CRESCENT__HYD 24018	18.78 0.57 0.00	16.45 0.51 0.00	15.64 0.49 0.00	16.08 0.48 0.00	17.52 0.34 0.00	19.77 0.32 0.00	20.03 0.35 0.00	21.74 0.46 0.00	30.20 0.54 0.00	22.17 0.36 0.00	19.34 0.28 0.00	21.76 0.23 -0.53	19.22 0.23 0.00	18.26 0.15 0.00	17.44 0.08 0.00	18.29 0.20 0.00	19.75 0.29 0.00	25.87 0.45 -0.08	28.33 0.47 0.00	21.86 0.30 0.00	28.26 0.29 0.00	21.50 0.22 0.00	21.65 0.12 0.00	21.94 0.06 0.00
CRICKET__VALLEY_CC1 323756	19.09 0.88 0.00	16.67 0.73 0.00	15.83 0.68 0.00	16.21 0.61 0.00	17.66 0.48 0.00	20.04 0.58 0.00	20.26 0.59 0.00	22.11 0.83 0.00	30.61 0.96 0.00	22.48 0.67 0.00	19.62 0.55 0.00	21.48 0.48 0.00	19.46 0.47 0.00	18.57 0.46 0.00	17.80 0.44 0.00	18.64 0.55 0.00	20.02 0.56 0.00	26.05 0.71 0.00	28.73 0.87 0.00	22.27 0.70 0.00	28.73 0.77 0.00	21.75 0.46 0.00	21.88 0.34 0.00	22.16 0.28 0.00
CRICKET__VALLEY_CC2 323757	19.09 0.88 0.00	16.67 0.73 0.00	15.83 0.68 0.00	16.21 0.61 0.00	17.66 0.48 0.00	20.04 0.58 0.00	20.26 0.59 0.00	22.11 0.83 0.00	30.61 0.96 0.00	22.48 0.67 0.00	19.62 0.55 0.00	21.48 0.48 0.00	19.46 0.47 0.00	18.57 0.46 0.00	17.80 0.44 0.00	18.64 0.55 0.00	20.02 0.56 0.00	26.05 0.71 0.00	28.73 0.87 0.00	22.27 0.70 0.00	28.73 0.77 0.00	21.75 0.46 0.00	21.88 0.34 0.00	22.16 0.28 0.00
CRICKET__VALLEY_CC3 323758	19.09 0.88 0.00	16.67 0.73 0.00	15.83 0.68 0.00	16.21 0.61 0.00	17.66 0.48 0.00	20.04 0.58 0.00	20.26 0.59 0.00	22.11 0.83 0.00	30.61 0.96 0.00	22.48 0.67 0.00	19.62 0.55 0.00	21.48 0.48 0.00	19.46 0.47 0.00	18.57 0.46 0.00	17.80 0.44 0.00	18.64 0.55 0.00	20.02 0.56 0.00	26.05 0.71 0.00	28.73 0.87 0.00	22.27 0.70 0.00	28.73 0.77 0.00	21.75 0.46 0.00	21.88 0.34 0.00	22.16 0.28 0.00
CRUCIBLE_METL_DRP 24180	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00
DAHOWA__HYDRO 323763	18.82 0.61 0.00	16.44 0.50 0.00	15.64 0.49 0.00	16.09 0.49 0.00	17.55 0.36 0.00	19.91 0.45 0.00	20.18 0.51 0.00	21.95 0.66 0.00	30.51 0.85 0.00	22.32 0.51 0.00	19.35 0.28 0.00	21.53 0.26 -0.27	19.28 0.29 0.00	18.29 0.17 0.00	17.50 0.14 0.00	18.34 0.25 0.00	19.85 0.40 0.00	26.05 0.67 -0.04	28.63 0.77 0.00	22.16 0.60 0.00	28.61 0.64 0.00	21.77 0.48 0.00	21.87 0.33 0.00	22.10 0.22 0.00
DANC__LFGE 323619	18.04 -0.17 0.00	15.55 -0.39 0.00	14.57 -0.58 0.00	15.19 -0.41 0.00	16.76 -0.43 0.00	18.88 -0.58 0.00	19.10 -0.58 0.00	20.64 -0.65 0.00	29.08 -0.58 0.00	22.12 -0.20 -0.51	19.56 -0.43 -0.92	20.60 -0.39 0.00	18.56 -0.43 0.00	17.75 -0.36 0.00	16.89 -0.47 0.00	17.54 -0.55 0.00	18.65 -0.81 0.00	24.34 -1.00 0.00	26.92 -0.94 0.00	21.24 -0.32 0.00	28.00 0.03 0.00	21.25 -0.03 0.00	21.40 -0.14 0.00	21.81 -0.07 0.00
DANSKAMMER__1 23586	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.39 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00
DANSKAMMER__2 23589	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.39 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00
DANSKAMMER__3 23590	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.39 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00

DANSKAMMER___4 23591	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.39 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00
DANSKAMMER___DIESEL 23592	19.49 1.28 0.00	17.03 1.09 0.00	16.16 1.01 0.00	16.54 0.94 0.00	18.06 0.87 0.00	20.49 1.03 0.00	20.80 1.13 0.00	22.67 1.38 0.00	31.34 1.69 0.00	22.93 1.12 0.00	19.98 0.91 0.00	21.90 0.90 0.00	19.90 0.90 0.00	19.03 0.92 0.00	18.27 0.91 0.00	19.14 1.05 0.00	20.52 1.06 0.00	26.75 1.41 0.00	29.52 1.65 0.00	22.92 1.36 0.00	29.63 1.66 0.00	22.37 1.09 0.00	22.57 1.04 0.00	22.90 1.02 0.00
DARBY___SOLAR 323810	18.83 0.61 0.00	16.45 0.51 0.00	15.65 0.50 0.00	16.10 0.50 0.00	17.56 0.38 0.00	19.91 0.45 0.00	20.18 0.51 0.00	21.93 0.64 0.00	30.47 0.82 0.00	22.31 0.50 0.00	19.34 0.28 0.00	21.57 0.26 -0.31	19.29 0.30 0.00	18.30 0.19 0.00	17.52 0.16 0.00	18.35 0.27 0.00	19.85 0.39 0.00	26.03 0.65 -0.04	28.60 0.74 0.00	22.14 0.57 0.00	28.59 0.62 0.00	21.75 0.47 0.00	21.86 0.33 0.00	22.11 0.23 0.00
DASHVILLE___HYD 23610	19.34 1.13 0.00	16.89 0.95 0.00	16.02 0.87 0.00	16.38 0.78 0.00	17.89 0.71 0.00	20.32 0.86 0.00	20.61 0.93 0.00	22.47 1.18 0.00	31.07 1.42 0.00	22.76 0.95 0.00	19.83 0.76 0.00	21.66 0.71 0.05	19.73 0.73 0.00	18.88 0.78 0.00	18.16 0.80 0.00	19.04 0.95 0.00	20.35 0.89 0.00	26.49 1.15 0.01	29.24 1.38 0.00	22.71 1.15 0.00	29.35 1.39 0.00	22.16 0.88 0.00	22.37 0.83 0.00	22.70 0.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.15 1.94 0.00	17.66 1.72 0.00	16.71 1.55 0.00	17.01 1.42 0.00	18.60 1.42 0.00	21.08 1.62 0.00	21.24 1.57 0.00	23.20 1.91 0.00	32.08 2.42 0.00	23.23 1.42 0.00	20.49 1.42 0.00	22.12 1.11 0.00	19.93 0.94 0.00	19.00 0.90 0.00	18.75 0.93 -0.46	21.65 1.43 -2.13	20.81 1.35 0.00	27.03 1.69 0.00	29.51 1.65 0.00	22.99 1.43 0.00	29.70 1.74 0.00	22.48 1.20 0.00	23.01 1.47 0.00	23.29 1.41 0.00
DELAWARE___LFGE 323621	18.83 0.62 0.00	16.46 0.52 0.00	15.64 0.49 0.00	16.02 0.43 0.00	17.60 0.42 0.00	19.98 0.52 0.00	20.25 0.57 0.00	21.99 0.70 0.00	30.49 0.83 0.00	22.41 0.59 0.00	19.58 0.51 0.00	21.54 0.54 0.00	19.51 0.52 0.00	18.61 0.51 0.00	17.84 0.48 0.00	18.60 0.51 0.00	20.00 0.54 0.00	26.01 0.67 0.00	28.71 0.85 0.00	22.29 0.73 0.00	28.87 0.90 0.00	21.90 0.62 0.00	22.16 0.62 0.00	22.53 0.66 0.00
DERFIELD_115KV_TB7 355931	18.31 0.09 0.00	16.02 0.08 0.00	15.21 0.06 0.00	15.64 0.04 0.00	17.18 0.00 0.00	19.46 0.00 0.00	19.69 0.02 0.00	21.34 0.05 0.00	29.68 0.03 0.00	21.82 0.01 0.00	19.05 -0.01 0.00	20.97 -0.02 0.00	18.97 -0.02 0.00	18.10 -0.01 0.00	17.34 -0.02 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.34 0.00 0.00	27.89 0.03 0.00	21.61 0.05 0.00	28.00 0.04 0.00	21.28 0.00 0.00	21.53 -0.01 0.00	21.86 -0.02 0.00
DOGLEVILLE___HYD 23807	18.40 0.19 0.00	16.15 0.21 0.00	15.33 0.17 0.00	15.67 0.07 0.00	17.11 -0.07 0.00	19.39 -0.07 0.00	19.73 0.06 0.00	21.47 0.18 0.00	29.71 0.05 0.00	21.58 -0.23 0.00	18.76 -0.31 0.00	20.67 -0.33 0.00	18.53 -0.46 0.00	17.68 -0.43 0.00	16.88 -0.48 0.00	17.63 -0.46 0.00	19.05 -0.41 0.00	24.93 -0.41 0.00	27.76 -0.11 0.00	21.56 0.00 0.00	27.95 -0.01 0.00	21.22 -0.06 0.00	21.40 -0.13 0.00	21.64 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	16.13 -0.49 1.59	15.44 -0.45 0.05	14.79 -0.36 0.00	15.09 -0.51 0.00	16.71 -0.47 0.00	19.12 -0.33 0.00	19.44 -0.23 0.00	21.25 -0.03 0.00	29.16 -0.50 0.00	21.72 -0.09 0.00	19.41 0.34 0.00	21.61 0.62 0.00	19.62 0.63 0.00	18.75 0.65 0.00	18.04 0.68 0.00	18.54 0.45 0.00	20.14 0.68 0.00	26.07 0.73 0.00	28.43 0.57 0.00	22.10 0.54 0.00	28.74 0.78 0.00	21.87 0.59 0.00	22.51 0.97 0.00	23.20 1.32 0.00
DUNKIRK___1 23563	16.13 -0.49 1.59	15.44 -0.45 0.05	14.79 -0.36 0.00	15.09 -0.51 0.00	16.71 -0.47 0.00	19.12 -0.33 0.00	19.44 -0.23 0.00	21.25 -0.03 0.00	29.16 -0.50 0.00	21.72 -0.09 0.00	19.41 0.34 0.00	21.61 0.62 0.00	19.62 0.63 0.00	18.75 0.65 0.00	18.04 0.68 0.00	18.54 0.45 0.00	20.14 0.68 0.00	26.07 0.73 0.00	28.43 0.57 0.00	22.10 0.54 0.00	28.74 0.78 0.00	21.87 0.59 0.00	22.51 0.97 0.00	23.20 1.32 0.00
DUNKIRK___2 23564	16.13 -0.49 1.59	15.44 -0.45 0.05	14.79 -0.36 0.00	15.09 -0.51 0.00	16.71 -0.47 0.00	19.12 -0.33 0.00	19.44 -0.23 0.00	21.25 -0.03 0.00	29.16 -0.50 0.00	21.72 -0.09 0.00	19.41 0.34 0.00	21.61 0.62 0.00	19.62 0.63 0.00	18.75 0.65 0.00	18.04 0.68 0.00	18.54 0.45 0.00	20.14 0.68 0.00	26.07 0.73 0.00	28.43 0.57 0.00	22.10 0.54 0.00	28.74 0.78 0.00	21.87 0.59 0.00	22.51 0.97 0.00	23.20 1.32 0.00
DUNKIRK___3 23565	16.01 -0.59 1.61	15.37 -0.52 0.05	14.74 -0.41 0.00	15.06 -0.53 0.00	16.67 -0.51 0.00	19.04 -0.41 0.00	19.35 -0.32 0.00	21.13 -0.16 0.00	28.97 -0.69 0.00	21.57 -0.24 0.00	19.26 0.19 0.00	21.45 0.45 0.00	19.48 0.49 0.00	18.63 0.52 0.00	17.92 0.57 0.00	18.44 0.35 0.00	20.02 0.57 0.00	25.89 0.55 0.00	28.21 0.35 0.00	21.94 0.37 0.00	28.54 0.57 0.00	21.72 0.44 0.00	22.36 0.82 0.00	23.07 1.19 0.00
DUNKIRK___4 23566	16.01 -0.59 1.61	15.37 -0.52 0.05	14.74 -0.41 0.00	15.06 -0.53 0.00	16.67 -0.51 0.00	19.04 -0.41 0.00	19.35 -0.32 0.00	21.13 -0.16 0.00	28.97 -0.69 0.00	21.57 -0.24 0.00	19.26 0.19 0.00	21.45 0.45 0.00	19.48 0.49 0.00	18.63 0.52 0.00	17.92 0.57 0.00	18.44 0.35 0.00	20.02 0.57 0.00	25.89 0.55 0.00	28.21 0.35 0.00	21.94 0.37 0.00	28.54 0.57 0.00	21.72 0.44 0.00	22.36 0.82 0.00	23.07 1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.39 1.18 0.00	16.96 1.02 0.00	16.08 0.93 0.00	16.43 0.84 0.00	17.91 0.73 0.00	20.31 0.85 0.00	20.62 0.95 0.00	22.49 1.20 0.00	31.09 1.43 0.00	22.82 1.00 0.00	19.93 0.86 0.00	21.81 0.81 0.00	19.81 0.82 0.00	18.94 0.83 0.00	18.20 0.83 0.00	19.08 0.99 0.00	20.46 1.00 0.00	26.52 1.18 0.00	29.22 1.36 0.00	22.69 1.12 0.00	29.29 1.33 0.00	22.11 0.82 0.00	22.33 0.79 0.00	22.67 0.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.32 1.11 0.00	16.90 0.96 0.00	16.03 0.88 0.00	16.40 0.80 0.00	17.92 0.74 0.00	20.32 0.86 0.00	20.60 0.93 0.00	22.45 1.16 0.00	31.03 1.37 0.00	22.72 0.91 0.00	19.80 0.74 0.00	21.70 0.70 0.00	19.70 0.71 0.00	18.84 0.73 0.00	18.09 0.73 0.00	18.97 0.88 0.00	20.32 0.87 0.00	26.48 1.14 0.00	29.22 1.36 0.00	22.69 1.12 0.00	29.32 1.36 0.00	22.15 0.87 0.00	22.37 0.83 0.00	22.72 0.84 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.42 1.21 0.00	17.03 1.09 0.00	16.19 1.04 0.00	16.58 0.98 0.00	18.05 0.87 0.00	20.46 1.00 0.00	20.75 1.08 0.00	22.56 1.27 0.00	31.18 1.52 0.00	22.91 1.10 0.00	19.99 0.92 0.00	21.88 0.88 0.00	19.89 0.90 0.00	19.02 0.91 0.00	18.28 0.92 0.00	19.17 1.08 0.00	20.50 1.04 0.00	26.56 1.22 0.00	29.31 1.45 0.00	22.77 1.20 0.00	29.37 1.40 0.00	22.15 0.87 0.00	22.34 0.81 0.00	22.68 0.81 0.00
E179THST_13_KV_LOAD 356214	19.50 1.29 0.00	17.10 1.16 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.53 1.07 0.00	20.83 1.16 0.00	22.65 1.35 0.00	31.30 1.64 0.00	23.00 1.19 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.98 0.99 0.00	19.11 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.68 1.34 0.00	29.43 1.57 0.00	22.87 1.31 0.00	29.50 1.54 0.00	22.25 0.97 0.00	22.43 0.90 0.00	22.78 0.90 0.00
EAST HAMPTON___GT 23717	20.25 2.04 0.00	17.75 1.81 0.00	16.79 1.64 0.00	17.10 1.50 0.00	18.70 1.52 0.00	21.20 1.74 0.00	21.38 1.70 0.00	23.33 2.04 0.00	32.26 2.60 0.00	23.37 1.55 0.00	20.61 1.55 0.00	22.24 1.24 0.00	20.04 1.05 0.00	19.10 0.99 0.00	18.83 1.01 -0.46	21.74 1.52 -2.13	20.92 1.46 0.00	27.17 1.83 0.00	29.68 1.82 0.00	23.12 1.56 0.00	29.88 1.91 0.00	22.61 1.33 0.00	23.13 1.59 0.00	23.41 1.53 0.00
EAST RIVER___6 23660	19.50 1.28 0.00	17.08 1.14 0.00	16.21 1.06 0.00	16.58 0.98 0.00	18.05 0.86 0.00	20.46 1.00 0.00	20.80 1.12 0.00	22.66 1.37 0.00	31.31 1.66 0.00	23.01 1.20 0.00	20.09 1.03 0.00	22.00 1.00 0.00	20.01 1.01 0.00	19.14 1.03 0.00	18.40 1.05 0.00	19.29 1.20 0.00	20.67 1.21 0.00	26.78 1.43 0.00	29.48 1.62 0.00	22.88 1.32 0.00	29.53 1.56 0.00	22.24 0.96 0.00	22.45 0.92 0.00	22.79 0.91 0.00
EAST RIVER___7 23524	19.50 1.28 0.00	17.08 1.14 0.00	16.21 1.06 0.00	16.58 0.98 0.00	18.05 0.86 0.00	20.46 1.00 0.00	20.80 1.12 0.00	22.66 1.37 0.00	31.31 1.66 0.00	23.01 1.20 0.00	20.09 1.03 0.00	22.00 1.00 0.00	20.01 1.01 0.00	19.14 1.03 0.00	18.40 1.05 0.00	19.29 1.20 0.00	20.67 1.21 0.00	26.78 1.43 0.00	29.48 1.62 0.00	22.88 1.32 0.00	29.53 1.56 0.00	22.24 0.96 0.00	22.45 0.92 0.00	22.79 0.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.35 1.14 0.00	16.93 0.99 0.00	16.06 0.91 0.00	16.42 0.82 0.00	17.90 0.72 0.00	20.30 0.84 0.00	20.58 0.91 0.00	22.44 1.15 0.00	31.02 1.37 0.00	22.77 0.96 0.00	19.88 0.81 0.00	21.76 0.76 0.00	19.76 0.77 0.00	18.89 0.78 0.00	18.15 0.79 0.00	19.02 0.93 0.00	20.40 0.94 0.00	26.47 1.13 0.00	29.16 1.30 0.00	22.63 1.07 0.00	29.23 1.27 0.00	22.06 0.78 0.00	22.28 0.74 0.00	22.62 0.74 0.00
EAST_HAMPTON___DIESEL 23722	20.26 2.05 0.00	17.75 1.81 0.00	16.79 1.64 0.00	17.10 1.50 0.00	18.70 1.52 0.00	21.20 1.74 0.00	21.38 1.70 0.00	23.34 2.04 0.00	32.27 2.61 0.00	23.37 1.56 0.00	20.62 1.55 0.00	22.24 1.24 0.00	20.04 1.05 0.00	19.10 0.99 0.00	18.84 1.01 -0.46	21.74 1.52 -2.13	20.92 1.46 0.00	27.18 1.84 0.00	29.68 1.82 0.00	23.13 1.57 0.00	29.88 1.92 0.00	22.62 1.34 0.00	23.14 1.60 0.00	23.42 1.54 0.00
EAST_POINT___SOLAR 323840	19.31 1.10 0.00	16.77 0.82 0.00	15.94 0.78 0.00	16.43 0.83 0.00	18.25 1.07 0.00	20.78 1.33 0.00	21.04 1.37 0.00	22.79 1.50 0.00	31.82 2.16 0.00	23.42 1.61 0.00	20.32 1.25 0.00	22.40 1.40 0.00	20.34 1.34 0.00	19.45 1.35 0.00	18.51 1.16 0.00	19.25 1.16 0.00	20.59 1.13 0.00	26.72 1.38 0.00	29.75 1.89 0.00	23.23 1.67 0.00	30.34 2.37 0.00	23.05 1.77 0.00	23.37 1.83 0.00	23.81 1.93 0.00
EAST_PULASKI___ESR 323781	17.98 -0.24 0.00	15.63 -0.31 0.00	14.77 -0.38 0.00	15.27 -0.33 0.00	16.81 -0.37 0.00	19.03 -0.43 0.00	19.26 -0.41 0.00	20.87 -0.43 0.00	29.16 -0.50 0.00	21.57 -0.24 0.00	18.78 -0.29 0.00	20.70 -0.30 0.00	18.70 -0.30 0.00	17.85 -0.26 0.00	17.05 -0.31 0.00	17.72 -0.37 0.00	18.96 -0.50 0.00	24.72 -0.62 0.00	27.26 -0.60 0.00	21.32 -0.24 0.00	27.87 -0.10 0.00	21.17 -0.11 0.00	21.37 -0.17 0.00	21.74 -0.14 0.00
EAST_RIVER___1 323558	19.46 1.25 0.00	17.05 1.11 0.00	16.19 1.04 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.61 1.32 0.00	31.23 1.57 0.00	22.95 1.14 0.00	20.03 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.24 1.15 0.00	20.61 1.15 0.00	26.69 1.35 0.00	29.40 1.54 0.00	22.82 1.25 0.00	29.46 1.49 0.00	22.19 0.91 0.00	22.40 0.87 0.00	22.74 0.86 0.00
EAST_RIVER___2 323559	19.50 1.28 0.00	17.08 1.14 0.00	16.21 1.06 0.00	16.58 0.98 0.00	18.05 0.86 0.00	20.46 1.00 0.00	20.80 1.12 0.00	22.66 1.37 0.00	31.31 1.66 0.00	23.01 1.20 0.00	20.09 1.03 0.00	22.00 1.00 0.00	20.01 1.01 0.00	19.14 1.03 0.00	18.40 1.05 0.00	19.29 1.20 0.00	20.67 1.21 0.00	26.78 1.43 0.00	29.48 1.62 0.00	22.88 1.32 0.00	29.53 1.56 0.00	22.24 0.96 0.00	22.45 0.92 0.00	22.79 0.91 0.00
EAST___DELAWARE_HYD 23607	18.80 0.59 0.00	16.53 0.59 0.00	15.69 0.54 0.00	16.07 0.47 0.00	17.58 0.40 0.00	19.98 0.52 0.00	20.28 0.61 0.00	22.09 0.81 0.00	30.52 0.86 0.00	22.26 0.45 0.00	19.37 0.30 0.00	21.24 0.27 0.02	19.32 0.33 0.00	18.48 0.37 0.00	17.81 0.45 0.00	18.68 0.59 0.00	19.89 0.43 0.00	26.01 0.67 0.00	28.81 0.95 0.00	22.37 0.80 0.00	28.94 0.97 0.00	21.85 0.57 0.00	22.06 0.52 0.00	22.40 0.52 0.00
EIGHT_POINT___WT_PWR 323820	17.36 -0.85 0.00	15.15 -0.79 0.00	14.64 -0.51 0.00	15.23 -0.36 0.00	16.71 -0.47 0.00	18.95 -0.51 0.00	19.47 -0.20 0.00	21.31 0.02 0.00	29.25 -0.41 0.00	21.70 -0.11 0.00	19.19 0.13 0.00	21.54 0.54 0.00	19.49 0.49 0.00	18.67 0.56 0.00	17.94 0.59 0.00	18.60 0.51 0.00	20.18 0.72 0.00	26.08 0.74 0.00	28.69 0.82 0.00	22.43 0.87 0.00	29.19 1.23 0.00	22.24 0.96 0.00	22.69 1.15 0.00	23.24 1.36 0.00
ELBRIDGE_115KV_TB2 80188	18.68 0.09 -0.37	16.01 0.05 -0.01	15.27 0.12 0.00	15.65 0.05 0.00	17.23 0.05 0.00	19.60 0.14 0.00	19.90 0.23 0.00	21.60 0.31 0.00	29.91 0.26 0.00	22.09 0.28 0.00	19.41 0.34 0.00	21.47 0.47 0.00	19.44 0.45 0.00	18.55 0.44 0.00	17.79 0.43 0.00	18.48 0.39 0.00	19.93 0.48 0.00	25.93 0.59 0.00	28.51 0.65 0.00	22.15 0.58 0.00	28.74 0.77 0.00	21.82 0.54 0.00	22.13 0.59 0.00	22.60 0.72 0.00
ELEC_TRO_TEK 24086	19.54 1.32 0.00	17.11 1.17 0.00	16.17 1.02 0.00	16.51 0.91 0.00	18.01 0.83 0.00	20.41 0.95 0.00	20.61 0.94 0.00	22.50 1.21 0.00	31.13 1.47 0.00	22.77 0.96 0.00	20.03 0.97 0.00	21.78 0.78 0.00	19.79 0.80 0.00	18.93 0.82 0.00	21.55 0.84 -3.35	25.22 1.15 -5.97	20.54 1.09 0.00	26.53 1.19 0.00	29.17 1.31 0.00	22.66 1.10 0.00	29.25 1.28 0.00	22.09 0.81 0.00	22.42 0.89 0.00	22.78 0.90 0.00

ELLENBURG_WT_PWR 323604	17.84 -0.37 0.00	15.62 -0.32 0.00	15.05 -0.10 0.00	15.77 0.17 0.00	17.34 0.16 0.00	19.29 -0.17 0.00	18.76 -0.91 0.00	20.41 -0.88 0.00	28.66 -1.00 0.00	-0.74 -0.90 21.65	-20.86 -0.82 39.11	20.40 -0.60 0.00	18.48 -0.51 0.00	17.45 -0.66 0.00	16.98 -0.38 0.00	17.30 -0.78 0.00	18.78 -0.68 0.00	24.56 -0.78 0.00	26.55 -1.31 0.00	20.68 -0.89 0.00	27.02 -0.95 0.00	20.82 -0.46 0.00	21.31 -0.22 0.00	21.72 -0.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.43 -1.04 1.74	15.02 -0.87 0.05	14.48 -0.68 0.00	14.87 -0.73 0.00	16.45 -0.73 0.00	18.76 -0.70 0.00	19.08 -0.60 0.00	20.75 -0.55 0.00	28.50 -1.15 0.00	21.23 -0.58 0.00	18.96 -0.11 0.00	21.13 0.13 0.00	19.21 0.21 0.00	18.36 0.25 0.00	17.65 0.29 0.00	18.19 0.10 0.00	19.73 0.27 0.00	25.49 0.15 0.00	27.73 -0.13 0.00	21.57 0.01 0.00	28.11 0.15 0.00	21.42 0.14 0.00	22.04 0.50 0.00	22.74 0.86 0.00
EMPIRE_CC_1 323656	18.74 0.53 0.00	16.44 0.50 0.00	15.63 0.48 0.00	16.03 0.43 0.00	17.39 0.21 0.00	19.60 0.14 0.00	19.82 0.15 0.00	21.40 0.11 0.00	29.67 0.01 0.00	21.78 -0.04 0.00	19.04 -0.02 0.00	20.48 -0.11 0.40	18.91 -0.08 0.00	18.05 -0.06 0.00	17.25 -0.11 0.00	18.03 -0.06 0.00	19.43 -0.03 0.00	25.21 -0.07 0.06	27.79 -0.07 0.00	21.52 -0.04 0.00	27.81 -0.16 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.63 -0.25 0.00
EMPIRE_CC_2 323658	18.74 0.53 0.00	16.44 0.50 0.00	15.63 0.48 0.00	16.03 0.43 0.00	17.39 0.21 0.00	19.60 0.14 0.00	19.82 0.15 0.00	21.40 0.11 0.00	29.67 0.01 0.00	21.78 -0.04 0.00	19.04 -0.02 0.00	20.48 -0.11 0.40	18.91 -0.08 0.00	18.05 -0.06 0.00	17.25 -0.11 0.00	18.03 -0.06 0.00	19.43 -0.03 0.00	25.21 -0.07 0.06	27.79 -0.07 0.00	21.52 -0.04 0.00	27.81 -0.16 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.63 -0.25 0.00
ENORWICH_115KV_TB1 80156	19.36 1.15 0.00	16.89 0.95 0.00	16.06 0.91 0.00	16.50 0.90 0.00	18.30 1.11 0.00	20.84 1.38 0.00	21.21 1.53 0.00	23.06 1.77 0.00	31.68 2.02 0.00	23.23 1.42 0.00	20.22 1.16 0.00	22.26 1.27 0.00	20.16 1.16 0.00	19.03 0.92 0.00	18.27 0.91 0.00	18.93 0.85 0.00	20.46 1.00 0.00	26.97 1.63 0.00	30.12 2.26 0.00	23.51 1.94 0.00	30.40 2.43 0.00	23.05 1.77 0.00	23.27 1.73 0.00	23.59 1.71 0.00
ERIE_ST_34_KV_TB1-2 80199	15.97 -0.58 1.66	15.42 -0.47 0.05	14.82 -0.33 0.00	15.19 -0.40 0.00	16.79 -0.40 0.00	19.13 -0.33 0.00	19.44 -0.23 0.00	21.18 -0.11 0.00	29.08 -0.58 0.00	21.63 -0.18 0.00	19.30 0.24 0.00	21.55 0.55 0.00	19.60 0.61 0.00	18.76 0.65 0.00	18.04 0.67 0.00	18.60 0.52 0.00	20.17 0.71 0.00	26.01 0.66 0.00	28.28 0.42 0.00	21.98 0.42 0.00	28.65 0.68 0.00	21.79 0.50 0.00	22.43 0.89 0.00	23.17 1.28 0.00
ERIE_WT_PWR 323693	15.67 -0.87 1.68	15.16 -0.73 0.05	14.57 -0.59 0.00	14.98 -0.61 0.00	16.55 -0.63 0.00	18.90 -0.56 0.00	19.21 -0.46 0.00	20.93 -0.36 0.00	28.76 -0.90 0.00	21.40 -0.41 0.00	19.10 0.04 0.00	21.30 0.30 0.00	19.35 0.36 0.00	18.52 0.41 0.00	17.80 0.45 0.00	18.36 0.28 0.00	19.92 0.47 0.00	25.71 0.37 0.00	27.99 0.13 0.00	21.78 0.21 0.00	28.36 0.40 0.00	21.61 0.33 0.00	22.22 0.68 0.00	22.93 1.05 0.00
ESPRGFLD_115KV_TB1 80157	19.19 0.97 0.00	16.69 0.74 0.00	15.87 0.71 0.00	16.30 0.71 0.00	18.08 0.90 0.00	20.61 1.16 0.00	20.88 1.21 0.00	22.64 1.35 0.00	31.51 1.85 0.00	23.20 1.39 0.00	20.21 1.14 0.00	22.28 1.28 0.00	20.20 1.20 0.00	19.31 1.21 0.00	18.45 1.09 0.00	19.18 1.09 0.00	20.57 1.11 0.00	26.68 1.35 0.00	29.65 1.78 0.00	23.11 1.55 0.00	30.09 2.13 0.00	22.82 1.54 0.00	23.14 1.60 0.00	23.58 1.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.84 0.34 -0.28	16.22 0.27 -0.01	15.44 0.29 0.00	15.82 0.23 0.00	17.42 0.24 0.00	19.80 0.34 0.00	20.11 0.43 0.00	21.86 0.57 0.00	30.19 0.53 0.00	22.22 0.41 0.00	19.48 0.41 0.00	21.52 0.52 0.00	19.50 0.50 0.00	18.61 0.50 0.00	17.85 0.49 0.00	18.57 0.48 0.00	20.04 0.58 0.00	26.07 0.73 0.00	28.72 0.86 0.00	22.35 0.78 0.00	28.99 1.02 0.00	22.00 0.72 0.00	22.30 0.76 0.00	22.70 0.82 0.00
ETNA____115KV_TB2 80207	18.84 0.34 -0.28	16.22 0.27 -0.01	15.44 0.29 0.00	15.82 0.23 0.00	17.42 0.24 0.00	19.80 0.34 0.00	20.11 0.43 0.00	21.86 0.57 0.00	30.19 0.53 0.00	22.22 0.41 0.00	19.48 0.41 0.00	21.52 0.52 0.00	19.50 0.50 0.00	18.61 0.50 0.00	17.85 0.49 0.00	18.57 0.48 0.00	20.04 0.58 0.00	26.07 0.73 0.00	28.72 0.86 0.00	22.35 0.78 0.00	28.99 1.02 0.00	22.00 0.72 0.00	22.30 0.76 0.00	22.70 0.82 0.00
EUCLID____115KV_TB2 356179	18.04 -0.18 0.00	15.77 -0.17 0.00	14.99 -0.16 0.00	15.40 -0.20 0.00	16.93 -0.25 0.00	19.22 -0.24 0.00	19.48 -0.19 0.00	21.13 -0.16 0.00	29.35 -0.31 0.00	21.63 -0.18 0.00	18.95 -0.12 0.00	20.89 -0.11 0.00	18.90 -0.09 0.00	18.03 -0.07 0.00	17.29 -0.08 0.00	18.00 -0.09 0.00	19.37 -0.09 0.00	25.22 -0.12 0.00	27.73 -0.13 0.00	21.52 -0.05 0.00	27.91 -0.06 0.00	21.20 -0.08 0.00	21.47 -0.07 0.00	21.83 -0.05 0.00
E_CANADA_CAP_HY 24051	19.27 1.06 0.00	16.73 0.79 0.00	15.91 0.75 0.00	16.41 0.80 0.00	18.23 1.05 0.00	20.76 1.30 0.00	21.01 1.33 0.00	22.73 1.44 0.00	31.75 2.10 0.00	23.38 1.57 0.00	20.29 1.23 0.00	22.37 1.37 0.00	20.31 1.32 0.00	19.43 1.32 0.00	18.50 1.14 0.00	19.25 1.16 0.00	20.58 1.12 0.00	26.68 1.34 0.00	29.70 1.84 0.00	23.18 1.62 0.00	30.28 2.31 0.00	23.01 1.73 0.00	23.34 1.80 0.00	23.79 1.91 0.00
E_CANADA_MHWK_HY 24050	18.40 0.19 0.00	16.15 0.21 0.00	15.33 0.17 0.00	15.67 0.07 0.00	17.11 -0.07 0.00	19.39 -0.07 0.00	19.73 0.06 0.00	21.47 0.18 0.00	29.71 0.05 0.00	21.58 -0.23 0.00	18.76 -0.31 0.00	20.67 -0.33 0.00	18.53 -0.46 0.00	17.68 -0.43 0.00	16.88 -0.48 0.00	17.63 -0.46 0.00	19.05 -0.41 0.00	24.93 -0.41 0.00	27.76 -0.11 0.00	21.56 0.00 0.00	27.95 -0.01 0.00	21.22 -0.06 0.00	21.40 -0.13 0.00	21.64 -0.24 0.00
E_FISHKILL____LBMP 23776	19.19 0.98 0.00	16.79 0.85 0.00	15.93 0.78 0.00	16.30 0.70 0.00	17.77 0.59 0.00	20.15 0.69 0.00	20.41 0.74 0.00	22.25 0.96 0.00	30.78 1.12 0.00	22.59 0.78 0.00	19.72 0.65 0.00	21.59 0.60 0.00	19.59 0.60 0.00	18.72 0.62 0.00	17.97 0.61 0.00	18.83 0.74 0.00	20.20 0.74 0.00	26.25 0.91 0.00	28.93 1.07 0.00	22.44 0.87 0.00	28.98 1.01 0.00	21.90 0.62 0.00	22.11 0.57 0.00	22.43 0.55 0.00
FALCON____SEABRD_CC1 323796	18.05 -0.16 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.42 0.24 0.00	19.22 -0.24 0.00	18.29 -1.38 0.00	19.94 -1.35 0.00	28.09 -1.57 0.00	-1.41 -1.26 21.96	-21.62 -1.02 39.67	20.15 -0.85 0.00	18.34 -0.65 0.00	17.25 -0.86 0.00	16.86 -0.50 0.00	17.15 -0.94 0.00	18.65 -0.81 0.00	24.37 -0.97 0.00	26.01 -1.85 0.00	20.28 -1.28 0.00	26.41 -1.56 0.00	20.47 -0.81 0.00	21.25 -0.29 0.00	21.68 -0.20 0.00

FALCON___SEABRD_CC2 323797	18.05 -0.16 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.42 0.24 0.00	19.22 -0.24 0.00	18.29 -1.38 0.00	19.94 -1.35 0.00	28.09 -1.57 0.00	-1.41 -1.26 21.96	-21.62 -1.02 39.67	20.15 -0.85 0.00	18.34 -0.65 0.00	17.25 -0.86 0.00	16.86 -0.50 0.00	17.15 -0.94 0.00	18.65 -0.81 0.00	24.37 -0.97 0.00	26.01 -1.85 0.00	20.28 -1.28 0.00	26.41 -1.56 0.00	20.47 -0.81 0.00	21.25 -0.29 0.00	21.68 -0.20 0.00
FAR ROCKAWAY___4 23548	19.75 1.54 0.00	17.29 1.35 0.00	16.35 1.20 0.00	16.68 1.08 0.00	18.21 1.03 0.00	20.62 1.17 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.45 1.79 0.00	23.01 1.20 0.00	20.26 1.20 0.00	21.99 0.99 0.00	20.00 1.01 0.00	19.13 1.03 0.00	25.91 1.05 -7.50	30.95 1.37 -11.49	20.76 1.31 0.00	26.81 1.46 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.58 1.61 0.00	22.35 1.07 0.00	22.69 1.16 0.00	23.05 1.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.45 1.24 0.00	17.04 1.10 0.00	16.18 1.03 0.00	16.55 0.95 0.00	18.01 0.83 0.00	20.42 0.96 0.00	20.74 1.07 0.00	22.59 1.30 0.00	31.20 1.55 0.00	22.93 1.12 0.00	20.02 0.96 0.00	21.91 0.91 0.00	19.93 0.93 0.00	19.07 0.96 0.00	18.34 0.97 0.00	19.22 1.13 0.00	20.60 1.14 0.00	26.68 1.34 0.00	29.38 1.52 0.00	22.81 1.25 0.00	29.46 1.49 0.00	22.18 0.90 0.00	22.39 0.85 0.00	22.74 0.86 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.46 1.25 0.00	17.06 1.12 0.00	16.19 1.04 0.00	16.55 0.95 0.00	18.03 0.85 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.61 1.32 0.00	31.23 1.57 0.00	22.94 1.13 0.00	20.03 0.97 0.00	21.92 0.93 0.00	19.94 0.94 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.60 1.15 0.00	26.69 1.35 0.00	29.39 1.53 0.00	22.82 1.26 0.00	29.46 1.50 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.75 0.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.44 1.23 0.00	17.04 1.10 0.00	16.18 1.02 0.00	16.54 0.94 0.00	18.01 0.83 0.00	20.42 0.96 0.00	20.74 1.06 0.00	22.59 1.30 0.00	31.20 1.55 0.00	22.93 1.12 0.00	20.02 0.95 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.33 0.97 0.00	19.22 1.13 0.00	20.59 1.13 0.00	26.66 1.32 0.00	29.37 1.51 0.00	22.80 1.24 0.00	29.43 1.46 0.00	22.17 0.89 0.00	22.38 0.85 0.00	22.73 0.85 0.00
FARRAGUT___LBMP 323566	19.44 1.23 0.00	17.03 1.09 0.00	16.17 1.02 0.00	16.53 0.93 0.00	18.00 0.82 0.00	20.40 0.95 0.00	20.72 1.05 0.00	22.57 1.28 0.00	31.17 1.52 0.00	22.91 1.10 0.00	20.00 0.93 0.00	21.89 0.89 0.00	19.90 0.91 0.00	19.04 0.94 0.00	18.31 0.94 0.00	19.20 1.11 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.35 1.49 0.00	22.78 1.22 0.00	29.41 1.45 0.00	22.15 0.87 0.00	22.37 0.83 0.00	22.72 0.84 0.00
FENNER___WINDPWR 24204	18.75 0.54 0.00	16.36 0.41 0.00	15.50 0.35 0.00	15.94 0.34 0.00	17.56 0.38 0.00	19.94 0.48 0.00	20.24 0.57 0.00	21.93 0.64 0.00	30.52 0.86 0.00	22.50 0.69 0.00	19.62 0.56 0.00	21.63 0.63 0.00	19.54 0.55 0.00	18.68 0.57 0.00	17.85 0.49 0.00	18.61 0.52 0.00	20.02 0.56 0.00	26.10 0.76 0.00	28.83 0.97 0.00	22.41 0.85 0.00	29.14 1.18 0.00	22.09 0.81 0.00	22.30 0.76 0.00	22.62 0.74 0.00
FIBERTEK___ENERGY 23856	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00
FITZPATRICK____ 23598	17.72 -0.49 0.00	15.51 -0.44 0.00	14.74 -0.41 0.00	15.16 -0.43 0.00	16.68 -0.50 0.00	18.91 -0.55 0.00	19.15 -0.52 0.00	20.76 -0.53 0.00	28.85 -0.81 0.00	21.25 -0.56 0.00	18.61 -0.46 0.00	20.51 -0.49 0.00	18.56 -0.43 0.00	17.70 -0.41 0.00	16.96 -0.40 0.00	17.67 -0.42 0.00	19.01 -0.45 0.00	24.75 -0.59 0.00	27.22 -0.64 0.00	21.10 -0.46 0.00	27.37 -0.59 0.00	20.81 -0.47 0.00	21.07 -0.47 0.00	21.42 -0.46 0.00
FLOWRFLD_69_KV_BK1 356044	19.83 1.62 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.22 0.00	20.83 1.16 0.00	22.74 1.45 0.00	31.38 1.72 0.00	22.86 1.05 0.00	20.21 1.15 0.00	21.84 0.85 0.00	19.76 0.77 0.00	18.89 0.78 0.00	18.64 0.79 -0.49	21.56 1.31 -2.16	20.61 1.15 0.00	26.64 1.30 0.00	29.11 1.25 0.00	22.66 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.64 1.11 0.00	23.00 1.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.52 1.31 0.00	17.06 1.12 0.00	16.19 1.03 0.00	16.56 0.96 0.00	18.08 0.90 0.00	20.52 1.06 0.00	20.83 1.16 0.00	22.72 1.42 0.00	31.40 1.74 0.00	22.97 1.16 0.00	20.02 0.95 0.00	21.94 0.95 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.30 0.95 0.00	19.18 1.09 0.00	20.56 1.10 0.00	26.79 1.45 0.00	29.56 1.70 0.00	22.96 1.40 0.00	29.68 1.71 0.00	22.41 1.13 0.00	22.61 1.07 0.00	22.93 1.05 0.00
FORT ORANGE____ 23900	18.53 0.32 0.00	16.32 0.38 0.00	15.50 0.35 0.00	15.88 0.29 0.00	17.26 0.08 0.00	19.49 0.04 0.00	19.77 0.10 0.00	21.43 0.14 0.00	29.71 0.05 0.00	21.75 -0.06 0.00	19.01 -0.06 0.00	20.55 -0.15 0.30	18.93 -0.06 0.00	18.04 -0.07 0.00	17.22 -0.14 0.00	17.94 -0.14 0.00	19.33 -0.13 0.00	25.15 -0.15 0.04	27.78 -0.08 0.00	21.61 0.04 0.00	27.96 -0.01 0.00	21.23 -0.05 0.00	21.39 -0.15 0.00	21.67 -0.21 0.00
FORT_DRUM_COGEN 23780	18.18 -0.03 0.00	15.59 -0.35 0.00	14.51 -0.65 0.00	15.24 -0.36 0.00	16.86 -0.32 0.00	18.92 -0.54 0.00	19.16 -0.51 0.00	20.66 -0.63 0.00	29.29 -0.37 0.00	22.67 0.03 -0.83	20.20 -0.37 -1.50	20.69 -0.31 0.00	18.60 -0.39 0.00	17.78 -0.33 0.00	16.82 -0.53 0.00	17.45 -0.63 0.00	18.46 -1.00 0.00	24.11 -1.23 0.00	26.78 -1.08 0.00	21.32 -0.24 0.00	28.31 0.34 0.00	21.50 0.21 0.00	21.58 0.04 0.00	21.99 0.12 0.00
FOX_HILLS___ESR 323835	19.55 1.34 0.00	17.12 1.18 0.00	16.27 1.12 0.00	16.72 1.12 0.00	18.22 1.03 0.00	20.65 1.19 0.00	20.89 1.22 0.00	22.68 1.39 0.00	31.29 1.63 0.00	22.98 1.17 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.90 0.91 0.00	19.04 0.94 0.00	18.34 0.98 0.00	19.22 1.13 0.00	20.56 1.10 0.00	26.69 1.35 0.00	29.45 1.59 0.00	22.88 1.32 0.00	29.55 1.59 0.00	22.27 0.99 0.00	22.50 0.96 0.00	22.85 0.97 0.00
FPL FAR_ROCK_GT1 24212	19.76 1.54 0.00	17.29 1.35 0.00	16.35 1.20 0.00	16.68 1.08 0.00	18.21 1.03 0.00	20.62 1.17 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.45 1.80 0.00	23.01 1.20 0.00	20.27 1.20 0.00	21.99 0.99 0.00	20.00 1.01 0.00	19.13 1.02 0.00	25.91 1.05 -7.50	30.94 1.37 -11.49	20.76 1.30 0.00	26.81 1.46 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.58 1.61 0.00	22.35 1.07 0.00	22.69 1.16 0.00	23.05 1.17 0.00

FPL FAR_ROCK_GT2 23815	19.76 1.54 0.00	17.29 1.35 0.00	16.35 1.20 0.00	16.68 1.08 0.00	18.21 1.03 0.00	20.62 1.17 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.45 1.80 0.00	23.01 1.20 0.00	20.27 1.20 0.00	21.99 0.99 0.00	20.00 1.01 0.00	19.13 1.02 0.00	25.91 1.05 -7.50	30.94 1.37 -11.49	20.76 1.30 0.00	26.81 1.46 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.58 1.61 0.00	22.35 1.07 0.00	22.69 1.16 0.00	23.05 1.17 0.00
FRANKLIN_FALL_HYD 24054	17.87 -0.34 0.00	15.63 -0.31 0.00	15.01 -0.15 0.00	15.70 0.10 0.00	17.35 0.16 0.00	19.41 -0.05 0.00	19.14 -0.54 0.00	20.79 -0.51 0.00	29.19 -0.47 0.00	34.88 -0.44 -13.51	43.04 -0.42 -24.39	20.78 -0.22 0.00	18.75 -0.24 0.00	17.77 -0.33 0.00	17.17 -0.18 0.00	17.57 -0.52 0.00	18.98 -0.48 0.00	24.80 -0.54 0.00	27.02 -0.84 0.00	21.07 -0.49 0.00	27.60 -0.37 0.00	21.19 -0.09 0.00	21.54 0.00 0.00	21.90 0.02 0.00
FREEPORT_EQUS_GT1 23764	19.65 1.44 0.00	17.20 1.26 0.00	16.25 1.10 0.00	16.58 0.99 0.00	18.10 0.92 0.00	20.51 1.06 0.00	20.70 1.03 0.00	22.60 1.32 0.00	31.28 1.63 0.00	22.87 1.06 0.00	20.13 1.06 0.00	21.83 0.83 0.00	19.84 0.84 0.00	18.96 0.85 0.00	21.21 0.87 -2.98	24.82 1.25 -5.48	20.63 1.17 0.00	26.61 1.27 0.00	29.24 1.38 0.00	22.73 1.16 0.00	29.35 1.38 0.00	22.18 0.90 0.00	22.54 1.01 0.00	22.90 1.03 0.00
FREEPORT___CT2 23818	19.65 1.44 0.00	17.20 1.26 0.00	16.25 1.10 0.00	16.58 0.99 0.00	18.10 0.92 0.00	20.51 1.06 0.00	20.70 1.03 0.00	22.60 1.32 0.00	31.28 1.63 0.00	22.87 1.06 0.00	20.13 1.06 0.00	21.83 0.83 0.00	19.84 0.84 0.00	18.96 0.85 0.00	21.21 0.87 -2.98	24.82 1.25 -5.48	20.63 1.17 0.00	26.61 1.27 0.00	29.24 1.38 0.00	22.73 1.16 0.00	29.35 1.38 0.00	22.18 0.90 0.00	22.54 1.01 0.00	22.90 1.03 0.00
FRESHKLS_33_KV_LOAD 356253	19.57 1.35 0.00	17.13 1.19 0.00	16.31 1.16 0.00	16.81 1.22 0.00	18.32 1.14 0.00	20.78 1.32 0.00	20.95 1.28 0.00	22.68 1.39 0.00	31.26 1.60 0.00	22.95 1.14 0.00	19.97 0.90 0.00	21.85 0.86 0.00	19.84 0.85 0.00	18.98 0.88 0.00	18.30 0.94 0.00	19.18 1.09 0.00	20.50 1.04 0.00	26.63 1.29 0.00	29.41 1.54 0.00	22.87 1.30 0.00	29.54 1.58 0.00	22.26 0.98 0.00	22.50 0.97 0.00	22.86 0.98 0.00
FULTON COGEN____ 23766	17.89 -0.31 0.00	15.64 -0.30 0.00	14.86 -0.29 0.00	15.27 -0.33 0.00	16.80 -0.38 0.00	19.07 -0.39 0.00	19.33 -0.34 0.00	20.96 -0.34 0.00	29.13 -0.53 0.00	21.46 -0.35 0.00	18.79 -0.27 0.00	20.71 -0.28 0.00	18.75 -0.24 0.00	17.86 -0.24 0.00	17.12 -0.23 0.00	17.83 -0.26 0.00	19.16 -0.30 0.00	25.00 -0.34 0.00	27.50 -0.36 0.00	21.35 -0.21 0.00	27.69 -0.28 0.00	21.03 -0.25 0.00	21.28 -0.26 0.00	21.63 -0.24 0.00
FULTON___LFGE 323630	20.27 2.06 0.00	17.60 1.66 0.00	16.68 1.52 0.00	17.21 1.61 0.00	19.12 1.94 0.00	21.99 2.53 0.00	22.40 2.73 0.00	24.37 3.08 0.00	33.70 4.04 0.00	24.56 2.75 0.00	21.28 2.21 0.00	23.55 2.55 0.00	21.22 2.23 0.00	20.39 2.29 0.00	19.21 1.85 0.00	19.97 1.88 0.00	21.28 1.82 0.00	27.74 2.40 0.00	31.36 3.50 0.00	24.82 3.25 0.00	32.49 4.53 0.00	24.58 3.30 0.00	24.78 3.24 0.00	25.20 3.32 0.00
G.F.CEMENT___DRP 24184	18.79 0.58 0.00	16.39 0.45 0.00	15.59 0.44 0.00	16.07 0.47 0.00	17.50 0.32 0.00	19.93 0.47 0.00	20.21 0.53 0.00	22.01 0.72 0.00	30.62 0.96 0.00	22.37 0.56 0.00	19.38 0.32 0.00	21.52 0.31 -0.21	19.28 0.29 0.00	18.31 0.20 0.00	17.51 0.15 0.00	18.36 0.28 0.00	19.91 0.45 0.00	26.14 0.77 -0.03	28.75 0.89 0.00	22.26 0.70 0.00	28.71 0.75 0.00	21.84 0.56 0.00	21.92 0.38 0.00	22.10 0.22 0.00
GARDENVILLE___LBMP 24039	15.61 -0.93 1.67	15.11 -0.78 0.05	14.55 -0.61 0.00	14.93 -0.66 0.00	16.51 -0.67 0.00	18.84 -0.62 0.00	19.16 -0.51 0.00	20.85 -0.44 0.00	28.64 -1.02 0.00	21.32 -0.49 0.00	19.04 -0.03 0.00	21.23 0.23 0.00	19.28 0.29 0.00	18.44 0.33 0.00	17.73 0.38 0.00	18.27 0.19 0.00	19.83 0.37 0.00	25.61 0.27 0.00	27.88 0.02 0.00	21.68 0.12 0.00	28.25 0.28 0.00	21.52 0.24 0.00	22.13 0.60 0.00	22.84 0.96 0.00
GARDNVLA_35_KV_LD 355827	15.67 -0.86 1.68	15.16 -0.73 0.05	14.61 -0.54 0.00	14.99 -0.60 0.00	16.56 -0.62 0.00	18.90 -0.55 0.00	19.24 -0.43 0.00	20.95 -0.35 0.00	28.77 -0.88 0.00	21.43 -0.39 0.00	19.13 0.06 0.00	21.33 0.33 0.00	19.37 0.38 0.00	18.53 0.42 0.00	17.82 0.46 0.00	18.37 0.28 0.00	19.93 0.47 0.00	25.74 0.39 0.00	28.01 0.15 0.00	21.78 0.22 0.00	28.38 0.41 0.00	21.62 0.34 0.00	22.24 0.70 0.00	22.94 1.06 0.00
GELCKHM___115KV_LOAD 80723	18.14 -0.07 0.00	15.86 -0.08 0.00	15.09 -0.07 0.00	15.50 -0.11 0.00	17.04 -0.14 0.00	19.35 -0.11 0.00	19.62 -0.05 0.00	21.29 0.00 0.00	29.56 -0.10 0.00	21.79 -0.02 0.00	19.11 0.04 0.00	21.08 0.08 0.00	19.07 0.08 0.00	18.20 0.09 0.00	17.44 0.09 0.00	18.15 0.07 0.00	19.55 0.09 0.00	25.45 0.11 0.00	27.98 0.12 0.00	21.72 0.16 0.00	28.17 0.21 0.00	21.40 0.12 0.00	21.67 0.13 0.00	22.06 0.18 0.00
GENERAL___MILLS 23808	15.65 -0.88 1.68	15.15 -0.73 0.05	14.60 -0.56 0.00	14.98 -0.62 0.00	16.56 -0.63 0.00	18.89 -0.57 0.00	19.21 -0.46 0.00	20.91 -0.38 0.00	28.73 -0.93 0.00	21.38 -0.43 0.00	19.10 0.03 0.00	21.29 0.29 0.00	19.34 0.35 0.00	18.50 0.39 0.00	17.79 0.43 0.00	18.34 0.25 0.00	19.89 0.43 0.00	25.69 0.35 0.00	27.96 0.10 0.00	21.74 0.18 0.00	28.33 0.37 0.00	21.59 0.31 0.00	22.20 0.66 0.00	22.90 1.02 0.00
GE_PLASTICS___DRP 24183	18.56 0.35 0.00	16.30 0.36 0.00	15.48 0.33 0.00	15.87 0.27 0.00	17.29 0.11 0.00	19.55 0.10 0.00	19.80 0.13 0.00	21.46 0.17 0.00	29.79 0.13 0.00	21.85 0.04 0.00	19.09 0.03 0.00	20.77 -0.04 0.19	19.01 0.02 0.00	18.12 0.01 0.00	17.34 -0.02 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.30 -0.01 0.03	27.91 0.05 0.00	21.66 0.10 0.00	28.02 0.06 0.00	21.28 0.00 0.00	21.47 -0.07 0.00	21.77 -0.11 0.00
GILBOA___1 23756	18.76 0.55 0.00	16.43 0.49 0.00	15.60 0.45 0.00	15.95 0.35 0.00	17.44 0.25 0.00	19.74 0.29 0.00	20.00 0.33 0.00	21.69 0.40 0.00	30.11 0.45 0.00	22.11 0.31 0.00	19.32 0.26 0.00	21.23 0.23 0.00	19.23 0.24 0.00	18.35 0.24 0.00	17.59 0.23 0.00	18.38 0.29 0.00	19.76 0.30 0.00	25.67 0.33 0.00	28.25 0.39 0.00	21.91 0.34 0.00	28.34 0.38 0.00	21.54 0.26 0.00	21.76 0.22 0.00	22.10 0.22 0.00
GILBOA___2 23757	18.76 0.55 0.00	16.43 0.49 0.00	15.60 0.45 0.00	15.95 0.35 0.00	17.44 0.25 0.00	19.74 0.29 0.00	20.00 0.33 0.00	21.69 0.40 0.00	30.11 0.45 0.00	22.11 0.31 0.00	19.32 0.26 0.00	21.23 0.23 0.00	19.23 0.24 0.00	18.35 0.24 0.00	17.59 0.23 0.00	18.38 0.29 0.00	19.76 0.30 0.00	25.67 0.33 0.00	28.25 0.39 0.00	21.91 0.34 0.00	28.34 0.38 0.00	21.54 0.26 0.00	21.76 0.22 0.00	22.10 0.22 0.00

GILBOA___3 23758	18.76 0.55 0.00	16.43 0.49 0.00	15.60 0.45 0.00	15.95 0.35 0.00	17.44 0.25 0.00	19.74 0.29 0.00	20.00 0.33 0.00	21.69 0.40 0.00	30.11 0.45 0.00	22.11 0.31 0.00	19.32 0.26 0.00	21.23 0.23 0.00	19.23 0.24 0.00	18.35 0.24 0.00	17.59 0.23 0.00	18.38 0.29 0.00	19.76 0.30 0.00	25.67 0.33 0.00	28.25 0.39 0.00	21.91 0.34 0.00	28.34 0.38 0.00	21.54 0.26 0.00	21.76 0.22 0.00	22.10 0.22 0.00
GILBOA___4 23759	18.76 0.55 0.00	16.43 0.49 0.00	15.60 0.45 0.00	15.95 0.35 0.00	17.44 0.25 0.00	19.74 0.29 0.00	20.00 0.33 0.00	21.69 0.40 0.00	30.11 0.45 0.00	22.11 0.31 0.00	19.32 0.26 0.00	21.23 0.23 0.00	19.23 0.24 0.00	18.35 0.24 0.00	17.59 0.23 0.00	18.38 0.29 0.00	19.76 0.30 0.00	25.67 0.33 0.00	28.25 0.39 0.00	21.91 0.34 0.00	28.34 0.38 0.00	21.54 0.26 0.00	21.76 0.22 0.00	22.10 0.22 0.00
GILBOA___ 23599	18.76 0.55 0.00	16.43 0.49 0.00	15.60 0.45 0.00	15.95 0.36 0.00	17.44 0.25 0.00	19.74 0.29 0.00	20.00 0.33 0.00	21.69 0.40 0.00	30.10 0.45 0.00	22.11 0.31 0.00	19.32 0.26 0.00	21.23 0.23 0.00	19.23 0.24 0.00	18.35 0.24 0.00	17.59 0.23 0.00	18.38 0.29 0.00	19.76 0.31 0.00	25.67 0.33 0.00	28.25 0.39 0.00	21.91 0.34 0.00	28.34 0.38 0.00	21.54 0.26 0.00	21.76 0.22 0.00	22.10 0.22 0.00
GINNA___ 23603	13.47 -1.52 3.23	14.52 -1.32 0.10	13.98 -1.17 0.00	14.43 -1.17 0.00	15.95 -1.23 0.00	18.20 -1.26 0.00	18.50 -1.18 0.00	20.09 -1.20 0.00	27.75 -1.91 0.00	20.61 -1.20 0.00	18.31 -0.76 0.00	20.34 -0.66 0.00	18.48 -0.51 0.00	17.64 -0.46 0.00	16.91 -0.45 0.00	17.50 -0.58 0.00	18.90 -0.56 0.00	24.50 -0.84 0.00	26.75 -1.11 0.00	20.80 -0.77 0.00	27.07 -0.90 0.00	20.59 -0.69 0.00	20.98 -0.56 0.00	21.46 -0.42 0.00
GLEN PARK___ 23778	18.22 0.01 0.00	15.63 -0.31 0.00	14.55 -0.60 0.00	15.27 -0.32 0.00	16.89 -0.29 0.00	18.98 -0.48 0.00	19.23 -0.44 0.00	20.75 -0.54 0.00	29.41 -0.25 0.00	22.72 0.12 -0.79	20.22 -0.27 -1.42	20.77 -0.23 0.00	18.67 -0.32 0.00	17.82 -0.29 0.00	16.81 -0.55 0.00	17.43 -0.66 0.00	18.43 -1.03 0.00	24.11 -1.24 0.00	26.77 -1.10 0.00	21.37 -0.20 0.00	28.44 0.47 0.00	21.60 0.31 0.00	21.68 0.14 0.00	22.08 0.20 0.00
GLENDALE_27_KV_LOAD 356172	19.53 1.32 0.00	17.11 1.17 0.00	16.25 1.10 0.00	16.61 1.02 0.00	18.09 0.91 0.00	20.51 1.05 0.00	20.84 1.17 0.00	22.70 1.41 0.00	31.37 1.72 0.00	23.05 1.24 0.00	20.12 1.05 0.00	22.03 1.03 0.00	20.03 1.03 0.00	19.15 1.04 0.00	18.42 1.06 0.00	19.31 1.22 0.00	20.68 1.22 0.00	26.79 1.45 0.00	29.52 1.66 0.00	22.92 1.36 0.00	29.59 1.62 0.00	22.29 1.01 0.00	22.49 0.95 0.00	22.83 0.95 0.00
GLENWOOD_IC_1_G5 23712	19.54 1.33 0.00	17.10 1.16 0.00	16.18 1.03 0.00	16.52 0.92 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.68 1.01 0.00	22.57 1.28 0.00	31.22 1.57 0.00	22.87 1.06 0.00	20.07 1.00 0.00	21.88 0.88 0.00	19.88 0.89 0.00	19.01 0.90 0.00	20.30 0.91 -2.03	23.50 1.20 -4.21	20.64 1.18 0.00	26.63 1.29 0.00	29.30 1.44 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.20 0.92 0.00	22.53 0.99 0.00	22.89 1.01 0.00
GLENWOOD_IC_2_G1 23688	19.46 1.25 0.00	17.03 1.09 0.00	16.12 0.97 0.00	16.46 0.86 0.00	17.96 0.78 0.00	20.37 0.91 0.00	20.63 0.96 0.00	22.50 1.21 0.00	31.12 1.46 0.00	22.80 0.98 0.00	19.98 0.91 0.00	21.80 0.80 0.00	19.81 0.82 0.00	18.94 0.83 0.00	19.15 0.84 -0.95	21.97 1.12 -2.76	20.58 1.12 0.00	26.56 1.22 0.00	29.23 1.37 0.00	22.71 1.15 0.00	29.33 1.36 0.00	22.15 0.87 0.00	22.49 0.95 0.00	22.85 0.96 0.00
GLENWOOD_IC_3_G1 23689	19.46 1.25 0.00	17.03 1.09 0.00	16.12 0.97 0.00	16.46 0.86 0.00	17.96 0.78 0.00	20.37 0.91 0.00	20.63 0.96 0.00	22.50 1.21 0.00	31.12 1.46 0.00	22.80 0.98 0.00	19.98 0.91 0.00	21.80 0.80 0.00	19.81 0.82 0.00	18.94 0.83 0.00	19.15 0.84 -0.95	21.97 1.12 -2.76	20.58 1.12 0.00	26.56 1.22 0.00	29.23 1.37 0.00	22.71 1.15 0.00	29.33 1.36 0.00	22.15 0.87 0.00	22.49 0.95 0.00	22.85 0.96 0.00
GLENWOOD___4 23550	19.54 1.33 0.00	17.10 1.16 0.00	16.18 1.03 0.00	16.52 0.92 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.68 1.01 0.00	22.57 1.28 0.00	31.22 1.57 0.00	22.87 1.06 0.00	20.07 1.00 0.00	21.88 0.88 0.00	19.88 0.89 0.00	19.01 0.90 0.00	20.30 0.91 -2.03	23.50 1.20 -4.21	20.64 1.18 0.00	26.63 1.29 0.00	29.30 1.44 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.20 0.92 0.00	22.53 0.99 0.00	22.89 1.01 0.00
GLENWOOD___5 23614	19.54 1.33 0.00	17.10 1.16 0.00	16.18 1.03 0.00	16.52 0.92 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.68 1.01 0.00	22.57 1.28 0.00	31.22 1.57 0.00	22.87 1.06 0.00	20.07 1.00 0.00	21.88 0.88 0.00	19.88 0.89 0.00	19.01 0.90 0.00	20.30 0.91 -2.03	23.50 1.20 -4.21	20.64 1.18 0.00	26.63 1.29 0.00	29.30 1.44 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.20 0.92 0.00	22.53 0.99 0.00	22.89 1.01 0.00
GLOBAL GREEN_PORT_GT1 23814	20.22 2.01 0.00	17.72 1.78 0.00	16.76 1.61 0.00	17.07 1.47 0.00	18.67 1.48 0.00	21.16 1.70 0.00	21.33 1.66 0.00	23.29 2.00 0.00	32.21 2.55 0.00	23.33 1.52 0.00	20.58 1.51 0.00	22.20 1.20 0.00	20.00 1.01 0.00	19.07 0.97 0.00	18.81 0.98 -0.47	21.71 1.49 -2.13	20.88 1.43 0.00	27.14 1.80 0.00	29.63 1.77 0.00	23.08 1.52 0.00	29.82 1.85 0.00	22.57 1.29 0.00	23.09 1.55 0.00	23.38 1.50 0.00
GLOBE___DSASP 323697	14.45 -1.83 1.93	14.37 -1.51 0.06	13.89 -1.26 0.00	14.32 -1.27 0.00	15.89 -1.29 0.00	18.12 -1.34 0.00	18.40 -1.27 0.00	19.92 -1.37 0.00	27.36 -2.29 0.00	20.42 -1.39 0.00	18.26 -0.81 0.00	20.34 -0.65 0.00	18.50 -0.49 0.00	17.66 -0.45 0.00	16.97 -0.39 0.00	17.49 -0.60 0.00	18.96 -0.49 0.00	24.50 -0.84 0.00	26.62 -1.24 0.00	20.72 -0.84 0.00	27.01 -0.96 0.00	20.62 -0.66 0.00	21.26 -0.27 0.00	22.03 0.15 0.00
GOETHSLN___LBMP 323567	19.37 1.16 0.00	16.97 1.03 0.00	16.11 0.96 0.00	16.46 0.87 0.00	17.93 0.74 0.00	20.32 0.86 0.00	20.64 0.97 0.00	22.48 1.19 0.00	31.03 1.38 0.00	22.80 0.98 0.00	19.90 0.83 0.00	21.77 0.77 0.00	19.79 0.80 0.00	18.94 0.83 0.00	18.21 0.85 0.00	19.10 1.01 0.00	20.47 1.01 0.00	26.52 1.18 0.00	29.23 1.37 0.00	22.69 1.13 0.00	29.30 1.34 0.00	22.06 0.78 0.00	22.28 0.74 0.00	22.63 0.75 0.00
GOLAH___69_KV_TB 1_2 80279	15.05 -0.73 2.43	15.26 -0.61 0.07	14.70 -0.45 0.00	15.14 -0.45 0.00	16.75 -0.43 0.00	19.12 -0.34 0.00	19.45 -0.22 0.00	21.09 -0.20 0.00	29.05 -0.61 0.00	21.60 -0.21 0.00	19.22 0.15 0.00	21.38 0.38 0.00	19.44 0.44 0.00	18.55 0.44 0.00	17.80 0.44 0.00	18.39 0.30 0.00	19.91 0.46 0.00	25.82 0.48 0.00	28.16 0.30 0.00	21.90 0.33 0.00	28.53 0.56 0.00	21.72 0.44 0.00	22.20 0.66 0.00	22.76 0.88 0.00

GOODYEAR_LAKE_HYD 323669	19.00 0.79 0.00	16.59 0.64 0.00	15.76 0.61 0.00	16.16 0.56 0.00	17.81 0.62 0.00	20.25 0.80 0.00	20.54 0.87 0.00	22.31 1.02 0.00	30.95 1.29 0.00	22.76 0.94 0.00	19.88 0.81 0.00	21.89 0.89 0.00	19.82 0.83 0.00	18.92 0.82 0.00	18.13 0.77 0.00	18.87 0.78 0.00	20.28 0.82 0.00	26.37 1.03 0.00	29.17 1.31 0.00	22.69 1.13 0.00	29.42 1.45 0.00	22.31 1.03 0.00	22.58 1.04 0.00	22.97 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.73 0.52 0.00	16.36 0.42 0.00	15.57 0.42 0.00	15.90 0.30 0.00	17.46 0.27 0.00	19.84 0.38 0.00	20.10 0.43 0.00	21.95 0.66 0.00	30.19 0.53 0.00	22.18 0.37 0.00	19.52 0.45 0.00	21.58 0.58 0.00	19.58 0.59 0.00	18.67 0.57 0.00	17.96 0.60 0.00	18.49 0.40 0.00	19.86 0.40 0.00	25.78 0.44 0.00	28.33 0.47 0.00	22.01 0.45 0.00	28.52 0.55 0.00	21.66 0.38 0.00	22.03 0.49 0.00	22.47 0.59 0.00
GOUDEY___7 23579	18.74 0.53 0.00	16.37 0.43 0.00	15.58 0.43 0.00	15.91 0.31 0.00	17.47 0.29 0.00	19.85 0.39 0.00	20.11 0.44 0.00	21.96 0.67 0.00	30.21 0.56 0.00	22.20 0.39 0.00	19.54 0.47 0.00	21.60 0.60 0.00	19.59 0.60 0.00	18.69 0.58 0.00	17.97 0.62 0.00	18.50 0.42 0.00	19.88 0.42 0.00	25.81 0.47 0.00	28.36 0.50 0.00	22.03 0.47 0.00	28.55 0.58 0.00	21.68 0.40 0.00	22.05 0.52 0.00	22.49 0.61 0.00
GOUDEY___8 23580	18.73 0.52 0.00	16.36 0.42 0.00	15.57 0.42 0.00	15.90 0.30 0.00	17.46 0.27 0.00	19.84 0.38 0.00	20.10 0.43 0.00	21.95 0.66 0.00	30.19 0.53 0.00	22.18 0.37 0.00	19.52 0.45 0.00	21.58 0.58 0.00	19.58 0.59 0.00	18.67 0.57 0.00	17.96 0.60 0.00	18.49 0.40 0.00	19.86 0.40 0.00	25.78 0.44 0.00	28.33 0.47 0.00	22.01 0.45 0.00	28.52 0.55 0.00	21.66 0.38 0.00	22.03 0.49 0.00	22.47 0.59 0.00
GOWANUS_GT1_1 24077	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_2 24078	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_3 24079	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_4 24080	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_5 24084	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_6 24111	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_7 24112	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT1_8 24113	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_1 24114	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_2 24115	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_3 24116	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00

GOWANUS_GT2_4 24117	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_5 24118	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_6 24119	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_7 24120	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT2_8 24121	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_1 24122	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_2 24123	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_3 24124	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_4 24125	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_5 24126	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_6 24127	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_7 24128	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT3_8 24129	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_1 24130	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_2 24131	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00

GOWANUS_GT4_3 24132	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_4 24133	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_5 24134	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_6 24135	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_7 24136	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GOWANUS_GT4_8 24137	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GREENBSH_115KV_TB3 55895	18.44 0.23 0.00	16.25 0.31 0.00	15.42 0.27 0.00	15.82 0.22 0.00	17.17 -0.01 0.00	19.39 -0.07 0.00	19.65 -0.03 0.00	21.29 0.00 0.00	29.53 -0.13 0.00	21.65 -0.16 0.00	18.95 -0.12 0.00	20.48 -0.20 0.31	18.86 -0.13 0.00	17.99 -0.12 0.00	17.17 -0.18 0.00	17.92 -0.17 0.00	19.29 -0.17 0.00	25.07 -0.23 0.04	27.66 -0.20 0.00	21.47 -0.09 0.00	27.76 -0.20 0.00	21.08 -0.20 0.00	21.25 -0.29 0.00	21.54 -0.35 0.00
GREENDGE_115KV_TB5 80291	21.05 -0.18 -3.02	15.84 -0.19 -0.09	15.08 -0.08 0.00	15.52 -0.08 0.00	17.08 -0.10 0.00	19.45 -0.01 0.00	19.85 0.18 0.00	21.63 0.34 0.00	29.56 -0.10 0.00	21.95 0.14 0.00	19.39 0.32 0.00	21.60 0.60 0.00	19.57 0.58 0.00	18.71 0.60 0.00	17.98 0.62 0.00	18.64 0.55 0.00	20.18 0.73 0.00	26.16 0.82 0.00	28.74 0.88 0.00	22.38 0.82 0.00	28.88 0.92 0.00	22.10 0.82 0.00	22.50 0.96 0.00	22.98 1.10 0.00
GREENIDGE___3 23582	21.05 -0.18 -3.02	15.84 -0.19 -0.09	15.08 -0.08 0.00	15.52 -0.08 0.00	17.08 -0.10 0.00	19.45 -0.01 0.00	19.85 0.18 0.00	21.63 0.34 0.00	29.56 -0.10 0.00	21.95 0.14 0.00	19.39 0.32 0.00	21.60 0.60 0.00	19.57 0.58 0.00	18.71 0.60 0.00	17.98 0.62 0.00	18.64 0.55 0.00	20.18 0.73 0.00	26.16 0.82 0.00	28.74 0.88 0.00	22.38 0.82 0.00	28.88 0.92 0.00	22.10 0.82 0.00	22.50 0.96 0.00	22.98 1.10 0.00
GREENIDGE___4 23583	21.06 -0.18 -3.02	15.84 -0.19 -0.09	15.06 -0.09 0.00	15.52 -0.08 0.00	17.08 -0.10 0.00	19.45 -0.01 0.00	19.85 0.17 0.00	21.63 0.33 0.00	29.56 -0.10 0.00	21.95 0.14 0.00	19.38 0.32 0.00	21.60 0.60 0.00	19.57 0.58 0.00	18.71 0.61 0.00	17.98 0.62 0.00	18.64 0.55 0.00	20.19 0.73 0.00	26.16 0.82 0.00	28.75 0.89 0.00	22.39 0.83 0.00	28.88 0.92 0.00	22.10 0.82 0.00	22.50 0.96 0.00	22.98 1.10 0.00
GREENLWN_69_KV_BK 3 55738	19.62 1.41 0.00	17.19 1.25 0.00	16.25 1.10 0.00	16.56 0.96 0.00	18.08 0.90 0.00	20.46 1.00 0.00	20.61 0.94 0.00	22.49 1.21 0.00	31.12 1.46 0.00	22.72 0.91 0.00	20.05 0.98 0.00	21.76 0.76 0.00	19.76 0.76 0.00	18.88 0.77 0.00	18.70 0.79 -0.55	21.51 1.18 -2.24	20.54 1.08 0.00	26.47 1.13 0.00	29.03 1.17 0.00	22.56 1.00 0.00	29.11 1.14 0.00	22.00 0.72 0.00	22.42 0.89 0.00	22.81 0.93 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
GRISSOM___SOLAR 323813	20.27 2.06 0.00	17.60 1.66 0.00	16.68 1.52 0.00	17.21 1.61 0.00	19.12 1.94 0.00	21.99 2.53 0.00	22.40 2.73 0.00	24.37 3.08 0.00	33.70 4.04 0.00	24.56 2.75 0.00	21.28 2.21 0.00	23.55 2.55 0.00	21.22 2.23 0.00	20.39 2.29 0.00	19.21 1.85 0.00	19.97 1.88 0.00	21.28 1.82 0.00	27.74 2.40 0.00	31.36 3.50 0.00	24.82 3.25 0.00	32.49 4.53 0.00	24.58 3.30 0.00	24.78 3.24 0.00	25.20 3.32 0.00
GROVEVILLE___HYD 323602	19.52 1.31 0.00	17.06 1.12 0.00	16.19 1.03 0.00	16.56 0.96 0.00	18.08 0.90 0.00	20.52 1.06 0.00	20.83 1.16 0.00	22.72 1.42 0.00	31.40 1.74 0.00	22.97 1.16 0.00	20.02 0.95 0.00	21.94 0.95 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.30 0.95 0.00	19.18 1.09 0.00	20.56 1.10 0.00	26.79 1.45 0.00	29.56 1.70 0.00	22.96 1.40 0.00	29.68 1.71 0.00	22.41 1.13 0.00	22.61 1.07 0.00	22.93 1.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00

HAMLTNNY_34_KV_TB 80303	18.65 0.18 -0.26	16.08 0.13 -0.01	15.34 0.18 0.00	15.72 0.12 0.00	17.30 0.12 0.00	19.70 0.24 0.00	20.02 0.35 0.00	21.73 0.44 0.00	30.09 0.43 0.00	22.22 0.41 0.00	19.54 0.47 0.00	21.62 0.62 0.00	19.57 0.58 0.00	18.67 0.56 0.00	17.90 0.54 0.00	18.60 0.51 0.00	20.07 0.61 0.00	26.11 0.77 0.00	28.71 0.85 0.00	22.31 0.74 0.00	28.93 0.97 0.00	21.97 0.69 0.00	22.28 0.75 0.00	22.76 0.88 0.00
HAMPSHIRE___PAPER_HYD 323593	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	18.39 0.17 0.00	16.14 0.19 0.00	15.30 0.15 0.00	15.66 0.06 0.00	17.13 -0.05 0.00	19.41 -0.05 0.00	19.70 0.03 0.00	21.40 0.11 0.00	29.69 0.03 0.00	21.56 -0.25 0.00	18.71 -0.36 0.00	20.64 -0.36 0.00	18.51 -0.48 0.00	17.67 -0.44 0.00	16.87 -0.49 0.00	17.63 -0.46 0.00	19.02 -0.44 0.00	24.87 -0.48 0.00	27.73 -0.13 0.00	21.50 -0.07 0.00	27.89 -0.08 0.00	21.15 -0.13 0.00	21.38 -0.16 0.00	21.64 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.33 1.12 0.00	16.90 0.96 0.00	16.03 0.88 0.00	16.40 0.80 0.00	17.92 0.73 0.00	20.31 0.85 0.00	20.58 0.91 0.00	22.43 1.15 0.00	31.00 1.34 0.00	22.70 0.89 0.00	19.79 0.72 0.00	21.70 0.70 0.00	19.71 0.71 0.00	18.84 0.73 0.00	18.09 0.73 0.00	18.98 0.89 0.00	20.34 0.88 0.00	26.46 1.13 0.00	29.22 1.35 0.00	22.67 1.11 0.00	29.29 1.33 0.00	22.11 0.83 0.00	22.35 0.81 0.00	22.71 0.83 0.00
HARSNRAD_115KV_TB1 81005	14.89 -1.37 1.96	14.74 -1.14 0.06	14.24 -0.91 0.00	14.67 -0.93 0.00	16.26 -0.92 0.00	18.55 -0.90 0.00	18.86 -0.81 0.00	20.46 -0.83 0.00	28.11 -1.55 0.00	20.96 -0.85 0.00	18.74 -0.33 0.00	20.89 -0.11 0.00	18.98 -0.01 0.00	18.13 0.02 0.00	17.43 0.07 0.00	17.96 -0.13 0.00	19.47 0.02 0.00	25.16 -0.18 0.00	27.37 -0.50 0.00	21.30 -0.27 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.80 0.27 0.00	22.49 0.61 0.00
HARZA MOOSE___RIVER 24016	18.48 0.27 0.00	16.00 0.05 0.00	14.99 -0.16 0.00	15.63 0.03 0.00	17.26 0.08 0.00	19.45 -0.01 0.00	19.70 0.03 0.00	21.27 -0.02 0.00	29.89 0.23 0.00	22.76 0.36 -0.59	20.15 0.02 -1.06	21.13 0.13 0.00	19.03 0.04 0.00	18.21 0.10 0.00	17.39 0.03 0.00	18.13 0.04 0.00	19.30 -0.16 0.00	25.17 -0.17 0.00	27.89 0.03 0.00	21.86 0.29 0.00	28.64 0.67 0.00	21.74 0.46 0.00	21.89 0.36 0.00	22.24 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.13 -0.08 0.00	15.85 -0.09 0.00	15.08 -0.08 0.00	15.48 -0.12 0.00	17.02 -0.16 0.00	19.32 -0.14 0.00	19.59 -0.08 0.00	21.27 -0.02 0.00	29.52 -0.14 0.00	21.75 -0.06 0.00	19.07 0.00 0.00	21.03 0.04 0.00	19.03 0.04 0.00	18.16 0.05 0.00	17.40 0.04 0.00	18.12 0.03 0.00	19.51 0.05 0.00	25.39 0.05 0.00	27.92 0.06 0.00	21.66 0.10 0.00	28.09 0.12 0.00	21.34 0.06 0.00	21.61 0.07 0.00	21.98 0.10 0.00
HELLGATE_13_KV_LD 55870	19.44 1.23 0.00	17.05 1.11 0.00	16.20 1.05 0.00	16.56 0.97 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.75 1.08 0.00	22.60 1.30 0.00	31.23 1.57 0.00	22.94 1.13 0.00	20.02 0.96 0.00	21.92 0.92 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.33 0.97 0.00	19.22 1.13 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.37 1.51 0.00	22.80 1.24 0.00	29.43 1.46 0.00	22.18 0.90 0.00	22.39 0.85 0.00	22.72 0.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.44 1.23 0.00	17.05 1.11 0.00	16.20 1.05 0.00	16.56 0.97 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.75 1.08 0.00	22.60 1.30 0.00	31.23 1.57 0.00	22.94 1.13 0.00	20.02 0.96 0.00	21.92 0.92 0.00	19.93 0.94 0.00	19.06 0.95 0.00	18.33 0.97 0.00	19.22 1.13 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.37 1.51 0.00	22.80 1.24 0.00	29.43 1.46 0.00	22.18 0.90 0.00	22.39 0.85 0.00	22.72 0.84 0.00
HEMPSTEAD____ 23647	19.52 1.31 0.00	17.09 1.14 0.00	16.16 1.00 0.00	16.48 0.89 0.00	17.99 0.81 0.00	20.39 0.93 0.00	20.60 0.93 0.00	22.49 1.20 0.00	31.11 1.46 0.00	22.76 0.95 0.00	20.02 0.95 0.00	21.75 0.75 0.00	19.77 0.78 0.00	18.90 0.79 0.00	20.52 0.81 -2.35	23.87 1.15 -4.63	20.54 1.08 0.00	26.50 1.16 0.00	29.11 1.25 0.00	22.63 1.07 0.00	29.21 1.24 0.00	22.07 0.79 0.00	22.41 0.87 0.00	22.76 0.88 0.00
HEWLETT_69_KV_BK3 55828	19.68 1.47 0.00	17.23 1.29 0.00	16.29 1.14 0.00	16.62 1.03 0.00	18.14 0.96 0.00	20.55 1.09 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.32 1.67 0.00	22.91 1.10 0.00	20.19 1.12 0.00	21.91 0.91 0.00	19.93 0.94 0.00	19.06 0.96 0.00	25.83 0.97 -7.50	30.87 1.29 -11.49	20.68 1.22 0.00	26.70 1.36 0.00	29.35 1.49 0.00	22.81 1.25 0.00	29.45 1.48 0.00	22.25 0.97 0.00	22.60 1.06 0.00	22.96 1.08 0.00
HICKLING___1 23621	18.53 -0.04 -0.36	15.87 -0.08 -0.01	15.19 0.04 0.00	15.63 0.03 0.00	17.15 -0.03 0.00	19.51 0.06 0.00	19.92 0.25 0.00	21.72 0.43 0.00	29.79 0.13 0.00	22.04 0.23 0.00	19.48 0.41 0.00	21.69 0.69 0.00	19.61 0.62 0.00	18.73 0.62 0.00	18.06 0.70 0.00	18.74 0.66 0.00	20.29 0.84 0.00	26.31 0.97 0.00	28.88 1.02 0.00	22.48 0.91 0.00	29.19 1.22 0.00	22.20 0.92 0.00	22.65 1.11 0.00	23.17 1.29 0.00
HICKLING___2 23622	18.53 -0.04 -0.36	15.87 -0.08 -0.01	15.19 0.04 0.00	15.63 0.03 0.00	17.15 -0.03 0.00	19.51 0.06 0.00	19.92 0.25 0.00	21.72 0.43 0.00	29.79 0.13 0.00	22.04 0.23 0.00	19.48 0.41 0.00	21.69 0.69 0.00	19.61 0.62 0.00	18.73 0.62 0.00	18.06 0.70 0.00	18.74 0.66 0.00	20.29 0.84 0.00	26.31 0.97 0.00	28.88 1.02 0.00	22.48 0.91 0.00	29.19 1.22 0.00	22.20 0.92 0.00	22.65 1.11 0.00	23.17 1.29 0.00
HIGH FALLS___HY 23754	19.31 1.10 0.00	16.89 0.95 0.00	16.02 0.87 0.00	16.39 0.79 0.00	17.94 0.76 0.00	20.40 0.94 0.00	20.70 1.03 0.00	22.58 1.29 0.00	31.18 1.52 0.00	22.73 0.92 0.00	19.74 0.68 0.00	21.61 0.65 0.04	19.72 0.72 0.00	18.88 0.78 0.00	18.20 0.84 0.00	19.13 1.04 0.00	20.33 0.87 0.00	26.53 1.20 0.01	29.39 1.53 0.00	22.86 1.30 0.00	29.59 1.62 0.00	22.33 1.05 0.00	22.55 1.01 0.00	22.89 1.01 0.00
HILLBURN___GT 23639	19.32 1.11 0.00	16.90 0.96 0.00	16.03 0.87 0.00	16.39 0.79 0.00	17.89 0.71 0.00	20.27 0.81 0.00	20.54 0.87 0.00	22.41 1.12 0.00	30.94 1.28 0.00	22.68 0.87 0.00	19.79 0.72 0.00	21.67 0.67 0.00	19.67 0.67 0.00	18.81 0.71 0.00	18.08 0.72 0.00	18.95 0.86 0.00	20.32 0.87 0.00	26.42 1.08 0.00	29.15 1.29 0.00	22.61 1.05 0.00	29.21 1.24 0.00	22.03 0.75 0.00	22.28 0.74 0.00	22.66 0.78 0.00

HILLSIDE_115KV_TB1 80332	18.53 -0.02 -0.34	15.90 -0.05 -0.01	15.18 0.03 0.00	15.58 -0.02 0.00	17.09 -0.09 0.00	19.44 -0.02 0.00	19.79 0.12 0.00	21.58 0.29 0.00	29.63 -0.03 0.00	21.87 0.06 0.00	19.30 0.23 0.00	21.42 0.42 0.00	19.38 0.39 0.00	18.51 0.41 0.00	17.83 0.47 0.00	18.52 0.43 0.00	20.03 0.57 0.00	25.98 0.64 0.00	28.52 0.66 0.00	22.18 0.61 0.00	28.77 0.81 0.00	21.87 0.59 0.00	22.33 0.79 0.00	22.83 0.95 0.00
HISHELDN_WT_PWR 323625	15.95 -0.98 1.28	15.04 -0.86 0.04	14.47 -0.68 0.00	14.91 -0.69 0.00	16.41 -0.77 0.00	18.72 -0.74 0.00	19.09 -0.58 0.00	20.81 -0.48 0.00	28.61 -1.05 0.00	21.30 -0.51 0.00	18.97 -0.09 0.00	21.18 0.18 0.00	19.19 0.20 0.00	18.37 0.26 0.00	17.69 0.32 0.00	18.26 0.17 0.00	19.81 0.36 0.00	25.61 0.27 0.00	27.96 0.09 0.00	21.77 0.20 0.00	28.33 0.37 0.00	21.60 0.32 0.00	22.17 0.63 0.00	22.82 0.94 0.00
HOLTSVILLE_IC_1 23690	19.75 1.54 0.00	17.31 1.37 0.00	16.35 1.20 0.00	16.65 1.05 0.00	18.19 1.01 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.28 1.62 0.00	22.77 0.96 0.00	20.12 1.05 0.00	21.76 0.76 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.55 0.74 -0.46	21.42 1.21 -2.12	20.52 1.06 0.00	26.51 1.17 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.13 1.16 0.00	22.04 0.76 0.00	22.53 0.99 0.00	22.90 1.02 0.00
HOLTSVILLE_IC_10 23699	19.82 1.61 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.41 1.75 0.00	22.87 1.06 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.73 0.74 0.00	18.87 0.77 0.00	18.63 0.78 -0.49	21.54 1.28 -2.17	20.59 1.13 0.00	26.62 1.28 0.00	29.11 1.25 0.00	22.65 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.63 1.09 0.00	22.99 1.11 0.00
HOLTSVILLE_IC_2 23691	19.75 1.54 0.00	17.31 1.37 0.00	16.35 1.20 0.00	16.65 1.05 0.00	18.19 1.01 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.28 1.62 0.00	22.77 0.96 0.00	20.12 1.05 0.00	21.76 0.76 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.55 0.74 -0.46	21.42 1.21 -2.12	20.52 1.06 0.00	26.51 1.17 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.13 1.16 0.00	22.04 0.76 0.00	22.53 0.99 0.00	22.90 1.02 0.00
HOLTSVILLE_IC_3 23692	19.75 1.54 0.00	17.31 1.37 0.00	16.35 1.20 0.00	16.65 1.05 0.00	18.19 1.01 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.28 1.62 0.00	22.77 0.96 0.00	20.12 1.05 0.00	21.76 0.76 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.55 0.74 -0.46	21.42 1.21 -2.12	20.52 1.06 0.00	26.51 1.17 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.13 1.16 0.00	22.04 0.76 0.00	22.53 0.99 0.00	22.90 1.02 0.00
HOLTSVILLE_IC_4 23693	19.75 1.54 0.00	17.31 1.37 0.00	16.35 1.20 0.00	16.65 1.05 0.00	18.19 1.01 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.28 1.62 0.00	22.77 0.96 0.00	20.12 1.05 0.00	21.76 0.76 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.55 0.74 -0.46	21.42 1.21 -2.12	20.52 1.06 0.00	26.51 1.17 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.13 1.16 0.00	22.04 0.76 0.00	22.53 0.99 0.00	22.90 1.02 0.00
HOLTSVILLE_IC_5 23694	19.75 1.54 0.00	17.31 1.37 0.00	16.35 1.20 0.00	16.65 1.05 0.00	18.19 1.01 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.63 1.34 0.00	31.28 1.62 0.00	22.77 0.96 0.00	20.12 1.05 0.00	21.76 0.76 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.55 0.74 -0.46	21.42 1.21 -2.12	20.52 1.06 0.00	26.51 1.17 0.00	29.00 1.14 0.00	22.56 1.00 0.00	29.13 1.16 0.00	22.04 0.76 0.00	22.53 0.99 0.00	22.90 1.02 0.00
HOLTSVILLE_IC_6 23695	19.82 1.61 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.41 1.75 0.00	22.87 1.06 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.73 0.74 0.00	18.87 0.77 0.00	18.63 0.78 -0.49	21.54 1.28 -2.17	20.59 1.13 0.00	26.62 1.28 0.00	29.11 1.25 0.00	22.65 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.63 1.09 0.00	22.99 1.11 0.00
HOLTSVILLE_IC_7 23696	19.82 1.61 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.41 1.75 0.00	22.87 1.06 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.73 0.74 0.00	18.87 0.77 0.00	18.63 0.78 -0.49	21.54 1.28 -2.17	20.59 1.13 0.00	26.62 1.28 0.00	29.11 1.25 0.00	22.65 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.63 1.09 0.00	22.99 1.11 0.00
HOLTSVILLE_IC_8 23697	19.82 1.61 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.41 1.75 0.00	22.87 1.06 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.73 0.74 0.00	18.87 0.77 0.00	18.63 0.78 -0.49	21.54 1.28 -2.17	20.59 1.13 0.00	26.62 1.28 0.00	29.11 1.25 0.00	22.65 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.63 1.09 0.00	22.99 1.11 0.00
HOLTSVILLE_IC_9 23698	19.82 1.61 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.44 0.00	31.41 1.75 0.00	22.87 1.06 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.73 0.74 0.00	18.87 0.77 0.00	18.63 0.78 -0.49	21.54 1.28 -2.17	20.59 1.13 0.00	26.62 1.28 0.00	29.11 1.25 0.00	22.65 1.09 0.00	29.25 1.28 0.00	22.13 0.85 0.00	22.63 1.09 0.00	22.99 1.11 0.00
HOMER_HL_115KV_TB2 355744	17.00 0.09 1.30	15.98 0.08 0.04	15.29 0.14 0.00	15.59 -0.01 0.00	17.17 -0.01 0.00	19.49 0.03 0.00	19.72 0.05 0.00	21.54 0.25 0.00	29.41 -0.25 0.00	21.79 -0.03 0.00	19.41 0.34 0.00	21.69 0.69 0.00	19.79 0.80 0.00	18.98 0.88 0.00	18.25 0.89 0.00	18.84 0.75 0.00	20.46 1.00 0.00	26.27 0.93 0.00	28.50 0.64 0.00	22.11 0.55 0.00	28.83 0.86 0.00	21.82 0.54 0.00	22.53 0.99 0.00	23.44 1.55 0.00
HOWARD_WT_PWR 323690	17.39 -0.82 0.00	15.18 -0.76 0.00	14.65 -0.50 0.00	15.26 -0.34 0.00	16.73 -0.45 0.00	18.96 -0.50 0.00	19.48 -0.19 0.00	21.33 0.04 0.00	29.27 -0.39 0.00	21.72 -0.09 0.00	19.23 0.16 0.00	21.57 0.57 0.00	19.52 0.53 0.00	18.69 0.58 0.00	17.97 0.61 0.00	18.63 0.54 0.00	20.21 0.76 0.00	26.14 0.79 0.00	28.73 0.87 0.00	22.47 0.91 0.00	29.23 1.27 0.00	22.27 0.99 0.00	22.72 1.18 0.00	23.28 1.40 0.00
HQ_GEN_CEDARS 23644	17.86 -0.35 0.00	15.64 -0.30 0.00	14.90 -0.26 0.00	15.50 -0.10 0.00	17.22 0.04 0.00	19.43 -0.03 0.00	19.52 -0.15 0.00	21.05 -0.24 0.00	29.55 -0.11 0.00	22.62 -0.07 -0.87	20.56 -0.08 -1.58	20.98 -0.02 0.00	18.88 -0.11 0.00	17.96 -0.15 0.00	17.22 -0.14 0.00	17.84 -0.25 0.00	19.18 -0.28 0.00	25.05 -0.29 0.00	27.49 -0.37 0.00	21.30 -0.26 0.00	27.77 -0.19 0.00	21.21 -0.07 0.00	21.43 -0.11 0.00	21.76 -0.13 0.00

HQ_GEN_CEDARS_PROXY 323590	17.86 -0.35 0.00	15.64 -0.30 0.00	14.90 -0.26 0.00	15.50 -0.10 0.00	17.22 0.04 0.00	19.43 -0.03 0.00	19.52 -0.15 0.00	21.05 -0.24 0.00	30.22 -0.11 -0.67	22.62 -0.07 -0.87	20.56 -0.08 -1.58	20.98 -0.02 0.00	18.88 -0.11 0.00	17.96 -0.15 0.00	17.22 -0.14 0.00	17.84 -0.25 0.00	19.17 -0.28 0.00	25.05 -0.29 0.00	27.49 -0.37 0.00	21.30 -0.26 0.00	27.78 -0.19 0.00	21.21 -0.07 0.00	21.43 -0.10 0.00	21.76 -0.13 0.00
HQ_GEN_IMPORT 323601	18.00 -0.21 0.00	15.77 -0.17 0.00	15.00 -0.15 0.00	15.53 -0.08 0.00	17.23 0.04 0.00	19.49 0.03 0.00	19.63 -0.05 0.00	21.16 -0.13 0.00	29.65 -0.01 0.00	21.81 0.00 0.00	19.06 0.00 0.00	21.03 0.03 0.00	18.98 -0.02 0.00	18.07 -0.04 0.00	17.34 -0.02 0.00	18.02 -0.07 0.00	19.38 -0.07 0.00	25.28 -0.06 0.00	27.74 -0.12 0.00	21.41 -0.15 0.00	27.83 -0.14 0.00	21.25 -0.03 0.00	21.52 -0.01 0.00	21.86 -0.02 0.00
HQ_GEN_WHEEL 23651	18.00 -0.21 0.00	15.77 -0.17 0.00	15.00 -0.15 0.00	15.53 -0.08 0.00	17.23 0.04 0.00	19.49 0.03 0.00	19.63 -0.05 0.00	21.16 -0.13 0.00	29.65 -0.01 0.00	21.81 0.00 0.00	19.06 0.00 0.00	21.03 0.03 0.00	18.98 -0.02 0.00	18.07 -0.04 0.00	17.34 -0.02 0.00	18.02 -0.07 0.00	19.38 -0.07 0.00	25.28 -0.06 0.00	27.74 -0.12 0.00	21.41 -0.15 0.00	27.83 -0.14 0.00	21.25 -0.03 0.00	21.52 -0.01 0.00	21.86 -0.02 0.00
HUDSON_AVE_GT_3 23810	19.46 1.25 0.00	17.06 1.12 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.75 1.08 0.00	22.62 1.32 0.00	31.23 1.57 0.00	22.95 1.14 0.00	20.04 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.24 1.15 0.00	20.61 1.15 0.00	26.70 1.36 0.00	29.41 1.54 0.00	22.83 1.27 0.00	29.47 1.51 0.00	22.19 0.91 0.00	22.41 0.88 0.00	22.75 0.87 0.00
HUDSON_AVE_GT_4 23540	19.46 1.25 0.00	17.06 1.12 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.75 1.08 0.00	22.62 1.32 0.00	31.23 1.57 0.00	22.95 1.14 0.00	20.04 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.24 1.15 0.00	20.61 1.15 0.00	26.70 1.36 0.00	29.41 1.54 0.00	22.83 1.27 0.00	29.47 1.51 0.00	22.19 0.91 0.00	22.41 0.88 0.00	22.75 0.87 0.00
HUDSON_AVE_GT_5 23657	19.46 1.25 0.00	17.06 1.12 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.75 1.08 0.00	22.62 1.32 0.00	31.23 1.57 0.00	22.95 1.14 0.00	20.04 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.24 1.15 0.00	20.61 1.15 0.00	26.70 1.36 0.00	29.41 1.54 0.00	22.83 1.27 0.00	29.47 1.51 0.00	22.19 0.91 0.00	22.41 0.88 0.00	22.75 0.87 0.00
HUDSON_AVE_10 24168	19.41 1.20 0.00	17.01 1.07 0.00	16.16 1.01 0.00	16.53 0.93 0.00	17.99 0.81 0.00	20.38 0.93 0.00	20.69 1.01 0.00	22.53 1.24 0.00	31.12 1.47 0.00	22.87 1.06 0.00	19.97 0.90 0.00	21.85 0.85 0.00	19.88 0.88 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.19 1.10 0.00	20.57 1.11 0.00	26.64 1.29 0.00	29.33 1.46 0.00	22.77 1.21 0.00	29.39 1.42 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
HUDSON___115KV_TB 4 355613	18.74 0.53 0.00	16.49 0.54 0.00	15.65 0.50 0.00	16.06 0.46 0.00	17.47 0.29 0.00	19.75 0.30 0.00	20.06 0.39 0.00	21.76 0.47 0.00	30.17 0.51 0.00	22.03 0.22 0.00	19.16 0.10 0.22	20.76 -0.02 0.00	19.12 0.13 0.00	18.18 0.07 0.00	17.33 -0.03 0.00	18.02 -0.07 0.00	19.42 -0.04 0.00	25.33 0.03 0.03	28.08 0.22 0.00	21.93 0.36 0.00	28.42 0.46 0.00	21.59 0.31 0.00	21.73 0.19 0.00	21.99 0.11 0.00
HUNTER MOUNT___DRP 323613	18.79 0.58 0.00	16.53 0.59 0.00	15.70 0.55 0.00	16.12 0.52 0.00	17.54 0.36 0.00	19.84 0.38 0.00	20.15 0.48 0.00	21.86 0.57 0.00	30.33 0.67 0.00	22.11 0.30 0.00	19.20 0.14 0.17	20.86 0.03 0.00	19.16 0.16 0.00	18.20 0.09 0.00	17.36 0.00 0.00	18.00 -0.09 0.00	19.41 -0.05 0.00	25.39 0.07 0.02	28.16 0.29 0.00	22.02 0.46 0.00	28.57 0.60 0.00	21.72 0.44 0.00	21.84 0.30 0.00	22.08 0.20 0.00
HUNTINGTON_RES_REC 323705	19.73 1.52 0.00	17.29 1.34 0.00	16.33 1.18 0.00	16.63 1.04 0.00	18.16 0.98 0.00	20.56 1.10 0.00	20.71 1.04 0.00	22.61 1.32 0.00	31.24 1.58 0.00	22.80 0.99 0.00	20.13 1.06 0.00	21.78 0.78 0.00	19.74 0.75 0.00	18.86 0.75 0.00	18.62 0.77 -0.49	21.50 1.24 -2.17	20.55 1.09 0.00	26.54 1.20 0.00	29.07 1.21 0.00	22.61 1.04 0.00	29.19 1.22 0.00	22.07 0.79 0.00	22.53 0.99 0.00	22.91 1.03 0.00
HUNTLEY___63 23557	15.12 -1.23 1.86	14.87 -1.01 0.06	14.35 -0.80 0.00	14.77 -0.82 0.00	16.36 -0.82 0.00	18.69 -0.77 0.00	19.00 -0.67 0.00	20.62 -0.67 0.00	28.34 -1.32 0.00	21.13 -0.68 0.00	18.89 -0.18 0.00	21.06 0.06 0.00	19.13 0.13 0.00	18.28 0.17 0.00	17.58 0.22 0.00	18.10 0.01 0.00	19.63 0.17 0.00	25.35 0.01 0.00	27.58 -0.28 0.00	21.47 -0.09 0.00	27.98 0.02 0.00	21.34 0.06 0.00	21.96 0.42 0.00	22.68 0.80 0.00
HUNTLEY___64 23558	15.12 -1.23 1.86	14.87 -1.01 0.06	14.35 -0.80 0.00	14.77 -0.82 0.00	16.36 -0.82 0.00	18.69 -0.77 0.00	19.00 -0.67 0.00	20.62 -0.67 0.00	28.34 -1.32 0.00	21.13 -0.68 0.00	18.89 -0.18 0.00	21.06 0.06 0.00	19.13 0.13 0.00	18.28 0.17 0.00	17.58 0.22 0.00	18.10 0.01 0.00	19.63 0.17 0.00	25.35 0.01 0.00	27.58 -0.28 0.00	21.47 -0.09 0.00	27.98 0.02 0.00	21.34 0.06 0.00	21.96 0.42 0.00	22.68 0.80 0.00
HUNTLEY___65 23559	15.12 -1.23 1.86	14.87 -1.01 0.06	14.35 -0.80 0.00	14.77 -0.82 0.00	16.36 -0.82 0.00	18.69 -0.77 0.00	19.00 -0.67 0.00	20.62 -0.67 0.00	28.34 -1.32 0.00	21.13 -0.68 0.00	18.89 -0.18 0.00	21.06 0.06 0.00	19.13 0.13 0.00	18.28 0.17 0.00	17.58 0.22 0.00	18.10 0.01 0.00	19.63 0.17 0.00	25.35 0.01 0.00	27.58 -0.28 0.00	21.47 -0.09 0.00	27.98 0.02 0.00	21.34 0.06 0.00	21.96 0.42 0.00	22.68 0.80 0.00
HUNTLEY___66 23560	15.12 -1.23 1.86	14.87 -1.01 0.06	14.35 -0.80 0.00	14.77 -0.82 0.00	16.36 -0.82 0.00	18.69 -0.77 0.00	19.00 -0.67 0.00	20.62 -0.67 0.00	28.34 -1.32 0.00	21.13 -0.68 0.00	18.89 -0.18 0.00	21.06 0.06 0.00	19.13 0.13 0.00	18.28 0.17 0.00	17.58 0.22 0.00	18.10 0.01 0.00	19.63 0.17 0.00	25.35 0.01 0.00	27.58 -0.28 0.00	21.47 -0.09 0.00	27.98 0.02 0.00	21.34 0.06 0.00	21.96 0.42 0.00	22.68 0.80 0.00
HUNTLEY___67 23561	15.20 -1.21 1.80	14.87 -1.02 0.05	14.34 -0.81 0.00	14.76 -0.84 0.00	16.32 -0.86 0.00	18.62 -0.84 0.00	18.93 -0.75 0.00	20.56 -0.73 0.00	28.25 -1.42 0.00	21.04 -0.77 0.00	18.79 -0.28 0.00	20.95 -0.05 0.00	19.04 0.05 0.00	18.19 0.08 0.00	17.49 0.12 0.00	18.02 -0.07 0.00	19.55 0.09 0.00	25.25 -0.09 0.00	27.47 -0.39 0.00	21.37 -0.19 0.00	27.86 -0.11 0.00	21.24 -0.04 0.00	21.86 0.32 0.00	22.55 0.67 0.00

HUNTLEY___68 23562	15.20 -1.21 1.80	14.87 -1.02 0.05	14.34 -0.81 0.00	14.76 -0.84 0.00	16.32 -0.86 0.00	18.62 -0.84 0.00	18.93 -0.75 0.00	20.56 -0.73 0.00	28.25 -1.42 0.00	21.04 -0.77 0.00	18.79 -0.28 0.00	20.95 -0.05 0.00	19.04 0.05 0.00	18.19 0.08 0.00	17.49 0.12 0.00	18.02 -0.07 0.00	19.55 0.09 0.00	25.25 -0.09 0.00	27.47 -0.39 0.00	21.37 -0.19 0.00	27.86 -0.11 0.00	21.24 -0.04 0.00	21.86 0.32 0.00	22.55 0.67 0.00
HYLAND___LFGE 323620	17.07 -0.16 0.98	15.73 -0.17 0.03	15.11 -0.04 0.00	15.63 0.04 0.00	17.24 0.05 0.00	19.67 0.22 0.00	19.64 -0.03 0.00	20.90 -0.39 0.00	27.97 -1.69 0.00	20.98 -0.83 0.00	18.59 -0.48 0.00	20.67 -0.33 0.00	19.63 0.64 0.00	19.05 0.94 0.00	18.22 0.86 0.00	18.99 0.90 0.00	20.55 1.09 0.00	26.74 1.40 0.00	29.42 1.56 0.00	23.02 1.46 0.00	30.14 2.17 0.00	22.89 1.60 0.00	23.29 1.75 0.00	23.79 1.91 0.00
INDECK___CORINTH 23802	18.68 0.47 0.00	16.30 0.36 0.00	15.50 0.35 0.00	15.96 0.37 0.00	17.40 0.22 0.00	19.81 0.35 0.00	20.10 0.43 0.00	21.89 0.60 0.00	30.45 0.80 0.00	22.26 0.45 0.00	19.29 0.23 0.00	21.41 0.23 -0.18	19.20 0.21 0.00	18.25 0.14 0.00	17.46 0.10 0.00	18.29 0.20 0.00	19.80 0.34 0.00	25.98 0.62 -0.03	28.59 0.72 0.00	22.15 0.58 0.00	28.58 0.62 0.00	21.73 0.45 0.00	21.81 0.27 0.00	22.00 0.12 0.00
INDECK___ILION 23567	18.38 0.17 0.00	16.10 0.16 0.00	15.29 0.14 0.00	15.68 0.08 0.00	17.18 -0.01 0.00	19.47 0.01 0.00	19.75 0.08 0.00	21.44 0.15 0.00	29.76 0.10 0.00	21.78 -0.04 0.00	18.99 -0.08 0.00	20.91 -0.09 0.00	18.85 -0.14 0.00	17.98 -0.12 0.00	17.21 -0.15 0.00	17.95 -0.14 0.00	19.35 -0.11 0.00	25.26 -0.08 0.00	27.92 0.06 0.00	21.65 0.09 0.00	28.06 0.10 0.00	21.32 0.04 0.00	21.54 0.00 0.00	21.83 -0.05 0.00
INDECK___OLEAN 23982	17.01 0.10 1.30	15.98 0.08 0.04	15.26 0.11 0.00	15.59 -0.01 0.00	17.17 -0.01 0.00	19.49 0.03 0.00	19.71 0.03 0.00	21.54 0.25 0.00	29.41 -0.25 0.00	21.79 -0.02 0.00	19.40 0.33 0.00	21.69 0.69 0.00	19.79 0.80 0.00	19.00 0.89 0.00	18.25 0.89 0.00	18.86 0.77 0.00	20.48 1.02 0.00	26.27 0.93 0.00	28.50 0.63 0.00	22.13 0.56 0.00	28.83 0.86 0.00	21.82 0.54 0.00	22.53 1.00 0.00	23.44 1.55 0.00
INDECK___OSWEGO 23783	17.83 -0.39 0.00	15.57 -0.37 0.00	14.78 -0.38 0.00	15.21 -0.39 0.00	16.73 -0.46 0.00	18.96 -0.50 0.00	19.21 -0.47 0.00	20.82 -0.47 0.00	28.97 -0.69 0.00	21.35 -0.46 0.00	18.67 -0.40 0.00	20.57 -0.43 0.00	18.61 -0.38 0.00	17.75 -0.36 0.00	17.00 -0.36 0.00	17.70 -0.39 0.00	19.02 -0.44 0.00	24.78 -0.56 0.00	27.28 -0.59 0.00	21.19 -0.37 0.00	27.53 -0.44 0.00	20.92 -0.37 0.00	21.15 -0.39 0.00	21.50 -0.37 0.00
INDECK___YERKES 23781	15.14 -1.20 1.86	14.88 -1.00 0.06	14.33 -0.82 0.00	14.79 -0.81 0.00	16.38 -0.80 0.00	18.71 -0.75 0.00	19.01 -0.66 0.00	20.65 -0.65 0.00	28.38 -1.28 0.00	21.16 -0.65 0.00	18.91 -0.16 0.00	21.09 0.09 0.00	19.15 0.16 0.00	18.31 0.20 0.00	17.60 0.24 0.00	18.14 0.05 0.00	19.68 0.22 0.00	25.38 0.04 0.00	27.62 -0.25 0.00	21.51 -0.06 0.00	28.01 0.05 0.00	21.36 0.08 0.00	21.98 0.45 0.00	22.70 0.82 0.00
INDIAN POINT___GT_1 24139	19.34 1.13 0.00	16.92 0.98 0.00	16.05 0.89 0.00	16.40 0.81 0.00	17.89 0.71 0.00	20.28 0.82 0.00	20.57 0.89 0.00	22.42 1.14 0.00	31.00 1.34 0.00	22.75 0.94 0.00	19.86 0.80 0.00	21.74 0.74 0.00	19.74 0.74 0.00	18.87 0.76 0.00	18.13 0.77 0.00	19.01 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.14 1.27 0.00	22.62 1.05 0.00	29.21 1.24 0.00	22.05 0.76 0.00	22.27 0.73 0.00	22.61 0.73 0.00
INDIAN POINT___GT_2 23659	19.34 1.13 0.00	16.92 0.98 0.00	16.05 0.89 0.00	16.40 0.81 0.00	17.89 0.71 0.00	20.28 0.82 0.00	20.57 0.89 0.00	22.42 1.14 0.00	31.00 1.34 0.00	22.75 0.94 0.00	19.86 0.80 0.00	21.74 0.74 0.00	19.74 0.74 0.00	18.87 0.76 0.00	18.13 0.77 0.00	19.01 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.14 1.27 0.00	22.62 1.05 0.00	29.21 1.24 0.00	22.05 0.76 0.00	22.27 0.73 0.00	22.61 0.73 0.00
INDIAN POINT___GT_3 24019	19.34 1.13 0.00	16.92 0.98 0.00	16.05 0.89 0.00	16.40 0.81 0.00	17.89 0.71 0.00	20.28 0.82 0.00	20.57 0.89 0.00	22.42 1.14 0.00	31.00 1.34 0.00	22.75 0.94 0.00	19.86 0.80 0.00	21.74 0.74 0.00	19.74 0.74 0.00	18.87 0.76 0.00	18.13 0.77 0.00	19.01 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.14 1.27 0.00	22.62 1.05 0.00	29.21 1.24 0.00	22.05 0.76 0.00	22.27 0.73 0.00	22.61 0.73 0.00
INDIAN POINT___2 23530	19.35 1.14 0.00	16.94 1.00 0.00	16.06 0.91 0.00	16.42 0.82 0.00	17.91 0.72 0.00	20.29 0.84 0.00	20.59 0.92 0.00	22.44 1.15 0.00	31.03 1.37 0.00	22.77 0.96 0.00	19.88 0.82 0.00	21.77 0.77 0.00	19.76 0.77 0.00	18.89 0.78 0.00	18.15 0.79 0.00	19.03 0.95 0.00	20.40 0.94 0.00	26.47 1.13 0.00	29.16 1.30 0.00	22.63 1.07 0.00	29.23 1.26 0.00	22.06 0.78 0.00	22.28 0.74 0.00	22.62 0.74 0.00
INDIAN POINT___3 23531	19.29 1.08 0.00	16.87 0.93 0.00	16.01 0.85 0.00	16.37 0.77 0.00	17.86 0.67 0.00	20.24 0.78 0.00	20.51 0.84 0.00	22.36 1.07 0.00	30.89 1.24 0.00	22.67 0.86 0.00	19.78 0.72 0.00	21.66 0.66 0.00	19.66 0.67 0.00	18.80 0.69 0.00	18.06 0.70 0.00	18.93 0.84 0.00	20.30 0.84 0.00	26.37 1.02 0.00	29.07 1.21 0.00	22.56 0.99 0.00	29.13 1.16 0.00	21.99 0.71 0.00	22.21 0.68 0.00	22.58 0.69 0.00
INGHAM_C_115KV_TB7 356103	18.40 0.19 0.00	16.15 0.21 0.00	15.32 0.17 0.00	15.67 0.07 0.00	17.11 -0.07 0.00	19.39 -0.07 0.00	19.73 0.06 0.00	21.47 0.18 0.00	29.71 0.05 0.00	21.58 -0.23 0.00	18.76 -0.31 0.00	20.67 -0.33 0.00	18.53 -0.46 0.00	17.68 -0.43 0.00	16.88 -0.48 0.00	17.63 -0.46 0.00	19.05 -0.41 0.00	24.93 -0.41 0.00	27.75 -0.11 0.00	21.56 0.00 0.00	27.95 -0.01 0.00	21.22 -0.06 0.00	21.40 -0.13 0.00	21.64 -0.24 0.00
IP CORINTH___1 23988	18.69 0.47 0.00	16.30 0.36 0.00	15.50 0.35 0.00	15.96 0.37 0.00	17.40 0.22 0.00	19.81 0.35 0.00	20.10 0.43 0.00	21.89 0.60 0.00	30.45 0.80 0.00	22.26 0.45 0.00	19.29 0.23 0.00	21.41 0.23 -0.18	19.20 0.21 0.00	18.25 0.14 0.00	17.46 0.10 0.00	18.29 0.20 0.00	19.80 0.34 0.00	25.98 0.62 -0.03	28.59 0.72 0.00	22.15 0.58 0.00	28.58 0.62 0.00	21.73 0.45 0.00	21.81 0.27 0.00	22.00 0.12 0.00
IP___TICONDEROGA 23804	19.03 0.82 0.00	16.49 0.54 0.00	15.71 0.55 0.00	16.29 0.69 0.00	17.63 0.45 0.00	20.37 0.92 0.00	20.67 1.00 0.00	22.68 1.39 0.00	31.42 1.76 0.00	22.93 1.12 0.00	19.77 0.71 0.00	21.92 0.72 -0.20	19.43 0.44 0.00	18.48 0.37 0.00	17.71 0.35 0.00	18.70 0.61 0.00	20.49 1.03 0.00	26.97 1.60 -0.03	29.59 1.73 0.00	22.91 1.34 0.00	29.28 1.31 0.00	22.40 1.11 0.00	22.34 0.80 0.00	22.30 0.42 0.00

ISLIP_RES_REC 323679	19.87 1.66 0.00	17.40 1.46 0.00	16.45 1.29 0.00	16.74 1.15 0.00	18.30 1.12 0.00	20.73 1.27 0.00	20.88 1.21 0.00	22.81 1.52 0.00	31.51 1.85 0.00	22.96 1.15 0.00	20.27 1.20 0.00	21.89 0.89 0.00	19.78 0.79 0.00	18.92 0.81 0.00	18.69 0.81 -0.52	21.63 1.34 -2.20	20.67 1.21 0.00	26.72 1.38 0.00	29.20 1.34 0.00	22.72 1.16 0.00	29.34 1.37 0.00	22.20 0.91 0.00	22.69 1.15 0.00	23.05 1.17 0.00
JAMAICA__27_KV_LOAD 355505	19.50 1.29 0.00	17.12 1.18 0.00	16.27 1.12 0.00	16.65 1.05 0.00	18.11 0.93 0.00	20.50 1.04 0.00	20.77 1.09 0.00	22.60 1.31 0.00	31.21 1.56 0.00	22.96 1.15 0.00	20.03 0.97 0.00	21.92 0.92 0.00	19.95 0.96 0.00	19.11 1.01 0.00	18.37 1.01 0.00	19.31 1.22 0.00	20.73 1.27 0.00	26.81 1.47 0.00	29.50 1.64 0.00	22.93 1.37 0.00	29.58 1.62 0.00	22.27 0.99 0.00	22.49 0.95 0.00	22.83 0.95 0.00
JANIS___SOLAR 323808	19.14 0.74 -0.19	16.55 0.60 -0.01	15.73 0.58 0.00	16.15 0.55 0.00	17.85 0.67 0.00	20.31 0.86 0.00	20.66 0.99 0.00	22.46 1.17 0.00	30.82 1.16 0.00	22.71 0.90 0.00	19.81 0.74 0.00	21.88 0.88 0.00	19.79 0.80 0.00	18.82 0.71 0.00	18.06 0.70 0.00	18.76 0.67 0.00	20.26 0.80 0.00	26.52 1.18 0.00	29.42 1.56 0.00	22.97 1.41 0.00	29.78 1.82 0.00	22.59 1.31 0.00	22.85 1.32 0.00	23.22 1.34 0.00
JARVIS____ 23743	18.31 0.10 0.00	16.02 0.08 0.00	15.21 0.06 0.00	15.64 0.04 0.00	17.18 0.00 0.00	19.46 0.00 0.00	19.70 0.02 0.00	21.34 0.05 0.00	29.68 0.03 0.00	21.82 0.01 0.00	19.05 -0.01 0.00	20.97 -0.02 0.00	18.97 -0.02 0.00	18.10 -0.01 0.00	17.34 -0.02 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.34 0.00 0.00	27.89 0.03 0.00	21.61 0.05 0.00	28.00 0.04 0.00	21.28 0.00 0.00	21.53 -0.01 0.00	21.86 -0.02 0.00
JENNISON___1 23625	18.92 0.70 0.00	16.51 0.57 0.00	15.67 0.52 0.00	16.11 0.52 0.00	17.89 0.71 0.00	20.35 0.89 0.00	20.63 0.95 0.00	22.45 1.16 0.00	30.96 1.31 0.00	22.67 0.86 0.00	19.73 0.67 0.00	21.83 0.84 0.00	19.69 0.70 0.00	18.61 0.50 0.00	17.84 0.48 0.00	18.48 0.39 0.00	19.94 0.48 0.00	26.17 0.83 0.00	29.19 1.32 0.00	22.73 1.17 0.00	29.27 1.30 0.00	22.35 1.07 0.00	22.63 1.09 0.00	22.94 1.06 0.00
JENNISON___2 23626	18.92 0.70 0.00	16.51 0.57 0.00	15.67 0.52 0.00	16.11 0.52 0.00	17.89 0.71 0.00	20.35 0.89 0.00	20.63 0.95 0.00	22.45 1.16 0.00	30.96 1.31 0.00	22.67 0.86 0.00	19.73 0.67 0.00	21.83 0.84 0.00	19.69 0.70 0.00	18.61 0.50 0.00	17.84 0.48 0.00	18.48 0.39 0.00	19.94 0.48 0.00	26.17 0.83 0.00	29.19 1.32 0.00	22.73 1.17 0.00	29.27 1.30 0.00	22.35 1.07 0.00	22.63 1.09 0.00	22.94 1.06 0.00
JERICHO_RISE_WT_PWR 323719	17.82 -0.39 0.00	15.60 -0.34 0.00	15.02 -0.13 0.00	15.72 0.12 0.00	17.32 0.14 0.00	19.33 -0.13 0.00	18.92 -0.75 0.00	20.57 -0.72 0.00	28.86 -0.80 0.00	-2.08 -0.74 23.15	-23.41 -0.68 41.80	20.53 -0.47 0.00	18.56 -0.43 0.00	17.56 -0.55 0.00	17.04 -0.31 0.00	17.40 -0.69 0.00	18.86 -0.59 0.00	24.66 -0.68 0.00	26.76 -1.11 0.00	20.81 -0.76 0.00	27.21 -0.76 0.00	20.93 -0.35 0.00	21.35 -0.18 0.00	21.74 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	19.38 1.17 0.00	16.95 1.01 0.00	16.08 0.93 0.00	16.45 0.85 0.00	17.94 0.76 0.00	20.35 0.90 0.00	20.65 0.97 0.00	22.52 1.23 0.00	31.14 1.48 0.00	22.85 1.04 0.00	19.95 0.88 0.00	21.83 0.83 0.00	19.82 0.83 0.00	18.94 0.84 0.00	18.19 0.83 0.00	19.07 0.98 0.00	20.45 0.99 0.00	26.56 1.21 0.00	29.27 1.41 0.00	22.72 1.15 0.00	29.33 1.36 0.00	22.14 0.87 0.00	22.35 0.81 0.00	22.68 0.80 0.00
KCE_NY_1 323755	18.89 0.68 0.00	16.51 0.56 0.00	15.71 0.56 0.00	16.14 0.54 0.00	17.66 0.48 0.00	20.00 0.54 0.00	20.27 0.59 0.00	22.03 0.74 0.00	30.60 0.94 0.00	22.41 0.60 0.00	19.47 0.40 0.00	21.65 0.42 -0.23	19.43 0.44 0.00	18.46 0.35 0.00	17.66 0.30 0.00	18.48 0.40 0.00	19.95 0.50 0.00	26.16 0.79 -0.03	28.76 0.89 0.00	22.26 0.70 0.00	28.78 0.82 0.00	21.85 0.57 0.00	21.99 0.45 0.00	22.28 0.40 0.00
KCE_NY_6_ESR 323823	15.67 -0.87 1.68	15.16 -0.73 0.05	14.57 -0.59 0.00	14.98 -0.61 0.00	16.55 -0.63 0.00	18.90 -0.56 0.00	19.21 -0.46 0.00	20.93 -0.36 0.00	28.76 -0.90 0.00	21.40 -0.41 0.00	19.10 0.04 0.00	21.30 0.30 0.00	19.35 0.36 0.00	18.52 0.41 0.00	17.80 0.45 0.00	18.36 0.28 0.00	19.92 0.47 0.00	25.71 0.37 0.00	27.99 0.13 0.00	21.78 0.21 0.00	28.36 0.40 0.00	21.61 0.33 0.00	22.22 0.68 0.00	22.93 1.05 0.00
KEDC_PORT_JEFF_GT2 24210	19.81 1.60 0.00	17.36 1.42 0.00	16.40 1.25 0.00	16.70 1.11 0.00	18.25 1.07 0.00	20.66 1.21 0.00	20.81 1.14 0.00	22.72 1.42 0.00	31.31 1.65 0.00	22.80 0.99 0.00	20.19 1.12 0.00	21.82 0.82 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.61 0.77 -0.48	21.52 1.28 -2.15	20.58 1.12 0.00	26.60 1.26 0.00	29.03 1.17 0.00	22.58 1.02 0.00	29.15 1.19 0.00	22.06 0.78 0.00	22.62 1.08 0.00	22.98 1.10 0.00
KEDC_PORT_JEFF_GT3 24211	19.81 1.60 0.00	17.36 1.42 0.00	16.40 1.25 0.00	16.70 1.11 0.00	18.25 1.07 0.00	20.66 1.21 0.00	20.81 1.14 0.00	22.72 1.42 0.00	31.31 1.65 0.00	22.80 0.99 0.00	20.19 1.12 0.00	21.82 0.82 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.61 0.77 -0.48	21.52 1.28 -2.15	20.58 1.12 0.00	26.60 1.26 0.00	29.03 1.17 0.00	22.58 1.02 0.00	29.15 1.19 0.00	22.06 0.78 0.00	22.62 1.08 0.00	22.98 1.10 0.00
KEDC_GLWD_GT4 24219	19.54 1.33 0.00	17.11 1.16 0.00	16.18 1.03 0.00	16.52 0.92 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.68 1.01 0.00	22.57 1.28 0.00	31.22 1.56 0.00	22.86 1.05 0.00	20.07 1.00 0.00	21.88 0.88 0.00	19.88 0.89 0.00	19.01 0.90 0.00	20.30 0.91 -2.03	23.50 1.20 -4.21	20.65 1.19 0.00	26.63 1.29 0.00	29.30 1.44 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.20 0.92 0.00	22.53 1.00 0.00	22.89 1.01 0.00
KEDC_GLWD_GT5 24220	19.54 1.33 0.00	17.11 1.16 0.00	16.18 1.03 0.00	16.52 0.92 0.00	18.03 0.85 0.00	20.44 0.98 0.00	20.68 1.01 0.00	22.57 1.28 0.00	31.22 1.56 0.00	22.86 1.05 0.00	20.07 1.00 0.00	21.88 0.88 0.00	19.88 0.89 0.00	19.01 0.90 0.00	20.30 0.91 -2.03	23.50 1.20 -4.21	20.65 1.19 0.00	26.63 1.29 0.00	29.30 1.44 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.20 0.92 0.00	22.53 1.00 0.00	22.89 1.01 0.00
KENSICO____ 23655	19.35 1.14 0.00	16.93 0.99 0.00	16.06 0.91 0.00	16.42 0.82 0.00	17.90 0.72 0.00	20.30 0.84 0.00	20.58 0.91 0.00	22.44 1.15 0.00	31.02 1.37 0.00	22.77 0.96 0.00	19.88 0.81 0.00	21.76 0.76 0.00	19.76 0.77 0.00	18.89 0.78 0.00	18.15 0.79 0.00	19.02 0.93 0.00	20.40 0.94 0.00	26.47 1.13 0.00	29.16 1.30 0.00	22.63 1.07 0.00	29.23 1.27 0.00	22.06 0.78 0.00	22.28 0.74 0.00	22.62 0.74 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.24 1.03 0.00	16.84 0.90 0.00	15.98 0.83 0.00	16.36 0.76 0.00	17.89 0.71 0.00	20.34 0.88 0.00	20.65 0.98 0.00	22.52 1.23 0.00	31.09 1.43 0.00	22.66 0.85 0.00	19.68 0.61 0.00	21.55 0.59 0.03	19.64 0.65 0.00	18.79 0.69 0.00	18.12 0.76 0.00	19.03 0.94 0.00	20.23 0.77 0.00	26.44 1.11 0.00	29.31 1.45 0.00	22.79 1.22 0.00	29.51 1.54 0.00	22.28 1.00 0.00	22.49 0.95 0.00	22.82 0.94 0.00
KIAC_JFK_GT1 23816	19.40 1.19 0.00	17.04 1.10 0.00	16.19 1.03 0.00	16.57 0.97 0.00	18.03 0.84 0.00	20.40 0.94 0.00	20.64 0.97 0.00	22.47 1.18 0.00	31.03 1.37 0.00	22.84 1.02 0.00	19.93 0.86 0.00	21.81 0.81 0.00	19.85 0.85 0.00	19.01 0.91 0.00	18.28 0.92 0.00	19.20 1.11 0.00	20.63 1.17 0.00	26.63 1.29 0.00	29.21 1.35 0.00	22.71 1.14 0.00	29.29 1.32 0.00	22.06 0.78 0.00	22.35 0.81 0.00	22.70 0.82 0.00
KIAC_JFK_GT2 23817	19.40 1.19 0.00	17.04 1.10 0.00	16.19 1.03 0.00	16.57 0.97 0.00	18.03 0.84 0.00	20.40 0.94 0.00	20.64 0.97 0.00	22.47 1.18 0.00	31.03 1.37 0.00	22.84 1.02 0.00	19.93 0.86 0.00	21.81 0.81 0.00	19.85 0.85 0.00	19.01 0.91 0.00	18.28 0.92 0.00	19.20 1.11 0.00	20.63 1.17 0.00	26.63 1.29 0.00	29.21 1.35 0.00	22.71 1.14 0.00	29.29 1.32 0.00	22.06 0.78 0.00	22.35 0.81 0.00	22.70 0.82 0.00
KIAC_JFK____ 323774	19.40 1.19 0.00	17.04 1.10 0.00	16.19 1.04 0.00	16.57 0.97 0.00	18.03 0.84 0.00	20.40 0.94 0.00	20.64 0.97 0.00	22.47 1.17 0.00	31.03 1.38 0.00	22.84 1.02 0.00	19.93 0.86 0.00	21.81 0.81 0.00	19.85 0.86 0.00	19.01 0.90 0.00	18.27 0.91 0.00	19.20 1.11 0.00	20.63 1.17 0.00	26.63 1.29 0.00	29.21 1.35 0.00	22.71 1.14 0.00	29.29 1.32 0.00	22.06 0.78 0.00	22.35 0.81 0.00	22.70 0.82 0.00
KINTIGH____ 23543	14.79 -1.22 2.20	14.85 -1.03 0.07	14.33 -0.82 0.00	14.77 -0.83 0.00	16.33 -0.85 0.00	18.62 -0.83 0.00	18.91 -0.76 0.00	20.51 -0.79 0.00	28.22 -1.44 0.00	20.99 -0.82 0.00	18.71 -0.36 0.00	20.83 -0.17 0.00	18.94 -0.05 0.00	18.07 -0.03 0.00	17.35 -0.01 0.00	17.91 -0.18 0.00	19.41 -0.05 0.00	25.11 -0.23 0.00	27.34 -0.52 0.00	21.26 -0.31 0.00	27.71 -0.26 0.00	21.13 -0.15 0.00	21.69 0.15 0.00	22.32 0.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.04 -0.17 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.48 0.30 0.00	19.36 -0.09 0.00	18.61 -1.06 0.00	20.29 -1.01 0.00	28.54 -1.12 0.00	-1.28 -0.95 22.15	-21.71 -0.78 40.00	20.40 -0.60 0.00	18.53 -0.47 0.00	17.45 -0.66 0.00	17.03 -0.33 0.00	17.34 -0.75 0.00	18.85 -0.61 0.00	24.63 -0.71 0.00	26.45 -1.41 0.00	20.64 -0.93 0.00	26.93 -1.03 0.00	20.82 -0.46 0.00	21.46 -0.07 0.00	21.87 -0.01 0.00
LACHUTE____HYDRO 323717	19.03 0.82 0.00	16.49 0.54 0.00	15.71 0.55 0.00	16.29 0.69 0.00	17.63 0.45 0.00	20.37 0.92 0.00	20.68 1.00 0.00	22.68 1.39 0.00	31.42 1.76 0.00	22.93 1.12 0.00	19.78 0.71 0.00	21.92 0.72 -0.20	19.43 0.44 0.00	18.47 0.37 0.00	17.71 0.35 0.00	18.70 0.61 0.00	20.49 1.03 0.00	26.97 1.60 -0.03	29.59 1.73 0.00	22.91 1.34 0.00	29.28 1.31 0.00	22.39 1.11 0.00	22.34 0.80 0.00	22.30 0.42 0.00
LAWRNCAY_115KV_TB1 80681	17.54 -0.67 0.00	15.32 -0.62 0.00	14.57 -0.59 0.00	15.20 -0.40 0.00	16.90 -0.29 0.00	19.04 -0.42 0.00	19.11 -0.56 0.00	20.62 -0.67 0.00	28.99 -0.67 0.00	23.87 -0.46 -2.52	23.13 -0.48 -4.55	20.56 -0.44 0.00	18.48 -0.51 0.00	17.58 -0.53 0.00	16.83 -0.53 0.00	17.42 -0.67 0.00	18.69 -0.77 0.00	24.42 -0.91 0.00	26.84 -1.02 0.00	20.89 -0.68 0.00	27.31 -0.66 0.00	20.87 -0.42 0.00	21.06 -0.48 0.00	21.36 -0.52 0.00
LEDERLE____ 23769	19.37 1.15 0.00	16.94 1.00 0.00	16.07 0.92 0.00	16.43 0.83 0.00	17.94 0.75 0.00	20.32 0.87 0.00	20.59 0.92 0.00	22.46 1.17 0.00	31.02 1.36 0.00	22.74 0.93 0.00	19.84 0.77 0.00	21.73 0.73 0.00	19.73 0.73 0.00	18.88 0.77 0.00	18.13 0.77 0.00	19.00 0.91 0.00	20.38 0.92 0.00	26.51 1.17 0.00	29.25 1.39 0.00	22.69 1.13 0.00	29.30 1.34 0.00	22.11 0.82 0.00	22.35 0.81 0.00	22.72 0.85 0.00
LIGHTHSE_115KV_TB6 355974	18.00 -0.21 0.00	15.63 -0.31 0.00	14.75 -0.40 0.00	15.27 -0.33 0.00	16.81 -0.37 0.00	19.01 -0.45 0.00	19.24 -0.43 0.00	20.84 -0.45 0.00	29.16 -0.50 0.00	21.59 -0.22 0.00	18.77 -0.29 0.00	20.71 -0.29 0.00	18.70 -0.30 0.00	17.85 -0.26 0.00	17.04 -0.32 0.00	17.71 -0.38 0.00	18.92 -0.54 0.00	24.67 -0.67 0.00	27.23 -0.64 0.00	21.33 -0.24 0.00	27.92 -0.04 0.00	21.20 -0.08 0.00	21.40 -0.13 0.00	21.78 -0.10 0.00
LINDEN COGEN____ 23786	19.35 1.14 0.00	16.97 1.03 0.00	16.11 0.96 0.00	16.46 0.86 0.00	17.92 0.74 0.00	20.31 0.85 0.00	20.64 0.97 0.00	22.47 1.18 0.00	31.03 1.37 0.00	22.79 0.98 0.00	19.89 0.82 0.00	21.76 0.76 0.00	19.78 0.79 0.00	18.93 0.82 0.00	18.21 0.85 0.00	19.09 1.00 0.00	20.46 1.00 0.00	26.51 1.17 0.00	29.22 1.35 0.00	22.69 1.12 0.00	29.29 1.32 0.00	22.05 0.77 0.00	22.27 0.73 0.00	22.63 0.74 0.00
LINDHRST_69_KV_BK1 356055	19.79 1.58 0.00	17.32 1.38 0.00	16.36 1.21 0.00	16.68 1.08 0.00	18.22 1.04 0.00	20.63 1.18 0.00	20.81 1.14 0.00	22.74 1.45 0.00	31.47 1.81 0.00	22.97 1.16 0.00	20.24 1.18 0.00	21.89 0.90 0.00	19.87 0.88 0.00	19.01 0.90 0.00	19.40 0.91 -1.13	22.49 1.37 -3.02	20.71 1.25 0.00	26.69 1.35 0.00	29.30 1.44 0.00	22.80 1.24 0.00	29.44 1.48 0.00	22.26 0.98 0.00	22.67 1.13 0.00	23.03 1.15 0.00
LIPA_MISC_IPP 23656	19.81 1.60 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.67 1.22 0.00	20.82 1.15 0.00	22.73 1.43 0.00	31.41 1.75 0.00	22.80 0.98 0.00	20.12 1.05 0.00	21.73 0.73 0.00	19.63 0.64 0.00	18.77 0.67 0.00	18.50 0.68 -0.46	21.38 1.17 -2.13	20.49 1.03 0.00	26.55 1.21 0.00	28.99 1.13 0.00	22.57 1.00 0.00	29.14 1.17 0.00	22.06 0.78 0.00	22.58 1.04 0.00	22.91 1.03 0.00
LISF____SOLAR 323691	19.85 1.64 0.00	17.40 1.46 0.00	16.44 1.29 0.00	16.74 1.14 0.00	18.29 1.11 0.00	20.71 1.25 0.00	20.86 1.19 0.00	22.77 1.48 0.00	31.47 1.81 0.00	22.84 1.02 0.00	20.15 1.08 0.00	21.75 0.75 0.00	19.63 0.64 0.00	18.77 0.67 0.00	18.51 0.68 -0.47	21.41 1.18 -2.14	20.51 1.05 0.00	26.60 1.26 0.00	29.04 1.18 0.00	22.60 1.04 0.00	29.19 1.22 0.00	22.11 0.82 0.00	22.62 1.09 0.00	22.95 1.07 0.00
LITTLE FALLS____HYD 24013	18.40 0.19 0.00	16.15 0.21 0.00	15.32 0.17 0.00	15.67 0.07 0.00	17.11 -0.07 0.00	19.39 -0.07 0.00	19.73 0.06 0.00	21.47 0.18 0.00	29.71 0.05 0.00	21.58 -0.23 0.00	18.76 -0.31 0.00	20.67 -0.33 0.00	18.53 -0.46 0.00	17.68 -0.43 0.00	16.88 -0.48 0.00	17.63 -0.46 0.00	19.05 -0.41 0.00	24.93 -0.41 0.00	27.75 -0.11 0.00	21.56 0.00 0.00	27.95 -0.01 0.00	21.22 -0.06 0.00	21.40 -0.13 0.00	21.64 -0.24 0.00

LITTLRIV_115KV_TB1 356100	17.71 -0.50 0.00	15.48 -0.46 0.00	14.71 -0.44 0.00	15.36 -0.24 0.00	17.09 -0.09 0.00	19.28 -0.18 0.00	19.40 -0.27 0.00	20.94 -0.35 0.00	29.40 -0.26 0.00	24.45 -0.15 -2.79	23.90 -0.20 -5.03	20.85 -0.15 0.00	18.70 -0.30 0.00	17.75 -0.36 0.00	16.96 -0.40 0.00	17.51 -0.57 0.00	18.77 -0.68 0.00	24.58 -0.76 0.00	27.05 -0.81 0.00	21.14 -0.43 0.00	27.72 -0.25 0.00	21.17 -0.11 0.00	21.34 -0.20 0.00	21.62 -0.26 0.00
LI_NEWBRDGE___DRP 323616	19.51 1.30 0.00	17.08 1.14 0.00	16.14 0.99 0.00	16.47 0.87 0.00	17.98 0.80 0.00	20.36 0.90 0.00	20.54 0.87 0.00	22.42 1.13 0.00	31.02 1.36 0.00	22.67 0.86 0.00	19.98 0.91 0.00	21.68 0.69 0.00	19.69 0.70 0.00	18.83 0.73 0.00	18.22 0.75 -0.11	20.81 1.09 -1.63	20.46 1.00 0.00	26.42 1.08 0.00	29.03 1.17 0.00	22.55 0.99 0.00	29.11 1.14 0.00	22.00 0.72 0.00	22.35 0.82 0.00	22.71 0.84 0.00
LOCKPORT_115KV_TB60_63_64 80432	14.85 -1.38 1.98	14.74 -1.14 0.06	14.24 -0.92 0.00	14.67 -0.93 0.00	16.26 -0.92 0.00	18.56 -0.90 0.00	18.87 -0.80 0.00	20.46 -0.83 0.00	28.12 -1.55 0.00	20.97 -0.84 0.00	18.75 -0.32 0.00	20.90 -0.10 0.00	19.00 0.00 0.00	18.13 0.03 0.00	17.43 0.07 0.00	17.96 -0.12 0.00	19.48 0.02 0.00	25.17 -0.17 0.00	27.37 -0.49 0.00	21.30 -0.26 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.81 0.28 0.00	22.50 0.61 0.00
LOCKPORT___CC1 323769	14.90 -1.36 1.96	14.74 -1.14 0.06	14.21 -0.95 0.00	14.67 -0.92 0.00	16.26 -0.92 0.00	18.55 -0.90 0.00	18.85 -0.82 0.00	20.46 -0.84 0.00	28.11 -1.55 0.00	20.97 -0.84 0.00	18.73 -0.33 0.00	20.89 -0.11 0.00	18.98 -0.01 0.00	18.14 0.04 0.00	17.43 0.07 0.00	17.97 -0.12 0.00	19.50 0.04 0.00	25.16 -0.18 0.00	27.37 -0.49 0.00	21.31 -0.26 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.80 0.27 0.00	22.49 0.61 0.00
LOCKPORT___CC2 323770	14.90 -1.36 1.96	14.74 -1.14 0.06	14.21 -0.95 0.00	14.67 -0.92 0.00	16.26 -0.92 0.00	18.55 -0.90 0.00	18.85 -0.82 0.00	20.46 -0.84 0.00	28.11 -1.55 0.00	20.97 -0.84 0.00	18.73 -0.33 0.00	20.89 -0.11 0.00	18.98 -0.01 0.00	18.14 0.04 0.00	17.43 0.07 0.00	17.97 -0.12 0.00	19.50 0.04 0.00	25.16 -0.18 0.00	27.37 -0.49 0.00	21.31 -0.26 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.80 0.27 0.00	22.49 0.61 0.00
LOCKPORT___CC3 323771	14.90 -1.36 1.96	14.74 -1.14 0.06	14.21 -0.95 0.00	14.67 -0.92 0.00	16.26 -0.92 0.00	18.55 -0.90 0.00	18.85 -0.82 0.00	20.46 -0.84 0.00	28.11 -1.55 0.00	20.97 -0.84 0.00	18.73 -0.33 0.00	20.89 -0.11 0.00	18.98 -0.01 0.00	18.14 0.04 0.00	17.43 0.07 0.00	17.97 -0.12 0.00	19.50 0.04 0.00	25.16 -0.18 0.00	27.37 -0.49 0.00	21.31 -0.26 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.80 0.27 0.00	22.49 0.61 0.00
LONG_LAKE_PHOENIX 24014	17.89 -0.31 0.00	15.64 -0.30 0.00	14.86 -0.29 0.00	15.27 -0.33 0.00	16.80 -0.38 0.00	19.07 -0.39 0.00	19.33 -0.34 0.00	20.96 -0.34 0.00	29.13 -0.53 0.00	21.46 -0.35 0.00	18.79 -0.27 0.00	20.71 -0.28 0.00	18.75 -0.24 0.00	17.86 -0.24 0.00	17.12 -0.23 0.00	17.83 -0.26 0.00	19.16 -0.30 0.00	25.00 -0.34 0.00	27.50 -0.36 0.00	21.35 -0.21 0.00	27.69 -0.28 0.00	21.03 -0.25 0.00	21.28 -0.26 0.00	21.63 -0.24 0.00
LOVETT___3 23632	19.28 1.07 0.00	16.87 0.93 0.00	16.00 0.84 0.00	16.36 0.76 0.00	17.86 0.67 0.00	20.23 0.77 0.00	20.49 0.82 0.00	22.35 1.05 0.00	30.86 1.20 0.00	22.63 0.82 0.00	19.74 0.67 0.00	21.62 0.62 0.00	19.62 0.63 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.90 0.81 0.00	20.27 0.81 0.00	26.35 1.01 0.00	29.07 1.21 0.00	22.55 0.99 0.00	29.12 1.16 0.00	21.98 0.70 0.00	22.22 0.68 0.00	22.60 0.72 0.00
LOVETT___4 23642	19.28 1.07 0.00	16.87 0.93 0.00	16.00 0.84 0.00	16.36 0.76 0.00	17.86 0.67 0.00	20.23 0.77 0.00	20.49 0.82 0.00	22.35 1.05 0.00	30.86 1.20 0.00	22.63 0.82 0.00	19.74 0.67 0.00	21.62 0.62 0.00	19.62 0.63 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.90 0.81 0.00	20.27 0.81 0.00	26.35 1.01 0.00	29.07 1.21 0.00	22.55 0.99 0.00	29.12 1.16 0.00	21.98 0.70 0.00	22.22 0.68 0.00	22.60 0.72 0.00
LOVETT___5 23593	19.28 1.07 0.00	16.87 0.93 0.00	16.00 0.84 0.00	16.36 0.76 0.00	17.86 0.67 0.00	20.23 0.77 0.00	20.49 0.82 0.00	22.35 1.05 0.00	30.86 1.20 0.00	22.63 0.82 0.00	19.74 0.67 0.00	21.62 0.62 0.00	19.62 0.63 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.90 0.81 0.00	20.27 0.81 0.00	26.35 1.01 0.00	29.07 1.21 0.00	22.55 0.99 0.00	29.12 1.16 0.00	21.98 0.70 0.00	22.22 0.68 0.00	22.60 0.72 0.00
LOWER RAQUET___HYD 24057	17.43 -0.78 0.00	15.22 -0.72 0.00	14.46 -0.69 0.00	15.11 -0.49 0.00	16.79 -0.39 0.00	18.91 -0.55 0.00	18.98 -0.69 0.00	20.48 -0.81 0.00	28.81 -0.85 0.00	24.27 -0.58 -3.04	23.95 -0.61 -5.49	20.43 -0.57 0.00	18.35 -0.64 0.00	17.45 -0.66 0.00	16.71 -0.65 0.00	17.28 -0.81 0.00	18.52 -0.93 0.00	24.23 -1.11 0.00	26.63 -1.23 0.00	20.75 -0.81 0.00	27.16 -0.81 0.00	20.75 -0.53 0.00	20.94 -0.60 0.00	21.23 -0.65 0.00
LOWER___HUDSON 24059	18.78 0.57 0.00	16.45 0.51 0.00	15.64 0.49 0.00	16.08 0.48 0.00	17.52 0.34 0.00	19.77 0.32 0.00	20.03 0.35 0.00	21.74 0.46 0.00	30.20 0.54 0.00	22.17 0.36 0.00	19.34 0.28 0.00	21.76 0.23 -0.53	19.22 0.23 0.00	18.26 0.15 0.00	17.44 0.08 0.00	18.29 0.20 0.00	19.75 0.29 0.00	25.87 0.45 -0.08	28.33 0.47 0.00	21.86 0.30 0.00	28.26 0.29 0.00	21.50 0.22 0.00	21.65 0.12 0.00	21.94 0.06 0.00
LOWVILLE_115KV_TB2 356335	18.35 0.14 0.00	15.79 -0.15 0.00	14.68 -0.48 0.00	15.44 -0.16 0.00	17.10 -0.08 0.00	19.17 -0.29 0.00	19.39 -0.28 0.00	20.89 -0.41 0.00	29.54 -0.12 0.00	22.88 0.19 -0.88	20.35 -0.30 -1.58	20.85 -0.15 0.00	18.74 -0.25 0.00	17.95 -0.16 0.00	17.12 -0.24 0.00	17.86 -0.23 0.00	18.85 -0.61 0.00	24.61 -0.73 0.00	27.35 -0.51 0.00	21.57 0.01 0.00	28.44 0.47 0.00	21.59 0.31 0.00	21.71 0.17 0.00	22.07 0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.89 0.68 0.00	16.51 0.57 0.00	15.70 0.55 0.00	16.14 0.55 0.00	17.64 0.45 0.00	19.98 0.52 0.00	20.26 0.58 0.00	22.01 0.72 0.00	30.58 0.92 0.00	22.39 0.58 0.00	19.46 0.40 0.00	21.64 0.41 -0.23	19.41 0.42 0.00	18.45 0.34 0.00	17.65 0.29 0.00	18.47 0.38 0.00	19.95 0.49 0.00	26.13 0.76 -0.03	28.72 0.86 0.00	22.23 0.67 0.00	28.74 0.77 0.00	21.83 0.55 0.00	21.98 0.44 0.00	22.26 0.37 0.00
LUTHERNY_35_KV_BK2 355980	18.89 0.68 0.00	16.51 0.56 0.00	15.71 0.56 0.00	16.14 0.54 0.00	17.66 0.48 0.00	20.00 0.54 0.00	20.27 0.59 0.00	22.03 0.74 0.00	30.60 0.94 0.00	22.41 0.60 0.00	19.46 0.40 0.00	21.65 0.42 -0.23	19.43 0.44 0.00	18.46 0.36 0.00	17.66 0.30 0.00	18.49 0.40 0.00	19.96 0.50 0.00	26.16 0.79 -0.03	28.75 0.90 0.00	22.26 0.70 0.00	28.78 0.81 0.00	21.85 0.57 0.00	21.99 0.45 0.00	22.28 0.40 0.00

LWR___OSWEGATCHIE_HYD 23850	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00
LYONS_FALL_HYD 23570	18.48 0.27 0.00	16.00 0.06 0.00	14.99 -0.16 0.00	15.63 0.03 0.00	17.27 0.08 0.00	19.45 -0.01 0.00	19.70 0.03 0.00	21.27 -0.02 0.00	29.89 0.23 0.00	22.76 0.36 -0.59	20.15 0.02 -1.06	21.13 0.13 0.00	19.03 0.04 0.00	18.21 0.10 0.00	17.39 0.03 0.00	18.13 0.05 0.00	19.30 -0.16 0.00	25.17 -0.17 0.00	27.89 0.03 0.00	21.85 0.29 0.00	28.64 0.67 0.00	21.74 0.46 0.00	21.89 0.36 0.00	22.24 0.36 0.00
MADISON___COUNTY_LFGE 323628	18.80 0.59 0.00	16.39 0.45 0.00	15.53 0.38 0.00	15.99 0.39 0.00	17.61 0.43 0.00	19.98 0.52 0.00	20.29 0.62 0.00	21.99 0.70 0.00	30.63 0.97 0.00	22.60 0.79 0.00	19.70 0.63 0.00	21.71 0.71 0.00	19.59 0.60 0.00	18.73 0.62 0.00	17.90 0.54 0.00	18.66 0.57 0.00	20.07 0.61 0.00	26.16 0.82 0.00	28.89 1.03 0.00	22.47 0.91 0.00	29.21 1.25 0.00	22.15 0.87 0.00	22.36 0.82 0.00	22.69 0.81 0.00
MALONE___115KV_TB1 356076	17.87 -0.34 0.00	15.63 -0.31 0.00	15.01 -0.15 0.00	15.70 0.10 0.00	17.35 0.16 0.00	19.41 -0.05 0.00	19.14 -0.54 0.00	20.79 -0.51 0.00	29.19 -0.47 0.00	34.88 -0.44 -13.51	43.04 -0.42 -24.39	20.78 -0.22 0.00	18.75 -0.24 0.00	17.77 -0.33 0.00	17.17 -0.18 0.00	17.57 -0.52 0.00	18.98 -0.48 0.00	24.80 -0.54 0.00	27.02 -0.84 0.00	21.07 -0.49 0.00	27.60 -0.37 0.00	21.19 -0.09 0.00	21.54 0.00 0.00	21.90 0.02 0.00
MAPLEWOD_115KV_TB3 80458	18.72 0.50 0.00	16.43 0.49 0.00	15.60 0.45 0.00	16.01 0.41 0.00	17.43 0.25 0.00	19.68 0.23 0.00	19.95 0.28 0.00	21.63 0.34 0.00	30.01 0.35 0.00	21.99 0.18 0.00	19.21 0.14 0.00	20.78 0.11 0.33	19.12 0.13 0.00	18.22 0.12 0.00	17.42 0.07 0.00	18.19 0.10 0.00	19.59 0.14 0.00	25.50 0.21 0.05	28.13 0.27 0.00	21.81 0.25 0.00	28.20 0.24 0.00	21.43 0.15 0.00	21.59 0.05 0.00	21.88 0.00 0.00
MAPLE_RIDGE_WT_1 323574	18.03 -0.18 0.00	15.68 -0.26 0.00	14.83 -0.32 0.00	15.44 -0.16 0.00	17.07 -0.11 0.00	19.28 -0.18 0.00	19.40 -0.28 0.00	20.92 -0.38 0.00	29.24 -0.42 0.00	21.64 -0.18 0.00	18.78 -0.29 0.00	20.77 -0.23 0.00	18.73 -0.26 0.00	17.82 -0.29 0.00	17.14 -0.22 0.00	17.86 -0.23 0.00	19.14 -0.32 0.00	24.96 -0.38 0.00	27.45 -0.42 0.00	21.26 -0.30 0.00	27.70 -0.27 0.00	21.11 -0.17 0.00	21.32 -0.21 0.00	21.68 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	18.03 -0.18 0.00	15.68 -0.26 0.00	14.83 -0.32 0.00	15.44 -0.16 0.00	17.07 -0.11 0.00	19.28 -0.18 0.00	19.40 -0.28 0.00	20.92 -0.38 0.00	29.24 -0.42 0.00	21.64 -0.18 0.00	18.78 -0.29 0.00	20.77 -0.23 0.00	18.73 -0.26 0.00	17.82 -0.29 0.00	17.14 -0.22 0.00	17.86 -0.23 0.00	19.14 -0.32 0.00	24.96 -0.38 0.00	27.45 -0.42 0.00	21.26 -0.30 0.00	27.70 -0.27 0.00	21.11 -0.17 0.00	21.32 -0.21 0.00	21.68 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	17.86 -0.35 0.00	15.64 -0.30 0.00	15.14 -0.01 0.00	15.96 0.36 0.00	17.45 0.27 0.00	19.23 -0.23 0.00	18.25 -1.42 0.00	19.90 -1.40 0.00	28.12 -1.54 0.00	-1.43 -1.28 21.96	-21.62 -1.03 39.66	19.97 -1.03 0.00	18.25 -0.74 0.00	17.11 -1.00 0.00	16.78 -0.58 0.00	16.97 -1.12 0.00	18.46 -1.00 0.00	24.19 -1.15 0.00	25.87 -1.99 0.00	20.23 -1.33 0.00	26.41 -1.55 0.00	20.48 -0.80 0.00	21.19 -0.35 0.00	21.66 -0.22 0.00
MARSHVLE_115KV_TB1 80742	19.31 1.10 0.00	16.77 0.83 0.00	15.94 0.79 0.00	16.43 0.84 0.00	18.25 1.07 0.00	20.78 1.33 0.00	21.04 1.37 0.00	22.79 1.50 0.00	31.82 2.16 0.00	23.42 1.61 0.00	20.31 1.25 0.00	22.40 1.40 0.00	20.34 1.35 0.00	19.45 1.34 0.00	18.51 1.16 0.00	19.25 1.16 0.00	20.59 1.13 0.00	26.73 1.39 0.00	29.75 1.89 0.00	23.23 1.67 0.00	30.34 2.37 0.00	23.05 1.77 0.00	23.37 1.83 0.00	23.81 1.93 0.00
MARSH_HILL_WT_PWR 323713	17.36 -0.85 0.00	15.15 -0.79 0.00	14.64 -0.51 0.00	15.23 -0.36 0.00	16.71 -0.47 0.00	18.95 -0.51 0.00	19.47 -0.20 0.00	21.31 0.02 0.00	29.25 -0.41 0.00	21.70 -0.11 0.00	19.19 0.13 0.00	21.54 0.54 0.00	19.49 0.49 0.00	18.67 0.56 0.00	17.94 0.59 0.00	18.60 0.51 0.00	20.18 0.72 0.00	26.08 0.74 0.00	28.69 0.82 0.00	22.43 0.87 0.00	29.19 1.23 0.00	22.24 0.96 0.00	22.69 1.15 0.00	23.24 1.36 0.00
MCINTYRE_115KV_TB2 80467	17.93 -0.28 0.00	15.69 -0.25 0.00	14.93 -0.23 0.00	15.57 -0.03 0.00	17.33 0.15 0.00	19.58 0.13 0.00	19.72 0.05 0.00	21.27 -0.02 0.00	29.84 0.19 0.00	24.37 0.18 -2.38	23.46 0.10 -4.30	21.17 0.17 0.00	18.93 -0.06 0.00	17.95 -0.16 0.00	17.15 -0.21 0.00	17.72 -0.37 0.00	19.00 -0.46 0.00	24.87 -0.47 0.00	27.36 -0.50 0.00	21.42 -0.14 0.00	28.12 0.15 0.00	21.48 0.20 0.00	21.64 0.10 0.00	21.92 0.04 0.00
MECO____69_KV_BK1 80468	20.26 2.05 0.00	17.60 1.66 0.00	16.68 1.53 0.00	17.21 1.61 0.00	19.12 1.94 0.00	21.99 2.53 0.00	22.40 2.73 0.00	24.37 3.08 0.00	33.70 4.04 0.00	24.56 2.75 0.00	21.28 2.22 0.00	23.55 2.55 0.00	21.22 2.23 0.00	20.39 2.29 0.00	19.21 1.85 0.00	19.97 1.88 0.00	21.28 1.82 0.00	27.74 2.40 0.00	31.36 3.50 0.00	24.82 3.25 0.00	32.49 4.52 0.00	24.58 3.30 0.00	24.78 3.24 0.00	25.20 3.32 0.00
MENANDS___115KV_TB5 355628	18.67 0.46 0.00	16.40 0.46 0.00	15.57 0.42 0.00	15.98 0.38 0.00	17.37 0.19 0.00	19.62 0.17 0.00	19.88 0.20 0.00	21.54 0.25 0.00	29.87 0.21 0.00	21.90 0.09 0.00	19.15 0.08 0.00	20.68 0.03 0.35	19.05 0.06 0.00	18.16 0.05 0.00	17.37 0.01 0.00	18.13 0.04 0.00	19.53 0.07 0.00	25.38 0.09 0.05	27.99 0.13 0.00	21.71 0.15 0.00	28.07 0.10 0.00	21.32 0.04 0.00	21.49 -0.05 0.00	21.78 -0.10 0.00
MG INDUSTRY___DRP 24185	18.63 0.42 0.00	16.36 0.42 0.00	15.54 0.39 0.00	15.94 0.34 0.00	17.38 0.20 0.00	19.65 0.19 0.00	19.90 0.23 0.00	21.56 0.27 0.00	29.89 0.23 0.00	21.89 0.09 0.00	19.09 0.03 0.00	20.84 0.01 0.17	19.04 0.06 0.00	18.09 -0.01 0.00	17.31 -0.05 0.00	18.01 -0.07 0.00	19.42 -0.04 0.00	25.26 -0.05 0.02	27.95 0.09 0.00	21.73 0.17 0.00	28.14 0.17 0.00	21.38 0.10 0.00	21.57 0.03 0.00	21.88 0.00 0.00
MID___OSWEGATCHIE_HYD 23849	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00

MID___RAQUETTE_HYD 23851	17.43 -0.78 0.00	15.22 -0.72 0.00	14.46 -0.69 0.00	15.11 -0.49 0.00	16.79 -0.39 0.00	18.91 -0.55 0.00	18.98 -0.69 0.00	20.48 -0.81 0.00	28.81 -0.85 0.00	24.27 -0.58 -3.04	23.95 -0.61 -5.49	20.43 -0.57 0.00	18.36 -0.64 0.00	17.45 -0.66 0.00	16.71 -0.65 0.00	17.28 -0.81 0.00	18.53 -0.93 0.00	24.23 -1.11 0.00	26.63 -1.23 0.00	20.75 -0.81 0.00	27.16 -0.81 0.00	20.75 -0.53 0.00	20.94 -0.60 0.00	21.23 -0.65 0.00
MILLIKEN___1 23584	18.83 0.36 -0.27	16.23 0.28 -0.01	15.46 0.31 0.00	15.84 0.24 0.00	17.44 0.26 0.00	19.83 0.37 0.00	20.15 0.48 0.00	21.90 0.61 0.00	30.25 0.60 0.00	22.28 0.47 0.00	19.55 0.48 0.00	21.60 0.61 0.00	19.57 0.58 0.00	18.68 0.57 0.00	17.92 0.56 0.00	18.63 0.54 0.00	20.11 0.65 0.00	26.15 0.81 0.00	28.81 0.95 0.00	22.43 0.86 0.00	29.08 1.11 0.00	22.07 0.79 0.00	22.37 0.83 0.00	22.81 0.93 0.00
MILLIKEN___2 23585	18.83 0.36 -0.27	16.23 0.28 -0.01	15.46 0.31 0.00	15.84 0.24 0.00	17.44 0.26 0.00	19.83 0.37 0.00	20.15 0.48 0.00	21.90 0.61 0.00	30.25 0.60 0.00	22.28 0.47 0.00	19.55 0.48 0.00	21.60 0.61 0.00	19.57 0.58 0.00	18.68 0.57 0.00	17.92 0.56 0.00	18.63 0.54 0.00	20.11 0.65 0.00	26.15 0.81 0.00	28.81 0.95 0.00	22.43 0.86 0.00	29.08 1.11 0.00	22.07 0.79 0.00	22.37 0.83 0.00	22.81 0.93 0.00
MILLIKEN___DIESEL 23629	18.83 0.36 -0.27	16.23 0.28 -0.01	15.46 0.31 0.00	15.84 0.24 0.00	17.44 0.26 0.00	19.83 0.37 0.00	20.15 0.48 0.00	21.90 0.61 0.00	30.25 0.60 0.00	22.28 0.47 0.00	19.55 0.48 0.00	21.60 0.61 0.00	19.57 0.58 0.00	18.68 0.57 0.00	17.92 0.56 0.00	18.63 0.54 0.00	20.11 0.65 0.00	26.15 0.81 0.00	28.81 0.95 0.00	22.43 0.86 0.00	29.08 1.11 0.00	22.07 0.79 0.00	22.37 0.83 0.00	22.81 0.93 0.00
MILLSEAT___LFGE 323607	15.15 -0.99 2.07	15.05 -0.83 0.06	14.50 -0.65 0.00	14.97 -0.63 0.00	16.59 -0.60 0.00	18.96 -0.50 0.00	19.30 -0.38 0.00	20.95 -0.34 0.00	28.81 -0.85 0.00	21.49 -0.32 0.00	19.19 0.12 0.00	21.39 0.39 0.00	19.44 0.45 0.00	18.56 0.45 0.00	17.83 0.47 0.00	18.39 0.30 0.00	19.92 0.46 0.00	25.75 0.41 0.00	28.04 0.18 0.00	21.84 0.27 0.00	28.44 0.48 0.00	21.69 0.41 0.00	22.24 0.71 0.00	22.88 1.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.33 1.12 0.00	16.91 0.97 0.00	16.04 0.89 0.00	16.40 0.80 0.00	17.88 0.70 0.00	20.27 0.81 0.00	20.55 0.88 0.00	22.41 1.12 0.00	30.97 1.32 0.00	22.73 0.92 0.00	19.84 0.78 0.00	21.73 0.73 0.00	19.72 0.73 0.00	18.86 0.75 0.00	18.11 0.75 0.00	18.99 0.90 0.00	20.36 0.90 0.00	26.43 1.09 0.00	29.12 1.26 0.00	22.60 1.04 0.00	29.18 1.22 0.00	22.03 0.75 0.00	22.25 0.72 0.00	22.60 0.72 0.00
MILLWOOD_13_KV_LOAD 356217	19.36 1.15 0.00	16.94 1.00 0.00	16.07 0.92 0.00	16.43 0.83 0.00	17.91 0.73 0.00	20.31 0.85 0.00	20.60 0.93 0.00	22.46 1.17 0.00	31.05 1.40 0.00	22.79 0.97 0.00	19.89 0.82 0.00	21.77 0.77 0.00	19.76 0.77 0.00	18.90 0.79 0.00	18.15 0.79 0.00	19.03 0.94 0.00	20.40 0.94 0.00	26.49 1.15 0.00	29.20 1.33 0.00	22.66 1.10 0.00	29.27 1.30 0.00	22.09 0.80 0.00	22.30 0.77 0.00	22.64 0.76 0.00
MODEL_CITY_ENERGY 24167	14.69 -1.58 1.93	14.56 -1.32 0.06	14.04 -1.12 0.00	14.51 -1.09 0.00	16.09 -1.10 0.00	18.35 -1.11 0.00	18.64 -1.04 0.00	20.21 -1.08 0.00	27.76 -1.90 0.00	20.71 -1.10 0.00	18.51 -0.56 0.00	20.63 -0.37 0.00	18.76 -0.23 0.00	17.93 -0.18 0.00	17.22 -0.14 0.00	17.76 -0.33 0.00	19.26 -0.20 0.00	24.85 -0.49 0.00	27.02 -0.84 0.00	21.04 -0.52 0.00	27.42 -0.55 0.00	20.93 -0.35 0.00	21.55 0.02 0.00	22.24 0.36 0.00
MODERN_LFGE___ 323580	14.69 -1.58 1.93	14.56 -1.32 0.06	14.04 -1.12 0.00	14.51 -1.09 0.00	16.09 -1.10 0.00	18.35 -1.11 0.00	18.64 -1.04 0.00	20.21 -1.08 0.00	27.76 -1.90 0.00	20.71 -1.10 0.00	18.51 -0.56 0.00	20.63 -0.37 0.00	18.76 -0.23 0.00	17.93 -0.18 0.00	17.22 -0.14 0.00	17.76 -0.33 0.00	19.26 -0.20 0.00	24.85 -0.49 0.00	27.02 -0.84 0.00	21.04 -0.52 0.00	27.42 -0.55 0.00	20.93 -0.35 0.00	21.55 0.02 0.00	22.24 0.36 0.00
MOHAWK_PAPER___DRP 24187	18.72 0.50 0.00	16.43 0.49 0.00	15.60 0.45 0.00	16.01 0.41 0.00	17.43 0.25 0.00	19.68 0.23 0.00	19.95 0.28 0.00	21.63 0.34 0.00	30.01 0.35 0.00	21.99 0.18 0.00	19.21 0.14 0.00	20.78 0.11 0.33	19.12 0.13 0.00	18.22 0.12 0.00	17.42 0.07 0.00	18.19 0.10 0.00	19.59 0.14 0.00	25.50 0.21 0.05	28.13 0.27 0.00	21.81 0.25 0.00	28.20 0.24 0.00	21.43 0.15 0.00	21.59 0.05 0.00	21.88 0.00 0.00
MOHICAN__35_KV_115KV_LD 80490	18.79 0.58 0.00	16.39 0.45 0.00	15.59 0.44 0.00	16.07 0.47 0.00	17.50 0.32 0.00	19.93 0.47 0.00	20.21 0.53 0.00	22.01 0.72 0.00	30.62 0.96 0.00	22.37 0.56 0.00	19.38 0.32 0.00	21.52 0.31 -0.21	19.28 0.29 0.00	18.31 0.20 0.00	17.51 0.15 0.00	18.36 0.28 0.00	19.91 0.45 0.00	26.14 0.77 -0.03	28.75 0.89 0.00	22.26 0.70 0.00	28.71 0.75 0.00	21.84 0.56 0.00	21.92 0.38 0.00	22.10 0.22 0.00
MONGAUP___HYD 23641	19.29 1.08 0.00	16.90 0.95 0.00	16.02 0.87 0.00	16.40 0.80 0.00	17.89 0.71 0.00	20.25 0.80 0.00	20.31 0.63 0.00	22.13 0.84 0.00	30.64 0.99 0.00	22.57 0.76 0.00	19.42 0.35 0.00	21.27 0.27 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.73 0.37 0.00	18.68 0.59 0.00	19.89 0.43 0.00	25.86 0.52 0.00	28.69 0.83 0.00	22.42 0.86 0.00	29.05 1.08 0.00	21.98 0.70 0.00	22.37 0.83 0.00	22.70 0.82 0.00
MONTAUK___DIESEL 23721	20.26 2.05 0.00	17.75 1.81 0.00	16.79 1.64 0.00	17.10 1.50 0.00	18.70 1.52 0.00	21.20 1.74 0.00	21.38 1.70 0.00	23.33 2.04 0.00	32.26 2.60 0.00	23.37 1.55 0.00	20.61 1.54 0.00	22.24 1.24 0.00	20.04 1.05 0.00	19.10 0.99 0.00	18.83 1.01 -0.46	21.74 1.52 -2.13	20.92 1.46 0.00	27.17 1.83 0.00	29.68 1.82 0.00	23.12 1.56 0.00	29.88 1.91 0.00	22.61 1.33 0.00	23.13 1.59 0.00	23.41 1.54 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.40 -0.30 1.51	15.56 -0.33 0.05	14.80 -0.35 0.00	15.04 -0.56 0.00	16.73 -0.45 0.00	19.22 -0.23 0.00	19.58 -0.10 0.00	21.45 0.16 0.00	29.47 -0.19 0.00	22.04 0.23 0.00	19.74 0.68 0.00	22.01 1.02 0.00	19.96 0.96 0.00	19.05 0.94 0.00	18.35 0.99 0.00	18.81 0.72 0.00	20.44 0.98 0.00	26.52 1.18 0.00	28.93 1.07 0.00	22.48 0.92 0.00	29.20 1.23 0.00	22.18 0.90 0.00	22.77 1.24 0.00	23.49 1.61 0.00
MORTIMER_115KV_TB3 55949	14.96 -0.80 2.45	15.19 -0.68 0.07	14.63 -0.52 0.00	15.08 -0.52 0.00	16.66 -0.53 0.00	19.01 -0.45 0.00	19.32 -0.35 0.00	20.95 -0.34 0.00	28.88 -0.78 0.00	21.46 -0.35 0.00	19.07 0.01 0.00	21.20 0.20 0.00	19.27 0.28 0.00	18.39 0.28 0.00	17.65 0.28 0.00	18.24 0.15 0.00	19.75 0.29 0.00	25.61 0.27 0.00	27.95 0.09 0.00	21.72 0.16 0.00	28.29 0.33 0.00	21.55 0.27 0.00	22.01 0.47 0.00	22.55 0.67 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.41 1.20 0.00	17.00 1.06 0.00	16.13 0.98 0.00	16.49 0.90 0.00	17.97 0.78 0.00	20.37 0.91 0.00	20.68 1.00 0.00	22.53 1.24 0.00	31.14 1.48 0.00	22.86 1.05 0.00	19.96 0.90 0.00	21.85 0.85 0.00	19.86 0.87 0.00	18.99 0.88 0.00	18.25 0.89 0.00	19.14 1.05 0.00	20.51 1.05 0.00	26.58 1.24 0.00	29.28 1.42 0.00	22.73 1.17 0.00	29.35 1.38 0.00	22.13 0.85 0.00	22.34 0.81 0.00	22.68 0.80 0.00
MUNSVILLE_WIND_PWR 323609	19.46 1.26 0.00	16.99 1.04 0.00	16.14 0.99 0.00	16.58 0.98 0.00	18.40 1.22 0.00	20.96 1.50 0.00	21.34 1.67 0.00	23.20 1.91 0.00	31.87 2.21 0.00	23.35 1.54 0.00	20.31 1.25 0.00	22.34 1.34 0.00	20.24 1.25 0.00	19.11 1.00 0.00	18.34 0.99 0.00	19.00 0.91 0.00	20.55 1.09 0.00	27.11 1.77 0.00	30.33 2.47 0.00	23.66 2.10 0.00	30.61 2.64 0.00	23.18 1.90 0.00	23.38 1.84 0.00	23.70 1.82 0.00
N SALMON___HYD 24042	17.87 -0.34 0.00	15.63 -0.31 0.00	15.01 -0.14 0.00	15.70 0.10 0.00	17.35 0.16 0.00	19.41 -0.05 0.00	19.14 -0.53 0.00	20.78 -0.51 0.00	29.19 -0.47 0.00	34.87 -0.44 -13.51	43.04 -0.42 -24.39	20.78 -0.22 0.00	18.75 -0.24 0.00	17.77 -0.34 0.00	17.17 -0.18 0.00	17.57 -0.52 0.00	18.98 -0.48 0.00	24.80 -0.54 0.00	27.02 -0.84 0.00	21.07 -0.49 0.00	27.60 -0.37 0.00	21.19 -0.09 0.00	21.54 0.00 0.00	21.90 0.02 0.00
N.AKRON___115KV_KNAPP 355671	15.09 -1.08 2.04	14.99 -0.89 0.06	14.47 -0.68 0.00	14.91 -0.69 0.00	16.52 -0.66 0.00	18.88 -0.58 0.00	19.22 -0.45 0.00	20.85 -0.44 0.00	28.67 -0.99 0.00	21.39 -0.42 0.00	19.11 0.05 0.00	21.30 0.30 0.00	19.36 0.36 0.00	18.47 0.36 0.00	17.75 0.39 0.00	18.29 0.21 0.00	19.82 0.36 0.00	25.63 0.29 0.00	27.89 0.03 0.00	21.71 0.15 0.00	28.30 0.33 0.00	21.59 0.31 0.00	22.16 0.63 0.00	22.82 0.94 0.00
N.BELMOR_69_KV_BK1 55787	19.62 1.41 0.00	17.18 1.24 0.00	16.23 1.08 0.00	16.56 0.96 0.00	18.08 0.90 0.00	20.48 1.02 0.00	20.68 1.01 0.00	22.58 1.29 0.00	31.24 1.59 0.00	22.85 1.03 0.00	20.10 1.04 0.00	21.81 0.81 0.00	19.82 0.83 0.00	18.94 0.84 0.00	20.84 0.85 -2.62	24.32 1.23 -5.00	20.61 1.15 0.00	26.58 1.24 0.00	29.21 1.35 0.00	22.71 1.14 0.00	29.32 1.36 0.00	22.16 0.88 0.00	22.51 0.97 0.00	22.87 0.99 0.00
N.E._GEN_SANDY PD 24062	19.28 0.87 -0.20	18.57 0.73 -1.90	17.04 0.70 -1.19	16.92 0.65 -0.66	17.69 0.51 0.00	20.01 0.55 0.00	20.24 0.57 0.00	22.07 0.78 0.00	30.52 0.89 0.02	22.44 0.63 0.00	19.59 0.52 0.00	21.53 0.46 -0.08	19.42 0.42 0.00	18.49 0.38 0.00	17.70 0.34 0.00	18.55 0.46 0.00	19.97 0.51 0.00	25.85 0.67 0.16	28.62 0.76 0.00	22.15 0.59 0.00	27.29 0.61 1.29	22.83 0.40 -1.15	21.63 0.28 0.19	22.10 0.22 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.31 1.10 0.00	16.89 0.95 0.00	16.02 0.87 0.00	16.39 0.79 0.00	17.89 0.70 0.00	20.26 0.80 0.00	20.53 0.85 0.00	22.39 1.10 0.00	30.91 1.26 0.00	22.66 0.85 0.00	19.77 0.70 0.00	21.66 0.66 0.00	19.65 0.66 0.00	18.80 0.69 0.00	18.07 0.71 0.00	18.93 0.85 0.00	20.31 0.85 0.00	26.41 1.07 0.00	29.13 1.27 0.00	22.60 1.04 0.00	29.19 1.22 0.00	22.02 0.74 0.00	22.27 0.74 0.00	22.64 0.76 0.00
N.QUEENS_27_KV_LOAD 356247	19.52 1.31 0.00	17.10 1.16 0.00	16.22 1.07 0.00	16.57 0.97 0.00	18.04 0.86 0.00	20.43 0.98 0.00	20.79 1.11 0.00	22.61 1.32 0.00	31.27 1.61 0.00	22.99 1.18 0.00	20.06 1.00 0.00	21.95 0.95 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.36 1.00 0.00	19.26 1.17 0.00	20.60 1.14 0.00	26.66 1.32 0.00	29.41 1.55 0.00	22.88 1.31 0.00	29.49 1.52 0.00	22.26 0.98 0.00	22.44 0.91 0.00	22.79 0.90 0.00
N.TROY___115KV_TB1 355778	18.78 0.57 0.00	16.45 0.51 0.00	15.64 0.49 0.00	16.08 0.48 0.00	17.52 0.34 0.00	19.77 0.32 0.00	20.03 0.36 0.00	21.74 0.46 0.00	30.20 0.54 0.00	22.17 0.36 0.00	19.34 0.27 0.00	21.76 0.22 -0.53	19.22 0.23 0.00	18.26 0.15 0.00	17.44 0.08 0.00	18.29 0.21 0.00	19.76 0.30 0.00	25.87 0.45 -0.08	28.33 0.47 0.00	21.87 0.30 0.00	28.26 0.29 0.00	21.50 0.22 0.00	21.65 0.12 0.00	21.94 0.06 0.00
NARROWS_GT1_1 24228	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_2 24229	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_3 24230	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_4 24231	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_5 24232	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_6 24233	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00

NARROWS_GT1_7 24234	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT1_8 24235	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_1 24236	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_2 24237	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_3 24238	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_4 24239	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_5 24240	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_6 24241	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_7 24242	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NARROWS_GT2_8 24243	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.79 0.58 0.00	16.53 0.59 0.00	15.70 0.55 0.00	16.12 0.52 0.00	17.54 0.36 0.00	19.84 0.38 0.00	20.15 0.48 0.00	21.86 0.57 0.00	30.33 0.67 0.00	22.11 0.30 0.00	19.20 0.14 0.00	20.86 0.03 0.17	19.16 0.16 0.00	18.20 0.09 0.00	17.36 0.00 0.00	18.00 -0.09 0.00	19.41 -0.05 0.00	25.39 0.07 0.02	28.16 0.29 0.00	22.02 0.46 0.00	28.57 0.60 0.00	21.72 0.44 0.00	21.84 0.30 0.00	22.08 0.20 0.00
NCHELSEA_115KV_TR2 355582	19.50 1.29 0.00	17.04 1.10 0.00	16.17 1.02 0.00	16.54 0.94 0.00	18.06 0.88 0.00	20.49 1.04 0.00	20.80 1.13 0.00	22.69 1.40 0.00	31.36 1.70 0.00	22.94 1.13 0.00	19.99 0.92 0.00	21.91 0.91 0.00	19.90 0.91 0.00	19.04 0.93 0.00	18.28 0.92 0.00	19.16 1.07 0.00	20.54 1.08 0.00	26.77 1.42 0.00	29.53 1.67 0.00	22.93 1.37 0.00	29.64 1.67 0.00	22.38 1.10 0.00	22.59 1.05 0.00	22.91 1.03 0.00
NEG CAPITAL___MECHNVIL 23645	18.91 0.70 0.00	16.53 0.59 0.00	15.72 0.56 0.00	16.16 0.56 0.00	17.64 0.46 0.00	19.98 0.52 0.00	20.26 0.59 0.00	22.01 0.72 0.00	30.57 0.92 0.00	22.40 0.59 0.00	19.47 0.40 0.00	21.73 0.42 -0.32	19.41 0.42 0.00	18.45 0.35 0.00	17.64 0.28 0.00	18.47 0.38 0.00	19.95 0.49 0.00	26.16 0.78 -0.05	28.72 0.86 0.00	22.22 0.66 0.00	28.72 0.76 0.00	21.82 0.54 0.00	21.96 0.42 0.00	22.22 0.34 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.38 -0.99 2.84	14.99 -0.86 0.08	14.42 -0.73 0.00	14.87 -0.73 0.00	16.43 -0.75 0.00	18.75 -0.71 0.00	19.05 -0.62 0.00	20.70 -0.59 0.00	28.58 -1.08 0.00	21.21 -0.60 0.00	18.82 -0.25 0.00	20.92 -0.08 0.00	19.00 0.01 0.00	18.14 0.03 0.00	17.39 0.03 0.00	18.00 -0.09 0.00	19.44 -0.02 0.00	25.20 -0.14 0.00	27.53 -0.34 0.00	21.41 -0.15 0.00	27.87 -0.10 0.00	21.23 -0.05 0.00	21.60 0.07 0.00	22.09 0.21 0.00
NEG CENTRAL___DRP 24199	22.46 -0.05 -4.30	16.00 -0.07 -0.13	15.17 0.02 0.00	15.57 -0.03 0.00	17.14 -0.04 0.00	19.53 0.08 0.00	19.89 0.21 0.00	21.64 0.35 0.00	29.76 0.11 0.00	22.03 0.22 0.00	19.42 0.35 0.00	21.58 0.58 0.00	19.56 0.57 0.00	18.68 0.58 0.00	17.93 0.57 0.00	18.59 0.50 0.00	20.10 0.64 0.00	26.09 0.75 0.00	28.66 0.80 0.00	22.29 0.72 0.00	28.87 0.90 0.00	21.99 0.71 0.00	22.33 0.80 0.00	22.82 0.93 0.00

NEG CENTRAL___INDECK 23768	16.90 -0.33 0.98	15.59 -0.32 0.03	14.98 -0.17 0.00	15.50 -0.10 0.00	17.08 -0.10 0.00	19.49 0.03 0.00	19.67 0.00 0.00	21.14 -0.15 0.00	28.75 -0.90 0.00	21.47 -0.34 0.00	19.05 -0.02 0.00	21.23 0.23 0.00	19.73 0.74 0.00	18.99 0.88 0.00	18.21 0.85 0.00	18.90 0.82 0.00	20.48 1.02 0.00	26.58 1.24 0.00	29.14 1.28 0.00	22.75 1.19 0.00	29.71 1.75 0.00	22.57 1.29 0.00	22.99 1.45 0.00	23.51 1.63 0.00
NEG CENTRAL___SENECA 23627	25.20 -0.17 -7.16	15.98 -0.17 -0.21	15.09 -0.06 0.00	15.51 -0.09 0.00	17.08 -0.10 0.00	19.47 0.01 0.00	19.85 0.18 0.00	21.63 0.33 0.00	29.65 -0.02 0.00	21.98 0.17 0.00	19.42 0.35 0.00	21.62 0.62 0.00	19.61 0.62 0.00	18.74 0.63 0.00	18.00 0.64 0.00	18.64 0.55 0.00	20.16 0.70 0.00	26.14 0.80 0.00	28.70 0.84 0.00	22.33 0.77 0.00	28.90 0.94 0.00	22.06 0.78 0.00	22.43 0.89 0.00	22.91 1.03 0.00
NEG CENTRAL___STATE_STREET 24147	19.25 0.18 -0.86	16.09 0.12 -0.03	15.37 0.22 0.00	15.73 0.13 0.00	17.32 0.14 0.00	19.72 0.26 0.00	20.04 0.37 0.00	21.76 0.47 0.00	30.08 0.43 0.00	22.20 0.39 0.00	19.52 0.46 0.00	21.62 0.62 0.00	19.58 0.59 0.00	18.69 0.58 0.00	17.92 0.57 0.00	18.61 0.52 0.00	20.09 0.63 0.00	26.12 0.78 0.00	28.74 0.87 0.00	22.34 0.78 0.00	28.98 1.01 0.00	22.00 0.72 0.00	22.32 0.79 0.00	22.86 0.98 0.00
NEG MILLWOOD___DRP 24198	19.50 1.29 0.00	17.05 1.11 0.00	16.17 1.02 0.00	16.55 0.95 0.00	18.06 0.88 0.00	20.49 1.04 0.00	20.81 1.14 0.00	22.71 1.42 0.00	31.39 1.73 0.00	23.00 1.19 0.00	20.06 0.99 0.00	21.96 0.96 0.00	19.93 0.94 0.00	19.07 0.97 0.00	18.31 0.95 0.00	19.19 1.10 0.00	20.57 1.11 0.00	26.77 1.42 0.00	29.52 1.66 0.00	22.92 1.35 0.00	29.61 1.64 0.00	22.36 1.08 0.00	22.55 1.01 0.00	22.87 0.99 0.00
NEG NORTH_FLCN_SEA 23793	18.05 -0.16 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.96 0.36 0.00	17.42 0.24 0.00	19.22 -0.24 0.00	18.29 -1.39 0.00	19.94 -1.35 0.00	28.09 -1.58 0.00	-1.40 -1.25 21.96	-21.61 -1.01 39.67	20.15 -0.85 0.00	18.34 -0.65 0.00	17.25 -0.86 0.00	16.86 -0.50 0.00	17.15 -0.94 0.00	18.65 -0.81 0.00	24.37 -0.97 0.00	26.01 -1.85 0.00	20.28 -1.28 0.00	26.41 -1.56 0.00	20.47 -0.81 0.00	21.25 -0.29 0.00	21.68 -0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	17.87 -0.34 0.00	15.64 -0.30 0.00	15.06 -0.09 0.00	15.76 0.16 0.00	17.36 0.17 0.00	19.38 -0.07 0.00	18.97 -0.70 0.00	20.61 -0.68 0.00	28.92 -0.74 0.00	-2.01 -0.70 23.12	-23.31 -0.63 41.75	20.57 -0.43 0.00	18.58 -0.41 0.00	17.59 -0.52 0.00	17.07 -0.29 0.00	17.42 -0.67 0.00	18.88 -0.58 0.00	24.68 -0.66 0.00	26.79 -1.07 0.00	20.87 -0.70 0.00	27.30 -0.67 0.00	20.99 -0.29 0.00	21.41 -0.12 0.00	21.80 -0.07 0.00
NEG NORTH___ALICE_FALLS 23915	18.04 -0.17 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.48 0.30 0.00	19.36 -0.09 0.00	18.61 -1.06 0.00	20.29 -1.01 0.00	28.54 -1.12 0.00	-1.28 -0.95 22.15	-21.71 -0.78 40.00	20.40 -0.60 0.00	18.53 -0.47 0.00	17.45 -0.66 0.00	17.03 -0.33 0.00	17.34 -0.75 0.00	18.85 -0.61 0.00	24.63 -0.71 0.00	26.45 -1.41 0.00	20.64 -0.93 0.00	26.93 -1.03 0.00	20.82 -0.46 0.00	21.46 -0.07 0.00	21.87 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	18.04 -0.17 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.48 0.30 0.00	19.36 -0.09 0.00	18.61 -1.06 0.00	20.29 -1.01 0.00	28.54 -1.12 0.00	-1.28 -0.95 22.15	-21.71 -0.78 40.00	20.40 -0.60 0.00	18.53 -0.47 0.00	17.45 -0.66 0.00	17.03 -0.33 0.00	17.34 -0.75 0.00	18.85 -0.61 0.00	24.63 -0.71 0.00	26.45 -1.41 0.00	20.64 -0.93 0.00	26.93 -1.03 0.00	20.82 -0.46 0.00	21.46 -0.07 0.00	21.87 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	18.04 -0.17 0.00	15.78 -0.16 0.00	15.19 0.04 0.00	15.95 0.36 0.00	17.48 0.30 0.00	19.36 -0.09 0.00	18.61 -1.06 0.00	20.29 -1.01 0.00	28.54 -1.12 0.00	-1.29 -0.95 22.15	-21.72 -0.79 40.00	20.40 -0.60 0.00	18.52 -0.47 0.00	17.45 -0.66 0.00	17.03 -0.33 0.00	17.34 -0.75 0.00	18.85 -0.61 0.00	24.63 -0.71 0.00	26.45 -1.41 0.00	20.64 -0.93 0.00	26.93 -1.03 0.00	20.82 -0.46 0.00	21.46 -0.07 0.00	21.87 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	14.89 -1.37 1.96	14.74 -1.14 0.06	14.24 -0.91 0.00	14.67 -0.93 0.00	16.26 -0.92 0.00	18.55 -0.90 0.00	18.86 -0.81 0.00	20.46 -0.83 0.00	28.11 -1.55 0.00	20.96 -0.85 0.00	18.74 -0.33 0.00	20.89 -0.11 0.00	18.98 -0.01 0.00	18.13 0.02 0.00	17.43 0.07 0.00	17.96 -0.13 0.00	19.47 0.02 0.00	25.16 -0.18 0.00	27.37 -0.50 0.00	21.30 -0.27 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.80 0.27 0.00	22.49 0.61 0.00
NEG WEST___LANCASTR 23811	16.26 -0.39 1.56	15.58 -0.32 0.05	14.96 -0.20 0.00	15.30 -0.30 0.00	16.88 -0.30 0.00	19.21 -0.25 0.00	19.49 -0.18 0.00	21.25 -0.04 0.00	29.11 -0.55 0.00	21.61 -0.20 0.00	19.27 0.21 0.00	21.51 0.51 0.00	19.58 0.59 0.00	18.75 0.64 0.00	18.03 0.66 0.00	18.60 0.51 0.00	20.18 0.72 0.00	25.99 0.65 0.00	28.24 0.38 0.00	21.94 0.38 0.00	28.60 0.63 0.00	21.72 0.44 0.00	22.38 0.85 0.00	23.17 1.29 0.00
NEG_PENN_ALLEGHNY 23528	18.48 0.27 0.00	16.15 0.21 0.00	15.36 0.21 0.00	15.73 0.13 0.00	17.28 0.10 0.00	19.64 0.18 0.00	19.91 0.23 0.00	21.68 0.39 0.00	29.91 0.26 0.00	22.00 0.18 0.00	19.33 0.26 0.00	21.36 0.36 0.00	19.36 0.36 0.00	18.47 0.36 0.00	17.74 0.38 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.75 0.41 0.00	28.29 0.43 0.00	21.98 0.42 0.00	28.48 0.52 0.00	21.62 0.34 0.00	21.98 0.45 0.00	22.42 0.53 0.00
NEG___GEN_MONROE 24207	15.05 -0.73 2.43	15.26 -0.61 0.07	14.70 -0.45 0.00	15.14 -0.45 0.00	16.75 -0.43 0.00	19.12 -0.34 0.00	19.45 -0.22 0.00	21.09 -0.20 0.00	29.05 -0.61 0.00	21.60 -0.21 0.00	19.22 0.15 0.00	21.38 0.38 0.00	19.44 0.44 0.00	18.55 0.44 0.00	17.80 0.44 0.00	18.39 0.30 0.00	19.91 0.46 0.00	25.82 0.48 0.00	28.16 0.30 0.00	21.90 0.33 0.00	28.53 0.56 0.00	21.72 0.44 0.00	22.20 0.66 0.00	22.76 0.88 0.00
NEPA___ENERGY 23901	16.32 -0.34 1.55	15.59 -0.30 0.05	14.94 -0.21 0.00	15.22 -0.38 0.00	16.81 -0.37 0.00	19.17 -0.29 0.00	19.45 -0.23 0.00	21.29 -0.01 0.00	29.09 -0.57 0.00	21.58 -0.23 0.00	19.24 0.17 0.00	21.40 0.40 0.00	19.43 0.44 0.00	18.60 0.49 0.00	17.92 0.56 0.00	18.43 0.34 0.00	20.02 0.56 0.00	25.86 0.52 0.00	28.19 0.33 0.00	21.91 0.35 0.00	28.49 0.52 0.00	21.67 0.38 0.00	22.36 0.82 0.00	23.08 1.20 0.00
NEVERSINK___HYD 23608	18.93 0.72 0.00	16.66 0.72 0.00	15.81 0.66 0.00	16.19 0.60 0.00	17.72 0.54 0.00	20.14 0.68 0.00	20.44 0.77 0.00	22.27 0.98 0.00	30.76 1.10 0.00	22.45 0.64 0.00	19.54 0.47 0.00	21.44 0.46 0.02	19.50 0.50 0.00	18.64 0.54 0.00	17.96 0.60 0.00	18.83 0.75 0.00	20.07 0.61 0.00	26.24 0.90 0.00	29.06 1.20 0.00	22.55 0.99 0.00	29.17 1.21 0.00	22.03 0.75 0.00	22.24 0.71 0.00	22.58 0.70 0.00

NEWKRMKL_115KV_TB1 55635	18.42 0.21 0.00	16.25 0.31 0.00	15.42 0.26 0.00	15.80 0.20 0.00	17.15 -0.03 0.00	19.37 -0.09 0.00	19.64 -0.04 0.00	21.29 0.00 0.00	29.56 -0.10 0.00	21.66 -0.15 0.00	18.96 -0.11 0.00	20.60 -0.18 0.23	18.90 -0.09 0.00	18.01 -0.09 0.00	17.19 -0.17 0.00	17.93 -0.16 0.00	19.31 -0.15 0.00	25.11 -0.20 0.03	27.70 -0.16 0.00	21.49 -0.07 0.00	27.79 -0.18 0.00	21.09 -0.19 0.00	21.25 -0.28 0.00	21.53 -0.35 0.00
NEWTON___FALLS_HYD 23847	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00
NGRID_A1_DSASP 323792	14.51 -1.78 1.92	14.40 -1.48 0.06	13.89 -1.26 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.43 -1.24 0.00	19.97 -1.32 0.00	27.43 -2.22 0.00	20.47 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.61 0.00	18.54 -0.45 0.00	17.72 -0.39 0.00	17.02 -0.34 0.00	17.56 -0.53 0.00	19.03 -0.43 0.00	24.56 -0.78 0.00	26.68 -1.17 0.00	20.79 -0.77 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
NGRID_A2_DSASP 323793	14.51 -1.78 1.92	14.40 -1.48 0.06	13.89 -1.26 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.43 -1.24 0.00	19.97 -1.32 0.00	27.43 -2.22 0.00	20.47 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.61 0.00	18.54 -0.45 0.00	17.72 -0.39 0.00	17.02 -0.34 0.00	17.56 -0.53 0.00	19.03 -0.43 0.00	24.56 -0.78 0.00	26.68 -1.17 0.00	20.79 -0.77 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
NGRID_A4_DSASP 323807	14.51 -1.78 1.92	14.40 -1.48 0.06	13.89 -1.26 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.43 -1.24 0.00	19.97 -1.32 0.00	27.43 -2.22 0.00	20.47 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.61 0.00	18.54 -0.45 0.00	17.72 -0.39 0.00	17.02 -0.34 0.00	17.56 -0.53 0.00	19.03 -0.43 0.00	24.56 -0.78 0.00	26.68 -1.17 0.00	20.79 -0.77 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
NIAGARA_115E_LBMP 323715	14.60 -1.70 1.91	14.47 -1.41 0.06	13.95 -1.21 0.00	14.42 -1.18 0.00	16.00 -1.19 0.00	18.24 -1.22 0.00	18.52 -1.16 0.00	20.07 -1.22 0.00	27.57 -2.09 0.00	20.57 -1.24 0.00	18.38 -0.68 0.00	20.49 -0.51 0.00	18.63 -0.36 0.00	17.80 -0.30 0.00	17.10 -0.26 0.00	17.64 -0.45 0.00	19.13 -0.33 0.00	24.68 -0.66 0.00	26.82 -1.04 0.00	20.90 -0.66 0.00	27.22 -0.75 0.00	20.78 -0.50 0.00	21.42 -0.12 0.00	22.11 0.22 0.00
NIAGARA_115W_LBMP 323714	14.46 -1.82 1.93	14.37 -1.52 0.06	13.85 -1.30 0.00	14.33 -1.27 0.00	15.89 -1.29 0.00	18.12 -1.34 0.00	18.39 -1.29 0.00	19.92 -1.37 0.00	27.36 -2.29 0.00	20.42 -1.39 0.00	18.25 -0.82 0.00	20.34 -0.66 0.00	18.50 -0.49 0.00	17.67 -0.44 0.00	16.98 -0.38 0.00	17.51 -0.58 0.00	18.98 -0.48 0.00	24.50 -0.84 0.00	26.62 -1.24 0.00	20.73 -0.83 0.00	27.01 -0.96 0.00	20.62 -0.66 0.00	21.26 -0.27 0.00	22.03 0.15 0.00
NIAGARA_230_LBMP 323716	14.76 -1.49 1.97	14.62 -1.26 0.06	14.10 -1.05 0.00	14.57 -1.03 0.00	16.12 -1.06 0.00	18.39 -1.07 0.00	18.65 -1.02 0.00	20.24 -1.05 0.00	27.81 -1.85 0.00	20.71 -1.10 0.00	18.50 -0.56 0.00	20.63 -0.37 0.00	18.76 -0.23 0.00	17.92 -0.18 0.00	17.21 -0.15 0.00	17.75 -0.34 0.00	19.25 -0.21 0.00	24.85 -0.49 0.00	27.02 -0.84 0.00	21.03 -0.53 0.00	27.42 -0.55 0.00	20.93 -0.36 0.00	21.54 0.00 0.00	22.23 0.35 0.00
NIAGARA___115KV_198_GIBSON 55903	14.45 -1.83 1.93	14.37 -1.51 0.06	13.89 -1.26 0.00	14.32 -1.27 0.00	15.89 -1.29 0.00	18.12 -1.34 0.00	18.40 -1.27 0.00	19.92 -1.37 0.00	27.36 -2.29 0.00	20.42 -1.39 0.00	18.26 -0.81 0.00	20.34 -0.65 0.00	18.50 -0.49 0.00	17.66 -0.45 0.00	16.97 -0.39 0.00	17.49 -0.60 0.00	18.96 -0.49 0.00	24.50 -0.84 0.00	26.62 -1.24 0.00	20.72 -0.84 0.00	27.01 -0.96 0.00	20.62 -0.66 0.00	21.26 -0.27 0.00	22.03 0.15 0.00
NIAGARA____ 23760	14.79 -1.49 1.93	14.62 -1.26 0.06	14.10 -1.05 0.00	14.57 -1.03 0.00	16.12 -1.06 0.00	18.39 -1.07 0.00	18.65 -1.02 0.00	20.24 -1.05 0.00	27.81 -1.85 0.00	20.71 -1.10 0.00	18.50 -0.56 0.00	20.63 -0.37 0.00	18.76 -0.23 0.00	17.92 -0.18 0.00	17.21 -0.15 0.00	17.75 -0.34 0.00	19.25 -0.21 0.00	24.85 -0.49 0.00	27.02 -0.84 0.00	21.03 -0.53 0.00	27.42 -0.55 0.00	20.93 -0.36 0.00	21.54 0.00 0.00	22.23 0.35 0.00
NINE_MILE_1 23575	17.72 -0.49 0.00	15.51 -0.44 0.00	14.74 -0.41 0.00	15.16 -0.43 0.00	16.68 -0.50 0.00	18.91 -0.55 0.00	19.15 -0.52 0.00	20.76 -0.53 0.00	28.85 -0.81 0.00	21.25 -0.56 0.00	18.61 -0.46 0.00	20.51 -0.49 0.00	18.56 -0.43 0.00	17.70 -0.41 0.00	16.96 -0.40 0.00	17.67 -0.42 0.00	19.01 -0.45 0.00	24.75 -0.59 0.00	27.22 -0.64 0.00	21.10 -0.46 0.00	27.37 -0.59 0.00	20.81 -0.47 0.00	21.07 -0.47 0.00	21.42 -0.46 0.00
NINE_MILE_2 23744	17.72 -0.49 0.00	15.51 -0.43 0.00	14.74 -0.41 0.00	15.16 -0.43 0.00	16.68 -0.50 0.00	18.91 -0.55 0.00	19.15 -0.52 0.00	20.76 -0.53 0.00	28.85 -0.81 0.00	21.25 -0.56 0.00	18.61 -0.46 0.00	20.51 -0.49 0.00	18.56 -0.43 0.00	17.70 -0.41 0.00	16.96 -0.39 0.00	17.67 -0.42 0.00	19.01 -0.45 0.00	24.76 -0.58 0.00	27.22 -0.64 0.00	21.10 -0.46 0.00	27.37 -0.59 0.00	20.81 -0.47 0.00	21.07 -0.47 0.00	21.42 -0.46 0.00
NM_CAPITAL___DRP 24208	18.47 0.26 0.00	16.27 0.33 0.00	15.44 0.29 0.00	15.84 0.24 0.00	17.20 0.01 0.00	19.41 -0.05 0.00	19.67 0.00 0.00	21.31 0.02 0.00	29.56 -0.10 0.00	21.68 -0.13 0.00	18.97 -0.10 0.00	20.47 -0.17 0.36	18.89 -0.11 0.00	18.01 -0.09 0.00	17.19 -0.16 0.00	17.95 -0.14 0.00	19.32 -0.14 0.00	25.10 -0.19 0.05	27.70 -0.16 0.00	21.49 -0.07 0.00	27.78 -0.19 0.00	21.10 -0.18 0.00	21.26 -0.28 0.00	21.55 -0.33 0.00
NM_CENTRAL___DRP 24181	18.14 -0.07 0.00	15.86 -0.08 0.00	15.08 -0.08 0.00	15.48 -0.12 0.00	17.02 -0.16 0.00	19.33 -0.12 0.00	19.60 -0.07 0.00	21.27 -0.02 0.00	29.55 -0.11 0.00	21.77 -0.04 0.00	19.09 0.02 0.00	21.06 0.06 0.00	19.05 0.06 0.00	18.17 0.06 0.00	17.42 0.06 0.00	18.13 0.05 0.00	19.52 0.06 0.00	25.41 0.06 0.00	27.94 0.08 0.00	21.68 0.12 0.00	28.11 0.15 0.00	21.35 0.08 0.00	21.63 0.09 0.00	21.99 0.11 0.00
NM_FRONTIER___DRP 24179	14.45 -1.83 1.93	14.37 -1.51 0.06	13.89 -1.26 0.00	14.32 -1.27 0.00	15.89 -1.29 0.00	18.12 -1.34 0.00	18.40 -1.27 0.00	19.92 -1.37 0.00	27.36 -2.29 0.00	20.42 -1.39 0.00	18.26 -0.81 0.00	20.34 -0.65 0.00	18.50 -0.49 0.00	17.66 -0.45 0.00	16.97 -0.39 0.00	17.49 -0.60 0.00	18.96 -0.49 0.00	24.50 -0.84 0.00	26.62 -1.24 0.00	20.72 -0.84 0.00	27.01 -0.96 0.00	20.62 -0.66 0.00	21.26 -0.27 0.00	22.03 0.15 0.00

NM_ST_REGIS___HYD 24053	17.55 -0.66 0.00	15.33 -0.61 0.00	14.61 -0.55 0.00	15.27 -0.33 0.00	16.95 -0.23 0.00	19.05 -0.40 0.00	19.03 -0.65 0.00	20.56 -0.73 0.00	28.92 -0.74 0.00	26.47 -0.54 -5.19	27.90 -0.55 -9.38	20.52 -0.48 0.00	18.47 -0.53 0.00	17.54 -0.57 0.00	16.84 -0.52 0.00	17.36 -0.73 0.00	18.65 -0.81 0.00	24.39 -0.95 0.00	26.74 -1.12 0.00	20.84 -0.73 0.00	27.28 -0.68 0.00	20.87 -0.41 0.00	21.11 -0.43 0.00	21.42 -0.45 0.00
NORTHPORT___1 23551	19.64 1.43 0.00	17.22 1.28 0.00	16.25 1.10 0.00	16.55 0.95 0.00	18.08 0.89 0.00	20.43 0.97 0.00	20.53 0.86 0.00	22.39 1.10 0.00	30.98 1.32 0.00	22.59 0.77 0.00	20.02 0.96 0.00	21.70 0.70 0.00	19.68 0.69 0.00	18.82 0.71 0.00	18.48 0.73 -0.39	21.26 1.13 -2.04	20.43 0.97 0.00	26.28 0.94 0.00	28.80 0.93 0.00	22.37 0.81 0.00	28.86 0.89 0.00	21.85 0.57 0.00	22.35 0.81 0.00	22.75 0.87 0.00
NORTHPORT___2 23552	19.64 1.43 0.00	17.22 1.28 0.00	16.25 1.10 0.00	16.55 0.95 0.00	18.08 0.89 0.00	20.43 0.97 0.00	20.53 0.86 0.00	22.39 1.10 0.00	30.98 1.32 0.00	22.59 0.77 0.00	20.02 0.96 0.00	21.70 0.70 0.00	19.68 0.69 0.00	18.82 0.71 0.00	18.48 0.73 -0.39	21.26 1.13 -2.04	20.43 0.97 0.00	26.28 0.94 0.00	28.80 0.93 0.00	22.37 0.81 0.00	28.86 0.89 0.00	21.85 0.57 0.00	22.35 0.81 0.00	22.75 0.87 0.00
NORTHPORT___3 23553	19.61 1.40 0.00	17.18 1.24 0.00	16.24 1.09 0.00	16.55 0.95 0.00	18.07 0.89 0.00	20.44 0.98 0.00	20.60 0.92 0.00	22.46 1.17 0.00	31.06 1.41 0.00	22.68 0.87 0.00	20.02 0.95 0.00	21.73 0.73 0.00	19.72 0.73 0.00	18.84 0.73 0.00	18.50 0.75 -0.38	21.26 1.15 -2.02	20.50 1.04 0.00	26.41 1.07 0.00	28.95 1.09 0.00	22.49 0.93 0.00	29.02 1.06 0.00	21.94 0.66 0.00	22.38 0.84 0.00	22.78 0.90 0.00
NORTHPORT___4 23650	19.61 1.40 0.00	17.18 1.24 0.00	16.24 1.09 0.00	16.55 0.95 0.00	18.07 0.89 0.00	20.44 0.98 0.00	20.60 0.92 0.00	22.46 1.17 0.00	31.06 1.41 0.00	22.68 0.87 0.00	20.02 0.95 0.00	21.73 0.73 0.00	19.72 0.73 0.00	18.84 0.73 0.00	18.50 0.75 -0.38	21.26 1.15 -2.02	20.50 1.04 0.00	26.41 1.07 0.00	28.95 1.09 0.00	22.49 0.93 0.00	29.02 1.06 0.00	21.94 0.66 0.00	22.38 0.84 0.00	22.78 0.90 0.00
NORTHPORT___IC 23718	19.64 1.43 0.00	17.22 1.28 0.00	16.25 1.10 0.00	16.55 0.95 0.00	18.08 0.89 0.00	20.43 0.98 0.00	20.53 0.86 0.00	22.39 1.10 0.00	30.98 1.32 0.00	22.59 0.77 0.00	20.02 0.95 0.00	21.70 0.70 0.00	19.68 0.69 0.00	18.82 0.72 0.00	18.48 0.72 -0.39	21.26 1.13 -2.04	20.44 0.98 0.00	26.28 0.94 0.00	28.80 0.94 0.00	22.37 0.81 0.00	28.86 0.89 0.00	21.85 0.57 0.00	22.35 0.81 0.00	22.75 0.87 0.00
NORTH___COUNTRY_ESR 323785	17.82 -0.39 0.00	15.60 -0.34 0.00	15.02 -0.13 0.00	15.72 0.12 0.00	17.32 0.14 0.00	19.33 -0.13 0.00	18.92 -0.75 0.00	20.57 -0.72 0.00	28.86 -0.80 0.00	-2.08 -0.74 23.15	-23.41 -0.68 41.80	20.53 -0.47 0.00	18.56 -0.43 0.00	17.56 -0.55 0.00	17.04 -0.31 0.00	17.40 -0.69 0.00	18.86 -0.59 0.00	24.66 -0.68 0.00	26.76 -1.11 0.00	20.81 -0.76 0.00	27.21 -0.76 0.00	20.93 -0.35 0.00	21.35 -0.18 0.00	21.74 -0.14 0.00
NPX_GEN_1385_PROXY 323591	19.60 1.39 0.00	17.22 1.28 0.00	16.30 1.15 0.00	16.55 0.95 0.00	18.08 0.90 0.00	20.53 1.08 0.00	20.64 0.97 0.00	22.58 1.29 0.00	31.96 1.62 -0.67	22.58 0.77 0.00	19.98 0.91 0.00	21.56 0.56 0.00	19.57 0.58 0.00	18.70 0.59 0.00	18.30 0.54 -0.39	21.08 0.95 -2.04	20.39 0.93 0.00	26.29 0.94 0.00	28.84 0.98 0.00	22.49 0.92 0.00	28.90 0.93 0.00	21.82 0.54 0.00	22.38 0.84 0.00	22.64 0.75 0.00
NPX_GEN_CSC 323557	19.79 1.58 0.00	17.36 1.42 0.00	16.42 1.27 0.00	16.71 1.11 0.00	18.25 1.07 0.00	20.67 1.21 0.00	20.81 1.14 0.00	22.71 1.41 0.00	32.08 1.75 -0.67	22.71 0.90 0.00	20.04 0.97 0.00	21.63 0.63 0.00	19.52 0.53 0.00	18.67 0.56 0.00	18.40 0.58 -0.46	21.29 1.07 -2.13	20.39 0.93 0.00	26.47 1.13 0.00	28.84 0.98 0.00	22.44 0.88 0.00	28.99 1.02 0.00	21.97 0.69 0.00	22.53 0.99 0.00	22.81 0.93 0.00
NSINS_S_GLNS_FALLS 23858	18.77 0.56 0.00	16.37 0.43 0.00	15.57 0.41 0.00	16.04 0.44 0.00	17.48 0.29 0.00	19.91 0.45 0.00	20.19 0.52 0.00	21.99 0.70 0.00	30.59 0.93 0.00	22.35 0.54 0.00	19.37 0.30 0.00	21.50 0.30 -0.20	19.26 0.27 0.00	18.30 0.20 0.00	17.51 0.15 0.00	18.36 0.27 0.00	19.89 0.44 0.00	26.11 0.74 -0.03	28.73 0.87 0.00	22.24 0.68 0.00	28.70 0.73 0.00	21.82 0.54 0.00	21.90 0.36 0.00	22.08 0.20 0.00
NUCOR_STEEL___DRP 24197	18.40 0.19 0.00	16.08 0.14 0.00	15.39 0.24 0.00	15.73 0.14 0.00	17.33 0.15 0.00	19.72 0.26 0.00	20.03 0.36 0.00	21.75 0.46 0.00	30.09 0.43 0.00	22.20 0.39 0.00	19.52 0.45 0.00	21.60 0.60 0.00	19.57 0.58 0.00	18.68 0.57 0.00	17.91 0.55 0.00	18.60 0.51 0.00	20.07 0.62 0.00	26.11 0.77 0.00	28.71 0.85 0.00	22.32 0.76 0.00	28.96 1.00 0.00	21.98 0.70 0.00	22.30 0.77 0.00	22.86 0.97 0.00
NUMBER_THREE_WT_PWR 323818	18.32 0.11 0.00	15.76 -0.18 0.00	14.63 -0.52 0.00	15.41 -0.19 0.00	17.06 -0.12 0.00	19.12 -0.34 0.00	19.34 -0.33 0.00	20.82 -0.47 0.00	29.47 -0.19 0.00	22.87 0.15 -0.91	20.35 -0.35 -1.64	20.80 -0.20 0.00	18.70 -0.30 0.00	17.91 -0.20 0.00	17.08 -0.28 0.00	17.81 -0.28 0.00	18.80 -0.66 0.00	24.55 -0.79 0.00	27.27 -0.59 0.00	21.52 -0.04 0.00	28.38 0.42 0.00	21.55 0.27 0.00	21.67 0.13 0.00	22.03 0.15 0.00
NYISO_LBMP_REFERENCE 24008	18.21 0.00 0.00	15.94 0.00 0.00	15.15 0.00 0.00	15.60 0.00 0.00	17.18 0.00 0.00	19.46 0.00 0.00	19.67 0.00 0.00	21.29 0.00 0.00	29.66 0.00 0.00	21.81 0.00 0.00	19.06 0.00 0.00	21.00 0.00 0.00	18.99 0.00 0.00	18.11 0.00 0.00	17.36 0.00 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.34 0.00 0.00	27.86 0.00 0.00	21.56 0.00 0.00	27.97 0.00 0.00	21.28 0.00 0.00	21.54 0.00 0.00	21.88 0.00 0.00
NYPA_BRENTWD____GT 24164	19.81 1.60 0.00	17.36 1.42 0.00	16.39 1.23 0.00	16.70 1.10 0.00	18.24 1.06 0.00	20.64 1.19 0.00	20.79 1.12 0.00	22.70 1.41 0.00	31.40 1.74 0.00	22.90 1.09 0.00	20.23 1.16 0.00	21.88 0.88 0.00	19.83 0.83 0.00	18.96 0.86 0.00	18.77 0.87 -0.55	21.70 1.36 -2.24	20.67 1.21 0.00	26.63 1.29 0.00	29.20 1.34 0.00	22.71 1.15 0.00	29.32 1.35 0.00	22.18 0.89 0.00	22.64 1.10 0.00	23.02 1.14 0.00
NYPA_GOWANUS____GT5 24156	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00

NYPA_GOWANUS____GT6 24157	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.68 1.39 0.00	31.32 1.66 0.00	23.02 1.21 0.00	20.07 1.00 0.00	21.98 0.98 0.00	19.97 0.98 0.00	19.10 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.56 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00
NYPA_HARLEM__RVR__GT1 24160	19.46 1.25 0.00	17.07 1.13 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.42 0.96 0.00	20.76 1.09 0.00	22.57 1.28 0.00	31.20 1.54 0.00	22.93 1.12 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.94 0.00	19.05 0.94 0.00	18.31 0.95 0.00	19.21 1.12 0.00	20.54 1.09 0.00	26.59 1.25 0.00	29.34 1.47 0.00	22.81 1.25 0.00	29.41 1.44 0.00	22.20 0.92 0.00	22.39 0.85 0.00	22.73 0.85 0.00
NYPA_HARLEM__RVR__GT2 24161	19.46 1.25 0.00	17.07 1.13 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.42 0.96 0.00	20.76 1.09 0.00	22.57 1.28 0.00	31.20 1.54 0.00	22.93 1.12 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.94 0.00	19.05 0.94 0.00	18.31 0.95 0.00	19.21 1.12 0.00	20.54 1.09 0.00	26.59 1.25 0.00	29.34 1.47 0.00	22.81 1.25 0.00	29.41 1.44 0.00	22.20 0.92 0.00	22.39 0.85 0.00	22.73 0.85 0.00
NYPA_KENT____GT 24152	19.50 1.29 0.00	17.09 1.15 0.00	16.23 1.08 0.00	16.60 1.00 0.00	18.08 0.89 0.00	20.49 1.03 0.00	20.81 1.14 0.00	22.65 1.36 0.00	31.29 1.63 0.00	22.99 1.18 0.00	20.06 0.99 0.00	21.96 0.96 0.00	19.96 0.96 0.00	19.09 0.98 0.00	18.36 1.00 0.00	19.25 1.16 0.00	20.60 1.15 0.00	26.71 1.37 0.00	29.44 1.58 0.00	22.86 1.30 0.00	29.50 1.53 0.00	22.24 0.96 0.00	22.45 0.91 0.00	22.79 0.91 0.00
NYPA_POUCH1____GT 24155	19.55 1.33 0.00	17.12 1.18 0.00	16.28 1.13 0.00	16.72 1.12 0.00	18.22 1.03 -0.01	20.66 1.19 -0.01	20.90 1.23 0.00	22.68 1.39 0.00	31.29 1.63 0.00	22.98 1.17 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.91 0.91 0.00	19.04 0.93 0.00	18.33 0.98 0.00	19.22 1.13 0.00	20.56 1.10 0.00	26.69 1.35 0.00	29.45 1.59 0.00	22.89 1.32 0.00	29.55 1.58 0.00	22.27 0.99 0.00	22.50 0.96 0.00	22.85 0.97 0.00
NYPA_VERNON____GT2 24162	19.46 1.25 0.00	17.06 1.12 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.77 1.10 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.74 0.86 0.00
NYPA_VERNON____GT3 24163	19.46 1.25 0.00	17.06 1.12 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.77 1.10 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.74 0.86 0.00
NYPA__ASTORIA_CC1 323568	19.44 1.23 0.00	17.05 1.11 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.41 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.84 0.00
NYPA__ASTORIA_CC2 323569	19.44 1.23 0.00	17.05 1.11 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.02 0.84 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.94 1.13 0.00	20.02 0.95 0.00	21.92 0.92 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.57 1.11 0.00	26.65 1.31 0.00	29.36 1.50 0.00	22.80 1.24 0.00	29.41 1.45 0.00	22.17 0.89 0.00	22.38 0.84 0.00	22.72 0.84 0.00
NYPA__HOLTSVILL 23794	19.74 1.53 0.00	17.30 1.36 0.00	16.35 1.19 0.00	16.64 1.05 0.00	18.18 1.00 0.00	20.59 1.13 0.00	20.73 1.06 0.00	22.62 1.33 0.00	31.26 1.60 0.00	22.77 0.96 0.00	20.11 1.05 0.00	21.75 0.75 0.00	19.68 0.69 0.00	18.83 0.72 0.00	18.54 0.73 -0.46	21.41 1.20 -2.12	20.51 1.05 0.00	26.50 1.16 0.00	28.99 1.13 0.00	22.55 0.99 0.00	29.11 1.14 0.00	22.03 0.75 0.00	22.52 0.98 0.00	22.90 1.02 0.00
NYPA____HELLGATE_GT1 24158	19.46 1.25 0.00	17.07 1.13 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.42 0.96 0.00	20.76 1.09 0.00	22.57 1.28 0.00	31.20 1.54 0.00	22.93 1.12 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.93 0.00	19.05 0.94 0.00	18.31 0.95 0.00	19.21 1.12 0.00	20.54 1.09 0.00	26.60 1.26 0.00	29.34 1.47 0.00	22.81 1.25 0.00	29.41 1.44 0.00	22.20 0.92 0.00	22.39 0.85 0.00	22.73 0.85 0.00
NYPA____HELLGATE_GT2 24159	19.46 1.25 0.00	17.07 1.13 0.00	16.20 1.05 0.00	16.55 0.95 0.00	18.02 0.84 0.00	20.42 0.96 0.00	20.76 1.09 0.00	22.57 1.28 0.00	31.20 1.54 0.00	22.93 1.12 0.00	20.01 0.95 0.00	21.91 0.91 0.00	19.93 0.93 0.00	19.05 0.94 0.00	18.31 0.95 0.00	19.21 1.12 0.00	20.54 1.09 0.00	26.60 1.26 0.00	29.34 1.47 0.00	22.81 1.25 0.00	29.41 1.44 0.00	22.20 0.92 0.00	22.39 0.85 0.00	22.73 0.85 0.00
NYS_BARGE__HYD 23848	14.86 -1.37 1.98	14.73 -1.15 0.06	14.20 -0.95 0.00	14.67 -0.93 0.00	16.26 -0.92 0.00	18.56 -0.90 0.00	18.86 -0.82 0.00	20.46 -0.83 0.00	28.12 -1.54 0.00	20.97 -0.84 0.00	18.74 -0.32 0.00	20.89 -0.11 0.00	18.99 0.00 0.00	18.15 0.04 0.00	17.43 0.07 0.00	17.98 -0.11 0.00	19.50 0.04 0.00	25.17 -0.17 0.00	27.37 -0.49 0.00	21.31 -0.25 0.00	27.77 -0.20 0.00	21.19 -0.09 0.00	21.81 0.27 0.00	22.50 0.61 0.00
OAK ORCHARD__HYD 24046	14.96 -0.79 2.45	15.19 -0.68 0.07	14.61 -0.55 0.00	15.08 -0.52 0.00	16.66 -0.53 0.00	19.01 -0.45 0.00	19.31 -0.36 0.00	20.95 -0.34 0.00	28.88 -0.78 0.00	21.46 -0.35 0.00	19.07 0.00 0.00	21.20 0.20 0.00	19.27 0.28 0.00	18.40 0.29 0.00	17.65 0.28 0.00	18.25 0.16 0.00	19.76 0.31 0.00	25.61 0.27 0.00	27.95 0.09 0.00	21.73 0.17 0.00	28.30 0.33 0.00	21.55 0.26 0.00	22.01 0.47 0.00	22.55 0.67 0.00
OAKDALE__35_KV_LOAD 356122	18.43 0.22 0.00	16.11 0.17 0.00	15.33 0.18 0.00	15.71 0.11 0.00	17.26 0.07 0.00	19.59 0.13 0.00	19.86 0.18 0.00	21.61 0.32 0.00	29.84 0.19 0.00	21.95 0.14 0.00	19.28 0.21 0.00	21.29 0.29 0.00	19.30 0.30 0.00	18.41 0.30 0.00	17.68 0.33 0.00	18.38 0.29 0.00	19.81 0.35 0.00	25.72 0.38 0.00	28.26 0.40 0.00	21.95 0.39 0.00	28.46 0.49 0.00	21.61 0.33 0.00	21.97 0.43 0.00	22.40 0.52 0.00

OCC_CHEM___DRP 24175	14.50 -1.79 1.92	14.41 -1.48 0.06	13.92 -1.23 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.44 -1.23 0.00	19.97 -1.32 0.00	27.44 -2.22 0.00	20.46 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.60 0.00	18.55 -0.45 0.00	17.71 -0.40 0.00	17.02 -0.34 0.00	17.54 -0.55 0.00	19.01 -0.45 0.00	24.56 -0.78 0.00	26.69 -1.17 0.00	20.78 -0.78 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
OH_GEN_PROXY 24063	14.83 -1.41 1.98	14.69 -1.19 0.06	14.16 -0.99 0.00	14.63 -0.97 0.00	16.18 -1.00 0.00	18.45 -1.01 0.00	18.71 -0.96 0.00	20.31 -0.99 0.00	28.57 -1.76 -0.67	20.77 -1.04 0.00	18.54 -0.53 0.00	20.67 -0.33 0.00	18.80 -0.19 0.00	17.96 -0.15 0.00	17.24 -0.12 0.00	17.79 -0.30 0.00	19.29 -0.16 0.00	24.92 -0.43 0.00	27.08 -0.78 0.00	-34.78 -0.49 55.85	27.48 -0.49 0.00	20.96 -0.32 0.00	21.57 0.03 0.00	22.25 0.37 0.00
OLIN_CORP_DRP 24177	14.65 -1.67 1.89	14.51 -1.38 0.06	14.02 -1.14 0.00	14.45 -1.15 0.00	16.03 -1.16 0.00	18.28 -1.18 0.00	18.57 -1.10 0.00	20.12 -1.18 0.00	27.63 -2.03 0.00	20.61 -1.20 0.00	18.42 -0.64 0.00	20.53 -0.46 0.00	18.67 -0.33 0.00	17.83 -0.28 0.00	17.14 -0.22 0.00	17.66 -0.43 0.00	19.15 -0.31 0.00	24.73 -0.61 0.00	26.88 -0.98 0.00	20.93 -0.64 0.00	27.27 -0.69 0.00	20.83 -0.45 0.00	21.45 -0.08 0.00	22.14 0.26 0.00
OLIN_CORP_DSASP 323712	14.51 -1.78 1.92	14.40 -1.48 0.06	13.89 -1.26 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.43 -1.24 0.00	19.97 -1.32 0.00	27.43 -2.22 0.00	20.47 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.61 0.00	18.54 -0.45 0.00	17.72 -0.39 0.00	17.02 -0.34 0.00	17.56 -0.53 0.00	19.03 -0.43 0.00	24.56 -0.78 0.00	26.68 -1.17 0.00	20.79 -0.77 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
ONEIDA_HERK_LFGE 323681	18.56 0.34 0.00	16.11 0.17 0.00	15.16 0.01 0.00	15.74 0.14 0.00	17.36 0.17 0.00	19.60 0.14 0.00	19.87 0.19 0.00	21.48 0.19 0.00	30.08 0.43 0.00	22.70 0.46 0.00	20.03 0.19 0.00	21.27 0.27 0.00	19.18 0.19 0.00	18.34 0.23 0.00	17.53 0.17 0.00	18.28 0.19 0.00	19.53 0.07 0.00	25.46 0.11 0.00	28.16 0.30 0.00	22.00 0.43 0.00	28.73 0.76 0.00	21.80 0.52 0.00	21.99 0.45 0.00	22.32 0.44 0.00
ONEIDA___115KV_TB4 55905	18.80 0.59 0.00	16.39 0.45 0.00	15.53 0.38 0.00	15.99 0.39 0.00	17.61 0.43 0.00	19.98 0.52 0.00	20.29 0.62 0.00	21.99 0.70 0.00	30.63 0.97 0.00	22.60 0.79 0.00	19.70 0.63 0.00	21.71 0.71 0.00	19.59 0.60 0.00	18.73 0.62 0.00	17.90 0.54 0.00	18.66 0.57 0.00	20.07 0.61 0.00	26.16 0.82 0.00	28.89 1.03 0.00	22.47 0.91 0.00	29.21 1.25 0.00	22.15 0.87 0.00	22.36 0.82 0.00	22.69 0.81 0.00
ONONDAGA_REF_OCCRA 23987	18.32 0.11 0.00	16.01 0.07 0.00	15.22 0.07 0.00	15.63 0.03 0.00	17.19 0.01 0.00	19.53 0.07 0.00	19.81 0.14 0.00	21.50 0.21 0.00	29.86 0.20 0.00	22.00 0.19 0.00	19.29 0.22 0.00	21.28 0.29 0.00	19.26 0.27 0.00	18.37 0.26 0.00	17.61 0.25 0.00	18.33 0.24 0.00	19.74 0.28 0.00	25.69 0.35 0.00	28.26 0.40 0.00	21.95 0.38 0.00	28.47 0.50 0.00	21.61 0.33 0.00	21.87 0.33 0.00	22.24 0.36 0.00
ONONDAGA___COGEN 23986	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00
ONTARIO___LFGE 23819	25.21 -0.16 -7.16	15.98 -0.17 -0.21	15.07 -0.07 0.00	15.51 -0.09 0.00	17.08 -0.10 0.00	19.47 0.01 0.00	19.85 0.18 0.00	21.62 0.33 0.00	29.64 -0.02 0.00	21.99 0.17 0.00	19.41 0.35 0.00	21.62 0.62 0.00	19.61 0.62 0.00	18.75 0.64 0.00	17.99 0.64 0.00	18.65 0.56 0.00	20.17 0.71 0.00	26.14 0.80 0.00	28.70 0.84 0.00	22.33 0.77 0.00	28.91 0.94 0.00	22.06 0.78 0.00	22.43 0.89 0.00	22.91 1.03 0.00
ORANGEVILLE_WT_PWR 323706	16.16 -0.94 1.12	15.07 -0.84 0.03	14.50 -0.66 0.00	14.95 -0.65 0.00	16.44 -0.74 0.00	18.73 -0.73 0.00	19.13 -0.54 0.00	20.86 -0.43 0.00	28.68 -0.98 0.00	21.35 -0.46 0.00	19.00 -0.07 0.00	21.21 0.21 0.00	19.20 0.21 0.00	18.38 0.27 0.00	17.71 0.35 0.00	18.30 0.21 0.00	19.86 0.40 0.00	25.67 0.33 0.00	28.06 0.20 0.00	21.85 0.29 0.00	28.44 0.47 0.00	21.67 0.39 0.00	22.23 0.69 0.00	22.86 0.98 0.00
ORANGEVILLE___ESR 323794	16.16 -0.94 1.12	15.07 -0.84 0.03	14.50 -0.66 0.00	14.95 -0.65 0.00	16.44 -0.74 0.00	18.73 -0.73 0.00	19.13 -0.54 0.00	20.86 -0.43 0.00	28.68 -0.98 0.00	21.35 -0.46 0.00	19.00 -0.07 0.00	21.21 0.21 0.00	19.20 0.21 0.00	18.38 0.27 0.00	17.71 0.35 0.00	18.30 0.21 0.00	19.86 0.40 0.00	25.67 0.33 0.00	28.06 0.20 0.00	21.85 0.29 0.00	28.44 0.47 0.00	21.67 0.39 0.00	22.23 0.69 0.00	22.86 0.98 0.00
OSWEGATCHIE___HYD 24044	17.77 -0.44 0.00	15.39 -0.55 0.00	14.46 -0.69 0.00	15.15 -0.44 0.00	16.81 -0.37 0.00	18.89 -0.57 0.00	19.06 -0.62 0.00	20.54 -0.75 0.00	28.97 -0.69 0.00	23.54 -0.34 -2.07	22.24 -0.56 -3.73	20.49 -0.51 0.00	18.42 -0.57 0.00	17.57 -0.54 0.00	16.77 -0.59 0.00	17.40 -0.69 0.00	18.51 -0.94 0.00	24.21 -1.14 0.00	26.76 -1.10 0.00	21.02 -0.54 0.00	27.63 -0.34 0.00	21.04 -0.24 0.00	21.18 -0.36 0.00	21.51 -0.37 0.00
OSWEGO___5 23606	17.81 -0.41 0.00	15.58 -0.37 0.00	14.80 -0.35 0.00	15.23 -0.37 0.00	16.75 -0.43 0.00	19.00 -0.46 0.00	19.24 -0.44 0.00	20.85 -0.44 0.00	28.99 -0.67 0.00	21.34 -0.47 0.00	18.69 -0.38 0.00	20.60 -0.40 0.00	18.64 -0.35 0.00	17.78 -0.33 0.00	17.04 -0.32 0.00	17.74 -0.35 0.00	19.09 -0.37 0.00	24.86 -0.48 0.00	27.34 -0.52 0.00	21.20 -0.36 0.00	27.51 -0.46 0.00	20.91 -0.37 0.00	21.17 -0.37 0.00	21.52 -0.36 0.00
OSWEGO___6 23613	17.81 -0.41 0.00	15.58 -0.37 0.00	14.80 -0.35 0.00	15.23 -0.37 0.00	16.75 -0.43 0.00	19.00 -0.46 0.00	19.24 -0.44 0.00	20.85 -0.44 0.00	28.99 -0.67 0.00	21.34 -0.47 0.00	18.69 -0.38 0.00	20.60 -0.40 0.00	18.64 -0.35 0.00	17.78 -0.33 0.00	17.04 -0.32 0.00	17.74 -0.35 0.00	19.09 -0.37 0.00	24.86 -0.48 0.00	27.34 -0.52 0.00	21.20 -0.36 0.00	27.51 -0.46 0.00	20.91 -0.37 0.00	21.17 -0.37 0.00	21.52 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	15.12 -1.23 1.86	14.87 -1.01 0.06	14.35 -0.80 0.00	14.77 -0.82 0.00	16.36 -0.82 0.00	18.69 -0.77 0.00	19.00 -0.67 0.00	20.62 -0.67 0.00	28.34 -1.32 0.00	21.13 -0.68 0.00	18.89 -0.18 0.00	21.06 0.06 0.00	19.13 0.13 0.00	18.28 0.17 0.00	17.58 0.22 0.00	18.10 0.01 0.00	19.63 0.17 0.00	25.35 0.01 0.00	27.58 -0.28 0.00	21.47 -0.09 0.00	27.98 0.02 0.00	21.34 0.06 0.00	21.96 0.42 0.00	22.68 0.80 0.00

OXBOW___BTM 323836	14.82 -1.50 1.89	14.64 -1.25 0.06	14.10 -1.05 0.00	14.57 -1.03 0.00	16.15 -1.03 0.00	18.43 -1.03 0.00	18.72 -0.96 0.00	20.31 -0.98 0.00	27.91 -1.75 0.00	20.82 -0.99 0.00	18.60 -0.46 0.00	20.74 -0.26 0.00	18.85 -0.14 0.00	18.02 -0.09 0.00	17.31 -0.05 0.00	17.85 -0.24 0.00	19.36 -0.10 0.00	24.98 -0.36 0.00	27.16 -0.70 0.00	21.15 -0.42 0.00	27.56 -0.41 0.00	21.03 -0.26 0.00	21.65 0.11 0.00	22.39 0.51 0.00
OXBOW____ 24026	14.81 -1.51 1.89	14.64 -1.24 0.06	14.14 -1.01 0.00	14.57 -1.03 0.00	16.15 -1.03 0.00	18.43 -1.03 0.00	18.73 -0.94 0.00	20.31 -0.98 0.00	27.91 -1.75 0.00	20.82 -0.99 0.00	18.61 -0.46 0.00	20.75 -0.25 0.00	18.85 -0.14 0.00	18.00 -0.10 0.00	17.31 -0.05 0.00	17.83 -0.25 0.00	19.34 -0.12 0.00	24.98 -0.36 0.00	27.16 -0.70 0.00	21.14 -0.42 0.00	27.55 -0.41 0.00	21.03 -0.26 0.00	21.65 0.11 0.00	22.39 0.51 0.00
OXY_CHEM_DSASP 323612	14.50 -1.79 1.92	14.41 -1.48 0.06	13.92 -1.23 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.44 -1.23 0.00	19.97 -1.32 0.00	27.44 -2.22 0.00	20.46 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.60 0.00	18.55 -0.45 0.00	17.71 -0.40 0.00	17.02 -0.34 0.00	17.54 -0.55 0.00	19.01 -0.45 0.00	24.56 -0.78 0.00	26.69 -1.17 0.00	20.78 -0.78 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
OZONE_PARK_ESR 323760	19.59 1.38 0.00	17.16 1.22 0.00	16.29 1.14 0.00	16.66 1.06 0.00	18.14 0.96 0.00	20.57 1.11 0.00	20.90 1.23 0.00	22.78 1.49 0.00	31.46 1.80 0.00	23.11 1.30 0.00	20.19 1.12 0.00	22.09 1.09 0.00	20.08 1.09 0.00	19.21 1.10 0.00	18.48 1.12 0.00	19.38 1.29 0.00	20.75 1.30 0.00	26.88 1.54 0.00	29.60 1.74 0.00	22.99 1.42 0.00	29.69 1.72 0.00	22.37 1.09 0.00	22.58 1.04 0.00	22.92 1.04 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.50 -1.79 1.92	14.41 -1.48 0.06	13.92 -1.23 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.44 -1.23 0.00	19.97 -1.32 0.00	27.44 -2.22 0.00	20.46 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.60 0.00	18.55 -0.45 0.00	17.71 -0.40 0.00	17.02 -0.34 0.00	17.54 -0.55 0.00	19.01 -0.45 0.00	24.56 -0.78 0.00	26.69 -1.17 0.00	20.78 -0.78 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
PACKARD__115KV_DUPONT_184 80571	14.50 -1.79 1.92	14.41 -1.48 0.06	13.92 -1.23 0.00	14.36 -1.24 0.00	15.93 -1.26 0.00	18.16 -1.30 0.00	18.44 -1.23 0.00	19.97 -1.32 0.00	27.44 -2.22 0.00	20.46 -1.34 0.00	18.30 -0.77 0.00	20.39 -0.60 0.00	18.55 -0.45 0.00	17.71 -0.40 0.00	17.02 -0.34 0.00	17.54 -0.55 0.00	19.01 -0.45 0.00	24.56 -0.78 0.00	26.69 -1.17 0.00	20.78 -0.78 0.00	27.08 -0.89 0.00	20.68 -0.60 0.00	21.32 -0.22 0.00	22.08 0.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.42 1.21 0.00	17.03 1.09 0.00	16.19 1.03 0.00	16.56 0.97 0.00	18.04 0.86 0.00	20.44 0.98 0.00	20.74 1.07 0.00	22.55 1.26 0.00	31.17 1.51 0.00	22.90 1.09 0.00	19.98 0.92 0.00	21.88 0.88 0.00	19.89 0.89 0.00	19.02 0.91 0.00	18.27 0.91 0.00	19.17 1.08 0.00	20.49 1.04 0.00	26.55 1.21 0.00	29.30 1.43 0.00	22.76 1.20 0.00	29.36 1.40 0.00	22.14 0.87 0.00	22.33 0.80 0.00	22.67 0.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.42 1.21 0.00	17.08 1.14 0.00	16.22 1.06 0.00	16.58 0.99 0.00	18.06 0.88 0.00	20.48 1.02 0.00	20.78 1.11 0.00	22.66 1.37 0.00	31.32 1.66 0.00	23.00 1.19 0.00	20.05 0.98 0.00	21.94 0.94 0.00	19.93 0.94 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.21 1.12 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.41 1.55 0.00	22.83 1.27 0.00	29.45 1.49 0.00	22.19 0.91 0.00	22.40 0.86 0.00	22.74 0.86 0.00
PATROON__115KV_TB1 80586	18.46 0.25 0.00	16.28 0.34 0.00	15.45 0.29 0.00	15.83 0.23 0.00	17.19 0.01 0.00	19.42 -0.04 0.00	19.69 0.02 0.00	21.35 0.06 0.00	29.63 -0.03 0.00	21.72 -0.09 0.00	19.01 -0.06 0.00	20.69 -0.11 0.19	18.96 -0.03 0.00	18.07 -0.04 0.00	17.24 -0.12 0.00	17.98 -0.10 0.00	19.37 -0.09 0.00	25.20 -0.12 0.03	27.79 -0.07 0.00	21.56 0.00 0.00	27.87 -0.10 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.59 -0.29 0.00
PATTRSNVILLE__SOLAR 323815	18.89 0.68 0.00	16.50 0.56 0.00	15.68 0.53 0.00	16.11 0.51 0.00	17.68 0.50 0.00	20.07 0.61 0.00	20.34 0.67 0.00	22.07 0.78 0.00	30.66 1.00 0.00	22.46 0.65 0.00	19.54 0.47 0.00	21.55 0.55 0.00	19.50 0.50 0.00	18.61 0.50 0.00	17.77 0.41 0.00	18.53 0.44 0.00	19.94 0.48 0.00	25.99 0.65 0.00	28.74 0.88 0.00	22.34 0.78 0.00	28.98 1.01 0.00	22.01 0.73 0.00	22.22 0.68 0.00	22.56 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.02 -0.55 1.64	15.43 -0.46 0.05	14.84 -0.32 0.00	15.21 -0.39 0.00	16.79 -0.39 0.00	19.13 -0.33 0.00	19.43 -0.24 0.00	21.16 -0.12 0.00	29.03 -0.63 0.00	21.59 -0.23 0.00	19.26 0.20 0.00	21.49 0.49 0.00	19.55 0.56 0.00	18.71 0.60 0.00	17.99 0.63 0.00	18.56 0.47 0.00	20.13 0.67 0.00	25.94 0.60 0.00	28.21 0.34 0.00	21.92 0.36 0.00	28.57 0.60 0.00	21.73 0.45 0.00	22.38 0.84 0.00	23.13 1.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.50 1.29 0.00	17.05 1.11 0.00	16.17 1.02 0.00	16.55 0.95 0.00	18.06 0.88 0.00	20.49 1.04 0.00	20.81 1.14 0.00	22.71 1.42 0.00	31.39 1.73 0.00	23.00 1.19 0.00	20.06 0.99 0.00	21.96 0.96 0.00	19.93 0.94 0.00	19.07 0.97 0.00	18.31 0.95 0.00	19.19 1.10 0.00	20.57 1.11 0.00	26.77 1.42 0.00	29.52 1.66 0.00	22.92 1.35 0.00	29.61 1.64 0.00	22.36 1.08 0.00	22.55 1.01 0.00	22.87 0.99 0.00
PEEKSKILL____ 23653	19.34 1.13 0.00	16.92 0.98 0.00	16.05 0.89 0.00	16.40 0.80 0.00	17.89 0.71 0.00	20.28 0.82 0.00	20.57 0.90 0.00	22.42 1.14 0.00	31.00 1.34 0.00	22.75 0.94 0.00	19.86 0.79 0.00	21.74 0.74 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.13 0.77 0.00	19.00 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.14 1.28 0.00	22.62 1.05 0.00	29.21 1.24 0.00	22.05 0.76 0.00	22.27 0.73 0.00	22.61 0.73 0.00
PGE MADISON__WINDPWR 24146	19.46 1.26 0.00	16.99 1.04 0.00	16.14 0.99 0.00	16.58 0.98 0.00	18.40 1.22 0.00	20.96 1.50 0.00	21.34 1.67 0.00	23.20 1.91 0.00	31.87 2.21 0.00	23.35 1.54 0.00	20.31 1.25 0.00	22.34 1.34 0.00	20.24 1.25 0.00	19.11 1.00 0.00	18.34 0.99 0.00	19.00 0.91 0.00	20.55 1.09 0.00	27.11 1.77 0.00	30.33 2.47 0.00	23.66 2.10 0.00	30.61 2.64 0.00	23.18 1.90 0.00	23.38 1.84 0.00	23.70 1.82 0.00
PIERCEFIELD__HYD 23852	17.43 -0.78 0.00	15.22 -0.72 0.00	14.46 -0.69 0.00	15.11 -0.49 0.00	16.79 -0.39 0.00	18.91 -0.55 0.00	18.98 -0.69 0.00	20.48 -0.81 0.00	28.81 -0.85 0.00	24.27 -0.58 -3.04	23.95 -0.61 -5.49	20.43 -0.57 0.00	18.36 -0.64 0.00	17.45 -0.66 0.00	16.71 -0.65 0.00	17.28 -0.81 0.00	18.53 -0.93 0.00	24.23 -1.11 0.00	26.63 -1.23 0.00	20.75 -0.81 0.00	27.16 -0.81 0.00	20.75 -0.53 0.00	20.94 -0.60 0.00	21.23 -0.65 0.00

PINELAWN_CC_1 323563	19.70 1.49 0.00	17.24 1.30 0.00	16.29 1.14 0.00	16.61 1.01 0.00	18.14 0.96 0.00	20.54 1.08 0.00	20.71 1.04 0.00	22.63 1.34 0.00	31.30 1.64 0.00	22.86 1.05 0.00	20.14 1.08 0.00	21.78 0.78 0.00	19.76 0.77 0.00	18.89 0.79 0.00	19.11 0.80 -0.95	22.15 1.28 -2.78	20.61 1.15 0.00	26.55 1.21 0.00	29.15 1.29 0.00	22.68 1.11 0.00	29.28 1.31 0.00	22.13 0.85 0.00	22.55 1.01 0.00	22.90 1.03 0.00
PJM_GEN_HTP_PROXY 323702	19.44 1.23 0.00	17.03 1.09 0.00	16.17 1.02 0.00	16.53 0.93 0.00	18.00 0.82 0.00	20.41 0.95 0.00	20.73 1.06 0.00	22.58 1.29 0.00	31.17 1.51 0.00	22.90 1.09 0.00	20.00 0.93 0.00	21.88 0.89 0.00	19.90 0.91 0.00	19.04 0.93 0.00	18.30 0.94 0.00	19.19 1.10 0.00	20.57 1.11 0.00	26.64 1.30 0.00	29.34 1.49 0.00	22.78 1.21 0.00	29.41 1.44 0.00	22.15 0.87 0.00	22.37 0.83 0.00	22.71 0.83 0.00
PJM_GEN_KEystone 24065	17.90 0.29 0.61	16.18 0.26 0.02	15.41 0.26 0.00	15.77 0.17 0.00	17.28 0.10 0.00	27.41 0.15 -7.80	19.84 0.17 0.00	21.64 0.35 0.00	29.75 0.09 0.00	21.90 0.09 0.00	19.26 0.19 0.00	21.25 0.26 0.00	19.32 0.32 0.00	18.49 0.38 0.00	17.77 0.42 0.00	18.50 0.41 0.00	19.95 0.49 0.00	25.82 0.48 0.00	28.32 0.46 0.00	21.99 0.43 0.00	28.49 0.52 0.00	21.56 0.28 0.00	22.00 0.46 0.00	22.55 0.67 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.49 1.28 0.00	17.07 1.13 0.00	16.13 0.98 0.00	16.46 0.86 0.00	17.97 0.79 0.00	20.34 0.89 0.00	20.53 0.86 0.00	22.41 1.12 0.00	31.00 1.34 0.00	22.65 0.84 0.00	19.96 0.89 0.00	21.67 0.67 0.00	19.68 0.69 0.00	18.82 0.71 0.00	17.97 0.74 0.12	20.17 1.07 -1.01	20.45 0.99 0.00	26.41 1.07 0.00	29.01 1.15 0.00	22.53 0.97 0.00	29.09 1.12 0.00	21.98 0.70 0.00	22.34 0.80 0.00	22.70 0.82 0.00
PJM_GEN_VFT_PROXY 323633	19.35 1.14 0.00	16.97 1.03 0.00	16.11 0.96 0.00	16.46 0.86 0.00	17.92 0.74 0.00	20.31 0.85 0.00	20.64 0.97 0.00	22.47 1.18 0.00	31.03 1.37 0.00	22.79 0.98 0.00	19.89 0.82 0.00	21.76 0.76 0.00	19.78 0.79 0.00	18.93 0.82 0.00	18.21 0.85 0.00	19.09 1.00 0.00	20.46 1.00 0.00	26.51 1.17 0.00	29.22 1.35 0.00	22.69 1.12 0.00	29.29 1.32 0.00	22.05 0.77 0.00	22.27 0.73 0.00	22.63 0.74 0.00
PLATSBURG_115KV_PMLD1 355749	18.04 -0.17 0.00	15.77 -0.17 0.00	15.20 0.05 0.00	15.98 0.37 0.00	17.47 0.29 0.00	19.31 -0.15 0.00	18.44 -1.24 0.00	20.09 -1.20 0.00	28.30 -1.36 0.00	-1.27 -1.12 21.96	-21.50 -0.91 39.66	20.23 -0.77 0.00	18.41 -0.58 0.00	17.31 -0.79 0.00	16.92 -0.44 0.00	17.22 -0.87 0.00	18.72 -0.74 0.00	24.47 -0.87 0.00	26.19 -1.67 0.00	20.43 -1.14 0.00	26.61 -1.35 0.00	20.62 -0.66 0.00	21.33 -0.21 0.00	21.76 -0.12 0.00
PLEASANTVLY___LBMP 24000	19.17 0.96 0.00	16.76 0.82 0.00	15.91 0.75 0.00	16.28 0.68 0.00	17.75 0.57 0.00	20.12 0.66 0.00	20.38 0.71 0.00	22.21 0.92 0.00	30.73 1.08 0.00	22.55 0.74 0.00	19.69 0.62 0.00	21.57 0.57 0.00	19.57 0.58 0.00	18.69 0.59 0.00	17.94 0.58 0.00	18.79 0.70 0.00	20.17 0.71 0.00	26.20 0.86 0.00	28.87 1.01 0.00	22.40 0.83 0.00	28.92 0.96 0.00	21.87 0.59 0.00	22.06 0.53 0.00	22.39 0.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.33 1.12 0.00	16.91 0.97 0.00	16.05 0.90 0.00	16.41 0.81 0.00	17.89 0.71 0.00	20.29 0.83 0.00	20.58 0.91 0.00	22.44 1.15 0.00	31.02 1.36 0.00	22.77 0.96 0.00	19.87 0.81 0.00	21.75 0.76 0.00	19.75 0.76 0.00	18.88 0.77 0.00	18.13 0.77 0.00	19.01 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.15 1.28 0.00	22.62 1.05 0.00	29.21 1.25 0.00	22.05 0.77 0.00	22.27 0.73 0.00	22.60 0.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.33 1.12 0.00	16.91 0.97 0.00	16.05 0.90 0.00	16.41 0.81 0.00	17.89 0.71 0.00	20.29 0.83 0.00	20.58 0.91 0.00	22.44 1.15 0.00	31.02 1.36 0.00	22.77 0.96 0.00	19.87 0.81 0.00	21.75 0.76 0.00	19.75 0.76 0.00	18.88 0.77 0.00	18.13 0.77 0.00	19.01 0.92 0.00	20.38 0.92 0.00	26.44 1.10 0.00	29.15 1.28 0.00	22.62 1.05 0.00	29.21 1.25 0.00	22.05 0.77 0.00	22.27 0.73 0.00	22.60 0.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.56 1.35 0.00	17.09 1.16 0.00	16.22 1.07 0.00	16.59 1.00 0.00	18.12 0.94 0.00	20.57 1.11 0.00	20.89 1.22 0.00	22.80 1.51 0.00	31.51 1.85 0.00	23.02 1.21 0.00	20.03 0.97 0.00	21.94 0.94 0.00	19.93 0.94 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.18 1.09 0.00	20.59 1.13 0.00	26.86 1.52 0.00	29.65 1.79 0.00	23.04 1.48 0.00	29.80 1.84 0.00	22.51 1.23 0.00	22.69 1.16 0.00	23.00 1.12 0.00
POLETTI____ 23519	19.41 1.20 0.00	17.02 1.08 0.00	16.16 1.01 0.00	16.53 0.93 0.00	17.98 0.80 0.00	20.38 0.93 0.00	20.69 1.02 0.00	22.54 1.25 0.00	31.13 1.47 0.00	22.87 1.06 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.89 0.00	19.02 0.92 0.00	18.30 0.94 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.60 1.26 0.00	29.30 1.44 0.00	22.75 1.19 0.00	29.37 1.40 0.00	22.12 0.84 0.00	22.34 0.80 0.00	22.68 0.80 0.00
POMONA___ESR 323819	19.31 1.10 0.00	16.89 0.95 0.00	16.03 0.87 0.00	16.39 0.79 0.00	17.89 0.70 0.00	20.26 0.80 0.00	20.53 0.86 0.00	22.39 1.10 0.00	30.91 1.26 0.00	22.66 0.85 0.00	19.77 0.70 0.00	21.66 0.66 0.00	19.65 0.66 0.00	18.80 0.69 0.00	18.07 0.71 0.00	18.93 0.84 0.00	20.31 0.85 0.00	26.41 1.07 0.00	29.13 1.28 0.00	22.60 1.04 0.00	29.19 1.22 0.00	22.02 0.74 0.00	22.27 0.74 0.00	22.64 0.76 0.00
PORT_JEFF_3 23555	19.80 1.59 0.00	17.35 1.41 0.00	16.39 1.24 0.00	16.69 1.09 0.00	18.24 1.06 0.00	20.65 1.19 0.00	20.80 1.13 0.00	22.70 1.41 0.00	31.34 1.68 0.00	22.82 1.01 0.00	20.18 1.12 0.00	21.81 0.81 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.60 0.78 -0.47	21.49 1.27 -2.14	20.58 1.12 0.00	26.59 1.25 0.00	29.06 1.20 0.00	22.61 1.04 0.00	29.19 1.22 0.00	22.09 0.81 0.00	22.60 1.06 0.00	22.97 1.09 0.00
PORT_JEFF_4 23616	19.80 1.59 0.00	17.35 1.41 0.00	16.39 1.24 0.00	16.69 1.09 0.00	18.24 1.06 0.00	20.65 1.19 0.00	20.80 1.13 0.00	22.70 1.41 0.00	31.34 1.68 0.00	22.82 1.01 0.00	20.18 1.12 0.00	21.81 0.81 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.60 0.78 -0.47	21.49 1.27 -2.14	20.58 1.12 0.00	26.59 1.25 0.00	29.06 1.20 0.00	22.61 1.04 0.00	29.19 1.22 0.00	22.09 0.81 0.00	22.60 1.06 0.00	22.97 1.09 0.00
PORT_JEFF_IC 23713	19.81 1.60 0.00	17.36 1.42 0.00	16.40 1.25 0.00	16.70 1.11 0.00	18.25 1.07 0.00	20.66 1.21 0.00	20.81 1.14 0.00	22.72 1.43 0.00	31.31 1.65 0.00	22.80 0.99 0.00	20.18 1.12 0.00	21.82 0.82 0.00	19.73 0.74 0.00	18.87 0.76 0.00	18.61 0.77 -0.48	21.52 1.28 -2.15	20.58 1.12 0.00	26.61 1.26 0.00	29.03 1.17 0.00	22.58 1.02 0.00	29.16 1.19 0.00	22.06 0.79 0.00	22.62 1.08 0.00	22.98 1.10 0.00

PPL PILGRIM_ST_GT1 24216	19.81 1.60 0.00	17.36 1.42 0.00	16.39 1.23 0.00	16.70 1.10 0.00	18.24 1.06 0.00	20.64 1.19 0.00	20.79 1.12 0.00	22.70 1.41 0.00	31.40 1.74 0.00	22.90 1.09 0.00	20.23 1.16 0.00	21.88 0.88 0.00	19.83 0.83 0.00	18.96 0.86 0.00	18.77 0.87 -0.55	21.70 1.36 -2.24	20.67 1.21 0.00	26.63 1.29 0.00	29.20 1.34 0.00	22.71 1.15 0.00	29.32 1.35 0.00	22.18 0.89 0.00	22.64 1.10 0.00	23.02 1.14 0.00
PPL PILGRIM_ST_GT2 24217	19.81 1.60 0.00	17.36 1.42 0.00	16.39 1.23 0.00	16.70 1.10 0.00	18.24 1.06 0.00	20.64 1.19 0.00	20.79 1.12 0.00	22.70 1.41 0.00	31.40 1.74 0.00	22.90 1.09 0.00	20.23 1.16 0.00	21.88 0.88 0.00	19.83 0.83 0.00	18.96 0.86 0.00	18.77 0.87 -0.55	21.70 1.36 -2.24	20.67 1.21 0.00	26.63 1.29 0.00	29.20 1.34 0.00	22.71 1.15 0.00	29.32 1.35 0.00	22.18 0.89 0.00	22.64 1.10 0.00	23.02 1.14 0.00
PPL_SHRM_GT3 24213	19.80 1.59 0.00	17.37 1.43 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.23 0.00	20.82 1.15 0.00	22.72 1.43 0.00	31.42 1.76 0.00	22.72 0.91 0.00	20.05 0.98 0.00	21.63 0.63 0.00	19.52 0.53 0.00	18.67 0.56 0.00	18.40 0.57 -0.47	21.30 1.07 -2.14	20.38 0.93 0.00	26.46 1.12 0.00	28.85 0.99 0.00	22.46 0.89 0.00	29.02 1.05 0.00	21.98 0.70 0.00	22.54 1.00 0.00	22.82 0.94 0.00
PPL_SHRM_GT4 24214	19.80 1.59 0.00	17.37 1.43 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.23 0.00	20.82 1.15 0.00	22.72 1.43 0.00	31.42 1.76 0.00	22.72 0.91 0.00	20.05 0.98 0.00	21.63 0.63 0.00	19.52 0.53 0.00	18.67 0.56 0.00	18.40 0.57 -0.47	21.30 1.07 -2.14	20.38 0.93 0.00	26.46 1.12 0.00	28.85 0.99 0.00	22.46 0.89 0.00	29.02 1.05 0.00	21.98 0.70 0.00	22.54 1.00 0.00	22.82 0.94 0.00
PROJECT___ORANGE 1 24174	18.16 -0.06 0.00	15.87 -0.07 0.00	15.09 -0.06 0.00	15.50 -0.10 0.00	17.04 -0.14 0.00	19.35 -0.11 0.00	19.62 -0.05 0.00	21.29 0.00 0.00	29.57 -0.08 0.00	21.79 -0.02 0.00	19.11 0.04 0.00	21.08 0.08 0.00	19.07 0.08 0.00	18.19 0.08 0.00	17.44 0.08 0.00	18.15 0.07 0.00	19.54 0.08 0.00	25.43 0.09 0.00	27.97 0.11 0.00	21.71 0.14 0.00	28.14 0.17 0.00	21.37 0.09 0.00	21.64 0.11 0.00	22.01 0.13 0.00
PROJECT___ORANGE 2 24166	18.16 -0.06 0.00	15.87 -0.07 0.00	15.09 -0.06 0.00	15.50 -0.10 0.00	17.04 -0.14 0.00	19.35 -0.11 0.00	19.62 -0.05 0.00	21.29 0.00 0.00	29.57 -0.08 0.00	21.79 -0.02 0.00	19.11 0.04 0.00	21.08 0.08 0.00	19.07 0.08 0.00	18.19 0.08 0.00	17.44 0.08 0.00	18.15 0.07 0.00	19.54 0.08 0.00	25.43 0.09 0.00	27.97 0.11 0.00	21.71 0.14 0.00	28.14 0.17 0.00	21.37 0.09 0.00	21.64 0.11 0.00	22.01 0.13 0.00
PUCKETT___SOLAR 323809	18.64 0.43 0.00	16.28 0.34 0.00	15.47 0.32 0.00	15.88 0.28 0.00	17.50 0.32 0.00	19.90 0.44 0.00	20.17 0.50 0.00	21.96 0.67 0.00	30.23 0.57 0.00	22.23 0.41 0.00	19.43 0.36 0.00	21.50 0.50 0.00	19.41 0.41 0.00	18.49 0.38 0.00	17.77 0.41 0.00	18.42 0.33 0.00	19.88 0.42 0.00	25.95 0.61 0.00	28.68 0.81 0.00	22.31 0.75 0.00	28.87 0.90 0.00	21.95 0.67 0.00	22.28 0.74 0.00	22.67 0.78 0.00
PYRITES___HYD 24023	17.82 -0.39 0.00	15.58 -0.37 0.00	14.81 -0.34 0.00	15.46 -0.14 0.00	17.20 0.02 0.00	19.42 -0.04 0.00	19.55 -0.12 0.00	21.10 -0.19 0.00	29.62 -0.04 0.00	24.54 0.02 -2.71	23.91 -0.06 -4.90	21.00 0.01 0.00	18.82 -0.17 0.00	17.85 -0.26 0.00	17.05 -0.31 0.00	17.59 -0.50 0.00	18.86 -0.60 0.00	24.69 -0.65 0.00	27.18 -0.67 0.00	21.28 -0.28 0.00	27.93 -0.04 0.00	21.33 0.05 0.00	21.50 -0.04 0.00	21.77 -0.11 0.00
QUAKERRD_115KV_BK1 80622	13.93 -1.11 3.17	14.89 -0.96 0.10	14.36 -0.80 0.00	14.79 -0.81 0.00	16.33 -0.85 0.00	18.62 -0.84 0.00	18.93 -0.74 0.00	20.55 -0.74 0.00	28.38 -1.29 0.00	21.06 -0.75 0.00	18.70 -0.37 0.00	20.77 -0.23 0.00	18.87 -0.13 0.00	18.01 -0.10 0.00	17.27 -0.09 0.00	17.87 -0.22 0.00	19.30 -0.16 0.00	25.03 -0.31 0.00	27.33 -0.53 0.00	21.24 -0.33 0.00	27.65 -0.32 0.00	21.05 -0.23 0.00	21.46 -0.08 0.00	21.96 0.08 0.00
QUENSRY_115KV_TB8 356137	18.76 0.55 0.00	16.35 0.40 0.00	15.55 0.40 0.00	16.03 0.43 0.00	17.45 0.27 0.00	19.91 0.45 0.00	20.20 0.53 0.00	22.02 0.73 0.00	30.63 0.97 0.00	22.38 0.57 0.00	19.39 0.32 0.00	21.51 0.32 -0.19	19.26 0.27 0.00	18.31 0.20 0.00	17.51 0.15 0.00	18.37 0.28 0.00	19.91 0.45 0.00	26.14 0.77 -0.03	28.76 0.90 0.00	22.28 0.72 0.00	28.72 0.75 0.00	21.85 0.57 0.00	21.91 0.37 0.00	22.07 0.19 0.00
RAMAPO___LBMP 323565	19.24 1.03 0.00	16.84 0.89 0.00	15.97 0.81 0.00	16.33 0.73 0.00	17.83 0.65 0.00	20.20 0.74 0.00	20.46 0.79 0.00	22.30 1.01 0.00	30.80 1.14 0.00	22.58 0.77 0.00	19.69 0.63 0.00	21.57 0.57 0.00	19.57 0.58 0.00	18.72 0.62 0.00	17.99 0.63 0.00	18.85 0.77 0.00	20.22 0.76 0.00	26.30 0.95 0.00	29.02 1.16 0.00	22.51 0.95 0.00	29.08 1.11 0.00	21.94 0.66 0.00	22.19 0.65 0.00	22.57 0.69 0.00
RANKINE____ 23646	15.65 -0.88 1.68	15.15 -0.73 0.05	14.60 -0.56 0.00	14.98 -0.62 0.00	16.56 -0.63 0.00	18.89 -0.57 0.00	19.21 -0.46 0.00	20.91 -0.38 0.00	28.73 -0.93 0.00	21.38 -0.43 0.00	19.10 0.03 0.00	21.29 0.29 0.00	19.34 0.35 0.00	18.50 0.39 0.00	17.79 0.43 0.00	18.34 0.25 0.00	19.89 0.43 0.00	25.69 0.35 0.00	27.96 0.10 0.00	21.74 0.18 0.00	28.33 0.37 0.00	21.59 0.31 0.00	22.20 0.66 0.00	22.90 1.02 0.00
RAVENSWOOD_GT2_1 24244	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.91 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.54 1.08 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT2_2 24245	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.91 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.54 1.08 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT2_3 24246	19.43 1.22 0.00	17.02 1.08 0.00	16.16 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.03 0.00	22.56 1.27 0.00	31.17 1.51 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.88 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.33 1.46 0.00	22.77 1.21 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00

RAVENSWOOD_GT2_4 24247	19.43 1.22 0.00	17.02 1.08 0.00	16.16 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.03 0.00	22.56 1.27 0.00	31.17 1.51 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.88 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.33 1.46 0.00	22.77 1.21 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT3_1 24248	19.42 1.21 0.00	17.02 1.08 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.03 0.00	22.56 1.27 0.00	31.16 1.51 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.33 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT3_2 24249	19.42 1.21 0.00	17.02 1.08 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.03 0.00	22.56 1.27 0.00	31.16 1.51 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.33 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT3_3 24250	19.45 1.24 0.00	17.04 1.10 0.00	16.18 1.02 0.00	16.54 0.94 0.00	18.01 0.83 0.00	20.42 0.96 0.00	20.73 1.06 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.93 1.12 0.00	20.02 0.96 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.58 1.12 0.00	26.66 1.32 0.00	29.37 1.50 0.00	22.80 1.24 0.00	29.43 1.46 0.00	22.17 0.89 0.00	22.39 0.85 0.00	22.73 0.85 0.00
RAVENSWOOD_GT3_4 24251	19.45 1.24 0.00	17.04 1.10 0.00	16.18 1.02 0.00	16.54 0.94 0.00	18.01 0.83 0.00	20.42 0.96 0.00	20.73 1.06 0.00	22.59 1.30 0.00	31.21 1.55 0.00	22.93 1.12 0.00	20.02 0.96 0.00	21.91 0.91 0.00	19.92 0.93 0.00	19.06 0.95 0.00	18.32 0.96 0.00	19.21 1.12 0.00	20.58 1.12 0.00	26.66 1.32 0.00	29.37 1.50 0.00	22.80 1.24 0.00	29.43 1.46 0.00	22.17 0.89 0.00	22.39 0.85 0.00	22.73 0.85 0.00
RAVENSWOOD_GT_1 23729	19.46 1.25 0.00	17.06 1.11 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.76 1.09 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.98 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.40 0.87 0.00	22.74 0.86 0.00
RAVENSWOOD_GT_10 24258	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT_11 24259	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT_4 24252	19.42 1.21 0.00	17.01 1.07 0.00	16.15 0.99 0.00	16.51 0.91 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.70 1.02 0.00	22.55 1.26 0.00	31.14 1.49 0.00	22.87 1.07 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.88 0.00	19.02 0.91 0.00	18.28 0.92 0.00	19.17 1.08 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.30 1.44 0.00	22.75 1.18 0.00	29.37 1.41 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
RAVENSWOOD_GT_5 24254	19.42 1.21 0.00	17.01 1.07 0.00	16.15 0.99 0.00	16.51 0.91 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.70 1.02 0.00	22.55 1.26 0.00	31.14 1.49 0.00	22.87 1.07 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.88 0.00	19.02 0.91 0.00	18.28 0.92 0.00	19.17 1.08 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.30 1.44 0.00	22.75 1.18 0.00	29.37 1.41 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
RAVENSWOOD_GT_6 24253	19.42 1.21 0.00	17.01 1.07 0.00	16.15 0.99 0.00	16.51 0.91 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.70 1.02 0.00	22.55 1.26 0.00	31.14 1.49 0.00	22.87 1.07 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.88 0.00	19.02 0.91 0.00	18.28 0.92 0.00	19.17 1.08 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.30 1.44 0.00	22.75 1.18 0.00	29.37 1.41 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
RAVENSWOOD_GT_7 24255	19.42 1.21 0.00	17.01 1.07 0.00	16.15 0.99 0.00	16.51 0.91 0.00	17.98 0.80 0.00	20.38 0.92 0.00	20.70 1.02 0.00	22.55 1.26 0.00	31.14 1.49 0.00	22.87 1.07 0.00	19.98 0.91 0.00	21.86 0.86 0.00	19.88 0.88 0.00	19.02 0.91 0.00	18.28 0.92 0.00	19.17 1.08 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.30 1.44 0.00	22.75 1.18 0.00	29.37 1.41 0.00	22.13 0.85 0.00	22.35 0.81 0.00	22.69 0.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD_GT_9 24257	19.42 1.21 0.00	17.01 1.07 0.00	16.15 1.00 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.70 1.03 0.00	22.56 1.27 0.00	31.16 1.50 0.00	22.89 1.08 0.00	19.99 0.92 0.00	21.87 0.88 0.00	19.89 0.89 0.00	19.02 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.32 1.46 0.00	22.76 1.20 0.00	29.39 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD___1 23533	19.46 1.25 0.00	17.06 1.12 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.77 1.10 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.74 0.86 0.00

RAVENSWOOD___2 23534	19.46 1.25 0.00	17.06 1.12 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.77 1.10 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.74 0.86 0.00
RAVENSWOOD___3 23535	19.42 1.21 0.00	17.02 1.08 0.00	16.16 1.01 0.00	16.52 0.92 0.00	17.99 0.81 0.00	20.39 0.94 0.00	20.71 1.04 0.00	22.56 1.27 0.00	31.17 1.51 0.00	22.89 1.08 0.00	19.99 0.93 0.00	21.88 0.88 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.29 0.93 0.00	19.18 1.09 0.00	20.55 1.09 0.00	26.62 1.28 0.00	29.33 1.46 0.00	22.77 1.20 0.00	29.38 1.42 0.00	22.14 0.86 0.00	22.36 0.82 0.00	22.70 0.82 0.00
RAVENSWOOD___4 23820	19.46 1.25 0.00	17.06 1.12 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.77 1.10 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.97 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.41 0.87 0.00	22.74 0.86 0.00
RCPI_TRUST___DRP 24196	19.46 1.25 0.00	17.04 1.10 0.00	16.18 1.03 0.00	16.55 0.95 0.00	18.02 0.83 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.60 1.31 0.00	31.21 1.56 0.00	22.93 1.12 0.00	20.02 0.96 0.00	21.92 0.92 0.00	19.93 0.94 0.00	19.07 0.97 0.00	18.34 0.98 0.00	19.23 1.14 0.00	20.60 1.14 0.00	26.68 1.34 0.00	29.39 1.52 0.00	22.81 1.25 0.00	29.46 1.49 0.00	22.17 0.89 0.00	22.39 0.85 0.00	22.74 0.86 0.00
RED___ROCHESTER 323720	15.04 -0.71 2.47	15.25 -0.61 0.07	14.67 -0.48 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.40 -0.27 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.39 0.00	17.74 0.38 0.00	18.34 0.25 0.00	19.85 0.39 0.00	25.74 0.40 0.00	28.09 0.23 0.00	21.84 0.28 0.00	28.45 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
REGAN___SOLAR 323812	20.27 2.06 0.00	17.60 1.66 0.00	16.68 1.52 0.00	17.21 1.61 0.00	19.12 1.94 0.00	21.99 2.53 0.00	22.40 2.73 0.00	24.37 3.08 0.00	33.70 4.04 0.00	24.56 2.75 0.00	21.28 2.21 0.00	23.55 2.55 0.00	21.22 2.23 0.00	20.39 2.29 0.00	19.21 1.85 0.00	19.97 1.88 0.00	21.28 1.82 0.00	27.74 2.40 0.00	31.36 3.50 0.00	24.82 3.25 0.00	32.49 4.53 0.00	24.58 3.30 0.00	24.78 3.24 0.00	25.20 3.32 0.00
RENSSELAER___COGEN 23796	18.44 0.23 0.00	16.25 0.31 0.00	15.43 0.28 0.00	15.82 0.22 0.00	17.17 -0.01 0.00	19.39 -0.07 0.00	19.65 -0.02 0.00	21.29 0.00 0.00	29.53 -0.13 0.00	21.65 -0.16 0.00	18.95 -0.11 0.00	20.48 -0.21 0.31	18.86 -0.13 0.00	17.98 -0.13 0.00	17.18 -0.18 0.00	17.92 -0.17 0.00	19.29 -0.17 0.00	25.07 -0.23 0.04	27.67 -0.20 0.00	21.47 -0.09 0.00	27.77 -0.20 0.00	21.08 -0.20 0.00	21.25 -0.29 0.00	21.54 -0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.08 0.87 0.00	16.53 0.59 0.00	15.75 0.60 0.00	16.33 0.73 0.00	17.67 0.49 0.00	20.43 0.97 0.00	20.75 1.08 0.00	22.77 1.48 0.00	31.55 1.89 0.00	23.03 1.21 0.00	19.86 0.80 0.00	22.02 0.82 -0.20	19.51 0.52 0.00	18.56 0.46 0.00	17.79 0.43 0.00	18.78 0.69 0.00	20.59 1.13 0.00	27.10 1.73 -0.03	29.76 1.90 0.00	23.02 1.46 0.00	29.42 1.46 0.00	22.49 1.21 0.00	22.44 0.90 0.00	22.39 0.50 0.00
REVERE_CPPR_DRP 24186	18.92 0.70 0.00	16.47 0.53 0.00	15.56 0.41 0.00	16.07 0.47 0.00	17.72 0.53 0.00	20.07 0.61 0.00	20.38 0.71 0.00	22.08 0.79 0.00	30.83 1.17 0.00	22.79 0.98 0.00	19.80 0.73 0.00	21.85 0.85 0.00	19.69 0.70 0.00	18.83 0.73 0.00	17.99 0.63 0.00	18.75 0.66 0.00	20.13 0.67 0.00	26.25 0.90 0.00	29.03 1.17 0.00	22.62 1.06 0.00	29.46 1.50 0.00	22.35 1.07 0.00	22.53 0.99 0.00	22.85 0.97 0.00
REYNOLDS_115KV_TB3 80639	18.63 0.42 0.00	16.37 0.43 0.00	15.55 0.39 0.00	15.95 0.35 0.00	17.33 0.15 0.00	19.57 0.11 0.00	19.82 0.14 0.00	21.46 0.17 0.00	29.75 0.10 0.00	21.82 0.01 0.00	19.09 0.02 0.00	20.55 -0.04 0.40	18.98 -0.01 0.00	18.10 0.00 0.00	17.31 -0.05 0.00	18.07 -0.02 0.00	19.46 0.00 0.00	25.27 -0.01 0.06	27.88 0.02 0.00	21.63 0.06 0.00	27.95 -0.01 0.00	21.24 -0.04 0.00	21.41 -0.13 0.00	21.70 -0.18 0.00
RIVERBAY____ 323610	19.42 1.21 0.00	17.08 1.14 0.00	16.22 1.06 0.00	16.58 0.99 0.00	18.06 0.88 0.00	20.48 1.02 0.00	20.78 1.11 0.00	22.66 1.37 0.00	31.32 1.66 0.00	23.00 1.19 0.00	20.05 0.98 0.00	21.94 0.94 0.00	19.93 0.94 0.00	19.07 0.96 0.00	18.33 0.97 0.00	19.21 1.12 0.00	20.53 1.07 0.00	26.61 1.27 0.00	29.41 1.55 0.00	22.83 1.27 0.00	29.45 1.49 0.00	22.19 0.91 0.00	22.40 0.86 0.00	22.74 0.86 0.00
RIVERSDE_115KV_TB3 55908	18.47 0.26 0.00	16.27 0.33 0.00	15.44 0.29 0.00	15.84 0.24 0.00	17.20 0.01 0.00	19.41 -0.05 0.00	19.67 0.00 0.00	21.31 0.02 0.00	29.56 -0.10 0.00	21.68 -0.13 0.00	18.97 -0.10 0.36	20.47 -0.17 0.00	18.89 -0.11 0.00	18.01 -0.09 0.00	17.19 -0.16 0.00	17.95 -0.14 0.00	19.32 -0.14 0.00	25.10 -0.19 0.05	27.70 -0.16 0.00	21.49 -0.07 0.00	27.78 -0.19 0.00	21.10 -0.18 0.00	21.26 -0.28 0.00	21.55 -0.33 0.00
ROARING___BROOK_WT_PWR 323790	18.03 -0.18 0.00	15.68 -0.26 0.00	14.83 -0.32 0.00	15.44 -0.16 0.00	17.07 -0.11 0.00	19.28 -0.18 0.00	19.40 -0.28 0.00	20.92 -0.38 0.00	29.24 -0.42 0.00	21.64 -0.18 0.00	18.78 -0.29 0.00	20.77 -0.23 0.00	18.73 -0.26 0.00	17.82 -0.29 0.00	17.14 -0.22 0.00	17.86 -0.23 0.00	19.14 -0.32 0.00	24.96 -0.38 0.00	27.45 -0.42 0.00	21.26 -0.30 0.00	27.70 -0.27 0.00	21.11 -0.17 0.00	21.32 -0.21 0.00	21.68 -0.20 0.00
ROCHESRG_115KV_T4 355643	14.86 -0.87 2.48	15.12 -0.74 0.07	14.57 -0.58 0.00	15.01 -0.58 0.00	16.59 -0.60 0.00	18.92 -0.54 0.00	19.22 -0.45 0.00	20.85 -0.44 0.00	28.74 -0.92 0.00	21.35 -0.46 0.00	18.97 -0.09 0.00	21.09 0.09 0.00	19.17 0.17 0.00	18.29 0.18 0.00	17.55 0.19 0.00	18.14 0.05 0.00	19.63 0.18 0.00	25.47 0.12 0.00	27.79 -0.07 0.00	21.59 0.03 0.00	28.13 0.17 0.00	21.43 0.14 0.00	21.88 0.35 0.00	22.43 0.55 0.00
ROCHESTER_9_IC 23652	14.97 -0.78 2.47	15.20 -0.67 0.07	14.65 -0.51 0.00	15.09 -0.51 0.00	16.67 -0.52 0.00	19.02 -0.44 0.00	19.34 -0.34 0.00	20.96 -0.33 0.00	28.91 -0.75 0.00	21.48 -0.33 0.00	19.09 0.03 0.00	21.22 0.22 0.00	19.29 0.30 0.00	18.40 0.30 0.00	17.66 0.31 0.00	18.25 0.17 0.00	19.76 0.30 0.00	25.63 0.29 0.00	27.97 0.10 0.00	21.73 0.17 0.00	28.32 0.35 0.00	21.56 0.28 0.00	22.02 0.48 0.00	22.56 0.68 0.00

ROCKVIEW_13_KV_LD 356306	19.43 1.22 0.00	16.99 1.06 0.00	16.11 0.96 0.00	16.46 0.87 0.00	17.95 0.77 0.00	20.35 0.89 0.00	20.66 0.99 0.00	22.55 1.26 0.00	31.17 1.51 0.00	22.87 1.07 0.00	19.98 0.91 0.00	21.86 0.87 0.00	19.85 0.86 0.00	18.98 0.87 0.00	18.24 0.88 0.00	19.12 1.04 0.00	20.50 1.04 0.00	26.60 1.26 0.00	29.30 1.44 0.00	22.75 1.18 0.00	29.38 1.41 0.00	22.16 0.88 0.00	22.38 0.85 0.00	22.72 0.84 0.00
ROME____115KV_TB2 80656	18.92 0.70 0.00	16.47 0.53 0.00	15.56 0.41 0.00	16.07 0.47 0.00	17.72 0.53 0.00	20.07 0.61 0.00	20.38 0.71 0.00	22.08 0.79 0.00	30.83 1.17 0.00	22.79 0.98 0.00	19.80 0.73 0.00	21.85 0.85 0.00	19.69 0.70 0.00	18.83 0.73 0.00	17.99 0.63 0.00	18.75 0.66 0.00	20.13 0.67 0.00	26.25 0.90 0.00	29.03 1.17 0.00	22.62 1.06 0.00	29.46 1.50 0.00	22.35 1.07 0.00	22.53 0.99 0.00	22.85 0.97 0.00
ROSETON___1 23587	19.16 0.95 0.00	16.76 0.82 0.00	15.91 0.76 0.00	16.28 0.68 0.00	17.76 0.58 0.00	20.13 0.67 0.00	20.40 0.72 0.00	22.22 0.93 0.00	30.74 1.08 0.00	22.55 0.74 0.00	19.68 0.62 0.00	21.57 0.57 0.00	19.57 0.58 0.00	18.69 0.59 0.00	17.95 0.59 0.00	18.80 0.71 0.00	20.17 0.71 0.00	26.21 0.87 0.00	28.90 1.03 0.00	22.42 0.85 0.00	28.95 0.99 0.00	21.89 0.61 0.00	22.10 0.56 0.00	22.44 0.56 0.00
ROSETON___2 23588	19.16 0.95 0.00	16.76 0.82 0.00	15.91 0.76 0.00	16.28 0.68 0.00	17.76 0.58 0.00	20.13 0.67 0.00	20.40 0.72 0.00	22.22 0.93 0.00	30.74 1.08 0.00	22.55 0.74 0.00	19.68 0.62 0.00	21.57 0.57 0.00	19.57 0.58 0.00	18.69 0.59 0.00	17.95 0.59 0.00	18.80 0.71 0.00	20.17 0.71 0.00	26.21 0.87 0.00	28.90 1.03 0.00	22.42 0.85 0.00	28.95 0.99 0.00	21.89 0.61 0.00	22.10 0.56 0.00	22.44 0.56 0.00
ROTTDAM_115KV_TB3 80664	18.71 0.50 0.00	16.36 0.42 0.00	15.55 0.39 0.00	15.96 0.37 0.00	17.47 0.28 0.00	19.79 0.34 0.00	20.05 0.38 0.00	21.76 0.47 0.00	30.22 0.57 0.00	22.18 0.36 0.00	19.33 0.26 0.00	21.26 0.26 0.00	19.26 0.27 0.00	18.36 0.25 0.00	17.57 0.22 0.00	18.36 0.27 0.00	19.76 0.30 0.00	25.77 0.42 0.00	28.37 0.51 0.00	22.00 0.44 0.00	28.47 0.50 0.00	21.62 0.34 0.00	21.82 0.28 0.00	22.13 0.25 0.00
RUSSELL___1 23602	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
RUSSELL___2 23532	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
RUSSELL___3 23549	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
RUSSELL___4 23556	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
RUSSELL___STATION 23914	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
S SALMON___HYD 24043	18.00 -0.21 0.00	15.63 -0.31 0.00	14.75 -0.40 0.00	15.27 -0.33 0.00	16.81 -0.37 0.00	19.01 -0.45 0.00	19.24 -0.43 0.00	20.84 -0.45 0.00	29.16 -0.50 0.00	21.59 -0.21 0.00	18.77 -0.30 0.00	20.71 -0.29 0.00	18.70 -0.30 0.00	17.85 -0.26 0.00	17.04 -0.32 0.00	17.71 -0.38 0.00	18.92 -0.54 0.00	24.67 -0.67 0.00	27.23 -0.64 0.00	21.33 -0.23 0.00	27.92 -0.04 0.00	21.20 -0.07 0.00	21.40 -0.13 0.00	21.78 -0.10 0.00
S.PERRY__115KV_TB1 80734	16.89 -0.34 0.98	15.59 -0.32 0.03	15.00 -0.15 0.00	15.50 -0.10 0.00	17.08 -0.10 0.00	19.49 0.03 0.00	19.68 0.01 0.00	21.14 -0.15 0.00	28.75 -0.90 0.00	21.47 -0.34 0.00	19.05 -0.02 0.00	21.24 0.24 0.00	19.73 0.74 0.00	18.98 0.87 0.00	18.21 0.85 0.00	18.89 0.80 0.00	20.47 1.01 0.00	26.58 1.23 0.00	29.15 1.28 0.00	22.74 1.18 0.00	29.71 1.75 0.00	22.57 1.29 0.00	22.99 1.45 0.00	23.51 1.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.24 -1.17 1.80	14.90 -0.99 0.05	14.38 -0.77 0.00	14.79 -0.81 0.00	16.36 -0.82 0.00	18.66 -0.79 0.00	18.97 -0.70 0.00	20.60 -0.69 0.00	28.32 -1.34 0.00	21.09 -0.72 0.00	18.84 -0.23 0.00	21.01 0.01 0.00	19.09 0.10 0.00	18.24 0.13 0.00	17.53 0.17 0.00	18.07 -0.02 0.00	19.60 0.15 0.00	25.33 -0.01 0.00	27.56 -0.31 0.00	21.43 -0.13 0.00	27.94 -0.03 0.00	21.31 0.03 0.00	21.92 0.38 0.00	22.61 0.73 0.00
SAWYER___23_KV_LOAD 55526	15.24 -1.17 1.80	14.90 -0.99 0.05	14.38 -0.77 0.00	14.79 -0.81 0.00	16.36 -0.82 0.00	18.66 -0.79 0.00	18.97 -0.70 0.00	20.60 -0.69 0.00	28.32 -1.34 0.00	21.09 -0.72 0.00	18.84 -0.23 0.00	21.01 0.01 0.00	19.09 0.10 0.00	18.24 0.13 0.00	17.53 0.17 0.00	18.07 -0.02 0.00	19.60 0.15 0.00	25.33 -0.01 0.00	27.56 -0.31 0.00	21.43 -0.13 0.00	27.94 -0.03 0.00	21.31 0.03 0.00	21.92 0.38 0.00	22.61 0.73 0.00
SELKIRK___I 23801	18.62 0.41 0.00	16.36 0.42 0.00	15.55 0.40 0.00	15.95 0.35 0.00	17.38 0.20 0.00	19.65 0.19 0.00	19.90 0.23 0.00	21.56 0.27 0.00	29.88 0.23 0.00	21.90 0.09 0.00	19.10 0.03 0.00	20.84 0.01 0.17	19.04 0.05 0.00	18.09 -0.02 0.00	17.31 -0.05 0.00	18.01 -0.07 0.00	19.42 -0.04 0.00	25.26 -0.05 0.02	27.95 0.09 0.00	21.73 0.17 0.00	28.14 0.18 0.00	21.38 0.10 0.00	21.57 0.03 0.00	21.88 0.00 0.00

SELKIRK___II 23799	18.56 0.34 0.00	16.30 0.36 0.00	15.49 0.33 0.00	15.88 0.28 0.00	17.29 0.11 0.00	19.55 0.10 0.00	19.80 0.13 0.00	21.46 0.17 0.00	29.79 0.13 0.00	21.85 0.04 0.00	19.09 0.03 0.00	20.77 -0.04 0.19	19.01 0.02 0.00	18.12 0.01 0.00	17.34 -0.02 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.30 -0.01 0.03	27.91 0.05 0.00	21.66 0.10 0.00	28.03 0.06 0.00	21.28 0.00 0.00	21.47 -0.07 0.00	21.77 -0.11 0.00
SENECA OSWGO___HYD 24041	17.90 -0.31 0.00	15.64 -0.30 0.00	14.86 -0.29 0.00	15.27 -0.33 0.00	16.80 -0.38 0.00	19.07 -0.39 0.00	19.33 -0.34 0.00	20.96 -0.34 0.00	29.13 -0.53 0.00	21.46 -0.35 0.00	18.79 -0.27 0.00	20.72 -0.28 0.00	18.75 -0.24 0.00	17.87 -0.24 0.00	17.12 -0.24 0.00	17.83 -0.25 0.00	19.16 -0.29 0.00	24.99 -0.35 0.00	27.50 -0.36 0.00	21.35 -0.21 0.00	27.69 -0.27 0.00	21.03 -0.25 0.00	21.28 -0.25 0.00	21.63 -0.24 0.00
SENECA___115KV_TB3 355854	15.68 -0.85 1.68	15.18 -0.71 0.05	14.62 -0.54 0.00	15.00 -0.59 0.00	16.58 -0.60 0.00	18.92 -0.54 0.00	19.25 -0.43 0.00	20.95 -0.34 0.00	28.78 -0.88 0.00	21.43 -0.39 0.00	19.13 0.06 0.00	21.33 0.33 0.00	19.37 0.38 0.00	18.53 0.42 0.00	17.82 0.46 0.00	18.37 0.28 0.00	19.92 0.47 0.00	25.74 0.39 0.00	28.01 0.15 0.00	21.78 0.22 0.00	28.38 0.41 0.00	21.62 0.34 0.00	22.24 0.70 0.00	22.95 1.07 0.00
SENECA___ENERGY 23797	20.80 -0.17 -2.76	15.84 -0.18 -0.08	15.06 -0.09 0.00	15.47 -0.14 0.00	17.03 -0.15 0.00	19.40 -0.06 0.00	19.74 0.07 0.00	21.49 0.20 0.00	29.55 -0.11 0.00	21.86 0.05 0.00	19.27 0.21 0.00	21.42 0.42 0.00	19.43 0.44 0.00	18.57 0.46 0.00	17.80 0.44 0.00	18.47 0.39 0.00	19.98 0.52 0.00	25.93 0.59 0.00	28.46 0.60 0.00	22.12 0.56 0.00	28.69 0.72 0.00	21.83 0.55 0.00	22.18 0.64 0.00	22.66 0.78 0.00
SHOEMAKER___GT 23640	19.13 0.92 0.00	16.74 0.80 0.00	15.88 0.73 0.00	16.26 0.66 0.00	17.77 0.59 0.00	20.14 0.69 0.00	20.40 0.73 0.00	22.21 0.92 0.00	30.70 1.05 0.00	22.51 0.70 0.00	19.60 0.54 0.00	21.50 0.50 0.00	19.52 0.53 0.00	18.65 0.54 0.00	17.90 0.54 0.00	18.75 0.67 0.00	20.11 0.65 0.00	26.18 0.84 0.00	28.88 1.02 0.00	22.44 0.87 0.00	29.01 1.04 0.00	21.94 0.66 0.00	22.18 0.64 0.00	22.53 0.65 0.00
SHOEMAKR_138KV_BK 111 55601	19.12 0.91 0.00	16.73 0.79 0.00	15.88 0.72 0.00	16.25 0.65 0.00	17.76 0.58 0.00	20.13 0.67 0.00	20.39 0.72 0.00	22.20 0.91 0.00	30.71 1.05 0.00	22.51 0.70 0.00	19.61 0.55 0.00	21.50 0.50 0.00	19.52 0.53 0.00	18.66 0.55 0.00	17.90 0.54 0.00	18.76 0.67 0.00	20.12 0.66 0.00	26.19 0.84 0.00	28.88 1.02 0.00	22.43 0.86 0.00	29.01 1.04 0.00	21.93 0.65 0.00	22.16 0.63 0.00	22.52 0.64 0.00
SHOREHAM_IC_1 23715	19.80 1.59 0.00	17.37 1.43 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.23 0.00	20.82 1.15 0.00	22.72 1.43 0.00	31.42 1.76 0.00	22.72 0.91 0.00	20.05 0.98 0.00	21.63 0.63 0.00	19.52 0.53 0.00	18.67 0.56 0.00	18.40 0.57 -0.47	21.30 1.07 -2.14	20.38 0.93 0.00	26.46 1.12 0.00	28.85 0.99 0.00	22.46 0.89 0.00	29.02 1.05 0.00	21.98 0.70 0.00	22.54 1.00 0.00	22.82 0.94 0.00
SHOREHAM_IC_2 23716	19.80 1.59 0.00	17.37 1.43 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.23 0.00	20.82 1.15 0.00	22.72 1.43 0.00	31.42 1.76 0.00	22.72 0.91 0.00	20.05 0.98 0.00	21.63 0.63 0.00	19.52 0.53 0.00	18.67 0.56 0.00	18.40 0.57 -0.47	21.30 1.07 -2.14	20.38 0.93 0.00	26.46 1.12 0.00	28.85 0.99 0.00	22.46 0.89 0.00	29.02 1.05 0.00	21.98 0.70 0.00	22.54 1.00 0.00	22.82 0.94 0.00
SISSONVILLE____ 23735	17.43 -0.78 0.00	15.22 -0.72 0.00	14.46 -0.69 0.00	15.11 -0.49 0.00	16.79 -0.39 0.00	18.91 -0.55 0.00	18.98 -0.69 0.00	20.48 -0.81 0.00	28.81 -0.85 0.00	24.27 -0.58 -3.04	23.95 -0.61 -5.49	20.43 -0.57 0.00	18.36 -0.64 0.00	17.45 -0.66 0.00	16.71 -0.65 0.00	17.28 -0.81 0.00	18.53 -0.93 0.00	24.23 -1.11 0.00	26.63 -1.23 0.00	20.75 -0.81 0.00	27.16 -0.81 0.00	20.75 -0.53 0.00	20.94 -0.60 0.00	21.23 -0.65 0.00
SITHE_IND_GS1 24169	17.74 -0.47 0.00	15.52 -0.42 0.00	14.76 -0.39 0.00	15.18 -0.42 0.00	16.69 -0.49 0.00	18.93 -0.53 0.00	19.17 -0.50 0.00	20.79 -0.51 0.00	28.88 -0.78 0.00	21.27 -0.54 0.00	18.62 -0.44 0.00	20.53 -0.47 0.00	18.58 -0.41 0.00	17.72 -0.39 0.00	16.99 -0.37 0.00	17.69 -0.40 0.00	19.03 -0.42 0.00	24.78 -0.56 0.00	27.25 -0.61 0.00	21.13 -0.44 0.00	27.40 -0.56 0.00	20.83 -0.45 0.00	21.10 -0.44 0.00	21.45 -0.43 0.00
SITHE_IND_GS2 24170	17.74 -0.47 0.00	15.52 -0.42 0.00	14.76 -0.39 0.00	15.18 -0.42 0.00	16.69 -0.49 0.00	18.93 -0.53 0.00	19.17 -0.50 0.00	20.79 -0.51 0.00	28.88 -0.78 0.00	21.27 -0.54 0.00	18.62 -0.44 0.00	20.53 -0.47 0.00	18.58 -0.41 0.00	17.72 -0.39 0.00	16.99 -0.37 0.00	17.69 -0.40 0.00	19.03 -0.42 0.00	24.78 -0.56 0.00	27.25 -0.61 0.00	21.13 -0.44 0.00	27.40 -0.56 0.00	20.83 -0.45 0.00	21.10 -0.44 0.00	21.45 -0.43 0.00
SITHE_IND_GS3 24171	17.74 -0.47 0.00	15.52 -0.42 0.00	14.76 -0.39 0.00	15.18 -0.42 0.00	16.69 -0.49 0.00	18.93 -0.53 0.00	19.17 -0.50 0.00	20.79 -0.51 0.00	28.88 -0.78 0.00	21.27 -0.54 0.00	18.62 -0.44 0.00	20.53 -0.47 0.00	18.58 -0.41 0.00	17.72 -0.39 0.00	16.99 -0.37 0.00	17.69 -0.40 0.00	19.03 -0.42 0.00	24.78 -0.56 0.00	27.25 -0.61 0.00	21.13 -0.44 0.00	27.40 -0.56 0.00	20.83 -0.45 0.00	21.10 -0.44 0.00	21.45 -0.43 0.00
SITHE_IND_GS4 24172	17.74 -0.47 0.00	15.52 -0.42 0.00	14.76 -0.39 0.00	15.18 -0.42 0.00	16.69 -0.49 0.00	18.93 -0.53 0.00	19.17 -0.50 0.00	20.79 -0.51 0.00	28.88 -0.78 0.00	21.27 -0.54 0.00	18.62 -0.44 0.00	20.53 -0.47 0.00	18.58 -0.41 0.00	17.72 -0.39 0.00	16.99 -0.37 0.00	17.69 -0.40 0.00	19.03 -0.42 0.00	24.78 -0.56 0.00	27.25 -0.61 0.00	21.13 -0.44 0.00	27.40 -0.56 0.00	20.83 -0.45 0.00	21.10 -0.44 0.00	21.45 -0.43 0.00
SITHE___BATAVIA 24024	15.30 -0.78 2.14	15.22 -0.65 0.06	14.66 -0.49 0.00	15.14 -0.46 0.00	16.77 -0.42 0.00	19.18 -0.28 0.00	19.53 -0.14 0.00	21.21 -0.08 0.00	29.17 -0.49 0.00	21.76 -0.05 0.00	19.42 0.35 0.00	21.63 0.63 0.00	19.67 0.67 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.60 0.52 0.00	20.14 0.68 0.00	26.05 0.71 0.00	28.39 0.52 0.00	22.10 0.54 0.00	28.80 0.83 0.00	21.94 0.66 0.00	22.47 0.93 0.00	23.08 1.20 0.00
SITHE___INDEPEND 23800	17.74 -0.47 0.00	15.52 -0.42 0.00	14.76 -0.39 0.00	15.18 -0.42 0.00	16.69 -0.49 0.00	18.93 -0.53 0.00	19.17 -0.50 0.00	20.79 -0.51 0.00	28.88 -0.78 0.00	21.27 -0.54 0.00	18.62 -0.44 0.00	20.53 -0.47 0.00	18.58 -0.41 0.00	17.72 -0.39 0.00	16.99 -0.37 0.00	17.69 -0.40 0.00	19.03 -0.42 0.00	24.78 -0.56 0.00	27.25 -0.61 0.00	21.12 -0.44 0.00	27.40 -0.56 0.00	20.83 -0.45 0.00	21.10 -0.44 0.00	21.45 -0.43 0.00

SITHE___MASSENA 23902	17.92 -0.29 0.00	15.70 -0.24 0.00	14.95 -0.20 0.00	15.55 -0.06 0.00	17.26 0.08 0.00	19.49 0.03 0.00	19.58 -0.09 0.00	21.12 -0.17 0.00	29.63 -0.03 0.00	22.37 0.00 -0.56	20.06 -0.02 -1.01	21.04 0.04 0.00	18.94 -0.05 0.00	18.02 -0.09 0.00	17.27 -0.09 0.00	17.91 -0.18 0.00	19.26 -0.20 0.00	25.14 -0.20 0.00	27.59 -0.27 0.00	21.37 -0.19 0.00	27.85 -0.12 0.00	21.27 -0.01 0.00	21.50 -0.04 0.00	21.82 -0.06 0.00
SITHE___OGDNSBRG 24021	17.94 -0.27 0.00	15.69 -0.25 0.00	14.94 -0.22 0.00	15.57 -0.03 0.00	17.32 0.14 0.00	19.57 0.11 0.00	19.70 0.03 0.00	21.25 -0.04 0.00	29.82 0.16 0.00	24.05 0.16 -2.08	22.90 0.09 -3.75	21.15 0.15 0.00	18.93 -0.06 0.00	17.96 -0.14 0.00	17.17 -0.19 0.00	17.74 -0.34 0.00	19.04 -0.42 0.00	24.91 -0.43 0.00	27.40 -0.46 0.00	21.42 -0.15 0.00	28.09 0.13 0.00	21.45 0.17 0.00	21.63 0.09 0.00	21.91 0.03 0.00
SITHE___STERLING 23777	18.80 0.59 0.00	16.39 0.45 0.00	15.52 0.37 0.00	15.99 0.39 0.00	17.61 0.43 0.00	19.98 0.52 0.00	20.29 0.62 0.00	21.99 0.70 0.00	30.63 0.97 0.00	22.60 0.79 0.00	19.70 0.63 0.00	21.71 0.71 0.00	19.59 0.60 0.00	18.73 0.62 0.00	17.90 0.54 0.00	18.66 0.57 0.00	20.07 0.61 0.00	26.16 0.82 0.00	28.89 1.03 0.00	22.47 0.91 0.00	29.21 1.25 0.00	22.15 0.87 0.00	22.36 0.82 0.00	22.69 0.81 0.00
SLEIGHT__34_KV_TB1 80719	15.16 -0.62 2.43	15.32 -0.55 0.07	14.75 -0.41 0.00	15.15 -0.45 0.00	16.73 -0.46 0.00	19.08 -0.38 0.00	19.41 -0.26 0.00	21.09 -0.20 0.00	29.14 -0.52 0.00	21.59 -0.22 0.00	19.12 0.05 0.00	21.24 0.24 0.00	19.28 0.29 0.00	18.40 0.29 0.00	17.65 0.29 0.00	18.27 0.18 0.00	19.74 0.28 0.00	25.62 0.28 0.00	28.04 0.17 0.00	21.79 0.22 0.00	28.33 0.36 0.00	21.53 0.25 0.00	21.92 0.38 0.00	22.43 0.55 0.00
SOUTH CAIRO___GT 23612	18.98 0.77 0.00	16.69 0.75 0.00	15.86 0.71 0.00	16.28 0.68 0.00	17.71 0.53 0.00	20.06 0.60 0.00	20.40 0.73 0.00	22.14 0.85 0.00	30.71 1.06 0.00	22.33 0.52 0.00	19.33 0.26 0.00	20.98 0.15 0.17	19.28 0.29 0.00	18.36 0.25 0.00	17.52 0.16 0.00	18.10 0.01 0.00	19.51 0.05 0.00	25.58 0.26 0.02	28.42 0.56 0.00	22.31 0.75 0.00	28.98 1.02 0.00	22.03 0.75 0.00	22.13 0.59 0.00	22.35 0.47 0.00
SOUTH HAMPTN___IC 23720	20.09 1.88 0.00	17.61 1.67 0.00	16.66 1.50 0.00	16.96 1.36 0.00	18.53 1.35 0.00	21.01 1.55 0.00	21.17 1.50 0.00	23.11 1.82 0.00	31.95 2.30 0.00	23.14 1.33 0.00	20.42 1.35 0.00	22.04 1.04 0.00	19.87 0.88 0.00	18.95 0.84 0.00	18.70 0.87 -0.46	21.60 1.38 -2.13	20.75 1.28 0.00	26.94 1.60 0.00	29.40 1.54 0.00	22.90 1.34 0.00	29.58 1.62 0.00	22.40 1.12 0.00	22.93 1.39 0.00	23.22 1.33 0.00
SOUTHDOW__115KV_TB1 355954	16.81 0.04 1.44	15.90 0.00 0.04	15.16 0.01 0.00	15.44 -0.16 0.00	17.13 -0.05 0.00	19.61 0.15 0.00	19.98 0.31 0.00	21.89 0.60 0.00	30.05 0.40 0.00	22.40 0.59 0.00	20.02 0.95 0.00	22.33 1.33 0.00	20.27 1.28 0.00	19.38 1.27 0.00	18.66 1.30 0.00	19.17 1.08 0.00	20.81 1.35 0.00	26.91 1.57 0.00	29.31 1.45 0.00	22.77 1.21 0.00	29.62 1.65 0.00	22.48 1.20 0.00	23.10 1.56 0.00	23.85 1.97 0.00
SOUTHOLD_69_KV_BK 2 55809	20.22 2.01 0.00	17.72 1.78 0.00	16.76 1.61 0.00	17.07 1.47 0.00	18.67 1.48 0.00	21.16 1.70 0.00	21.32 1.65 0.00	23.29 2.00 0.00	32.21 2.55 0.00	23.33 1.52 0.00	20.58 1.51 0.00	22.20 1.20 0.00	20.00 1.01 0.00	19.08 0.97 0.00	18.81 0.98 -0.47	21.71 1.49 -2.13	20.89 1.43 0.00	27.14 1.80 0.00	29.63 1.76 0.00	23.08 1.52 0.00	29.82 1.86 0.00	22.57 1.29 0.00	23.09 1.55 0.00	23.38 1.50 0.00
SOUTHOLD___IC 23719	20.22 2.01 0.00	17.72 1.78 0.00	16.76 1.61 0.00	17.07 1.47 0.00	18.67 1.48 0.00	21.16 1.70 0.00	21.33 1.66 0.00	23.29 2.00 0.00	32.21 2.55 0.00	23.33 1.52 0.00	20.58 1.51 0.00	22.20 1.20 0.00	20.00 1.01 0.00	19.07 0.97 0.00	18.81 0.98 -0.47	21.71 1.49 -2.13	20.88 1.43 0.00	27.14 1.80 0.00	29.63 1.77 0.00	23.08 1.52 0.00	29.82 1.85 0.00	22.57 1.29 0.00	23.09 1.55 0.00	23.38 1.50 0.00
SOUTH_FORK_WT_PWR 323839	20.26 2.05 0.00	17.75 1.81 0.00	16.79 1.64 0.00	17.10 1.50 0.00	18.70 1.52 0.00	21.20 1.74 0.00	21.38 1.70 0.00	23.34 2.04 0.00	32.27 2.61 0.00	23.37 1.56 0.00	20.62 1.55 0.00	22.24 1.24 0.00	20.04 1.05 0.00	19.10 0.99 0.00	18.84 1.01 -0.46	21.74 1.52 -2.13	20.92 1.46 0.00	27.18 1.84 0.00	29.68 1.82 0.00	23.13 1.57 0.00	29.88 1.92 0.00	22.62 1.34 0.00	23.14 1.60 0.00	23.42 1.54 0.00
SPIERFLS_115KV_TB 1 80737	18.69 0.47 0.00	16.30 0.36 0.00	15.50 0.35 0.00	15.96 0.37 0.00	17.40 0.22 0.00	19.81 0.35 0.00	20.10 0.43 0.00	21.89 0.60 0.00	30.45 0.80 0.00	22.26 0.45 0.00	19.29 0.23 0.00	21.41 0.23 -0.18	19.20 0.21 0.00	18.25 0.14 0.00	17.46 0.10 0.00	18.29 0.20 0.00	19.80 0.34 0.00	25.98 0.62 -0.03	28.59 0.72 0.00	22.15 0.58 0.00	28.58 0.62 0.00	21.73 0.45 0.00	21.81 0.27 0.00	22.00 0.12 0.00
ST LAWRENCE___ 23600	17.80 -0.41 0.00	15.60 -0.34 0.00	14.87 -0.29 0.00	15.43 -0.16 0.00	17.14 -0.04 0.00	19.35 -0.11 0.00	19.45 -0.22 0.00	20.97 -0.32 0.00	29.42 -0.24 0.00	21.64 -0.17 0.00	18.91 -0.16 0.00	20.89 -0.11 0.00	18.81 -0.18 0.00	17.90 -0.20 0.00	17.17 -0.19 0.00	17.82 -0.27 0.00	19.17 -0.29 0.00	25.01 -0.33 0.00	27.44 -0.42 0.00	21.21 -0.35 0.00	27.62 -0.35 0.00	21.10 -0.18 0.00	21.33 -0.20 0.00	21.67 -0.22 0.00
STATE_CA_115KV_115_LB 55624	18.46 0.25 0.00	16.28 0.34 0.00	15.45 0.30 0.00	15.83 0.23 0.00	17.19 0.01 0.00	19.42 -0.04 0.00	19.69 0.02 0.00	21.35 0.06 0.00	29.63 -0.03 0.00	21.72 -0.09 0.00	19.01 -0.06 0.00	20.70 -0.11 0.19	18.96 -0.03 0.00	18.07 -0.04 0.00	17.24 -0.12 0.00	17.98 -0.10 0.00	19.37 -0.09 0.00	25.20 -0.11 0.03	27.79 -0.07 0.00	21.56 0.00 0.00	27.87 -0.10 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.59 -0.29 0.00
STATE_ST_34_KV_LOAD 55959	19.25 0.18 -0.86	16.09 0.12 -0.03	15.37 0.22 0.00	15.73 0.13 0.00	17.32 0.14 0.00	19.72 0.26 0.00	20.04 0.37 0.00	21.76 0.47 0.00	30.08 0.43 0.00	22.20 0.39 0.00	19.52 0.46 0.00	21.62 0.62 0.00	19.58 0.59 0.00	18.69 0.58 0.00	17.92 0.57 0.00	18.61 0.52 0.00	20.09 0.63 0.00	26.12 0.78 0.00	28.74 0.87 0.00	22.34 0.78 0.00	28.98 1.01 0.00	22.00 0.72 0.00	22.32 0.79 0.00	22.86 0.98 0.00
STATION 5_MISC_HYD 23604	14.97 -0.78 2.47	15.20 -0.67 0.07	14.62 -0.53 0.00	15.09 -0.51 0.00	16.67 -0.51 0.00	19.02 -0.44 0.00	19.32 -0.35 0.00	20.96 -0.33 0.00	28.91 -0.75 0.00	21.48 -0.33 0.00	19.08 0.02 0.00	21.22 0.22 0.00	19.29 0.30 0.00	18.42 0.31 0.00	17.66 0.31 0.00	18.27 0.18 0.00	19.77 0.32 0.00	25.63 0.29 0.00	27.97 0.10 0.00	21.74 0.17 0.00	28.32 0.35 0.00	21.56 0.28 0.00	22.02 0.48 0.00	22.56 0.68 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.08 -0.42 3.71	15.45 -0.38 0.11	14.90 -0.25 0.00	15.33 -0.27 0.00	16.92 -0.26 0.00	19.31 -0.15 0.00	19.66 -0.01 0.00	21.37 0.08 0.00	29.46 -0.20 0.00	21.84 0.03 0.00	19.36 0.29 0.00	21.51 0.51 0.00	19.54 0.55 0.00	18.66 0.55 0.00	17.90 0.54 0.00	18.53 0.44 0.00	20.03 0.57 0.00	25.98 0.64 0.00	28.43 0.57 0.00	22.10 0.54 0.00	28.73 0.76 0.00	21.86 0.58 0.00	22.25 0.71 0.00	22.75 0.87 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.72 -0.80 2.69	15.17 -0.69 0.08	14.62 -0.54 0.00	15.06 -0.54 0.00	16.63 -0.55 0.00	18.99 -0.47 0.00	19.31 -0.36 0.00	20.96 -0.33 0.00	28.94 -0.72 0.00	21.51 -0.30 0.00	19.13 0.06 0.00	21.26 0.26 0.00	19.33 0.34 0.00	18.45 0.34 0.00	17.69 0.33 0.00	18.29 0.21 0.00	19.79 0.33 0.00	25.66 0.32 0.00	28.00 0.14 0.00	21.76 0.20 0.00	28.33 0.36 0.00	21.56 0.28 0.00	22.00 0.46 0.00	22.52 0.64 0.00
STA_56____34_KV_BUS2 355983	14.72 -0.80 2.69	15.17 -0.69 0.08	14.62 -0.54 0.00	15.06 -0.54 0.00	16.63 -0.55 0.00	18.99 -0.47 0.00	19.31 -0.36 0.00	20.96 -0.33 0.00	28.94 -0.72 0.00	21.51 -0.30 0.00	19.13 0.06 0.00	21.26 0.26 0.00	19.33 0.34 0.00	18.45 0.34 0.00	17.69 0.33 0.00	18.29 0.21 0.00	19.79 0.33 0.00	25.66 0.32 0.00	28.00 0.14 0.00	21.76 0.20 0.00	28.33 0.36 0.00	21.56 0.28 0.00	22.00 0.46 0.00	22.52 0.64 0.00
STA_67____115KV_BK2 355882	14.93 -0.81 2.47	15.17 -0.69 0.07	14.62 -0.53 0.00	15.06 -0.54 0.00	16.64 -0.54 0.00	18.98 -0.48 0.00	19.30 -0.38 0.00	20.92 -0.37 0.00	28.85 -0.81 0.00	21.43 -0.38 0.00	19.05 -0.02 0.00	21.17 0.17 0.00	19.25 0.25 0.00	18.36 0.25 0.00	17.62 0.26 0.00	18.22 0.13 0.00	19.72 0.26 0.00	25.57 0.23 0.00	27.90 0.04 0.00	21.69 0.12 0.00	28.25 0.29 0.00	21.51 0.23 0.00	21.97 0.44 0.00	22.52 0.64 0.00
STA_7____115KV_9TRANS 80674	15.03 -0.71 2.47	15.26 -0.61 0.07	14.70 -0.46 0.00	15.14 -0.46 0.00	16.73 -0.45 0.00	19.09 -0.36 0.00	19.41 -0.26 0.00	21.05 -0.24 0.00	29.03 -0.63 0.00	21.57 -0.24 0.00	19.17 0.11 0.00	21.31 0.31 0.00	19.37 0.38 0.00	18.49 0.38 0.00	17.74 0.38 0.00	18.33 0.24 0.00	19.84 0.38 0.00	25.74 0.40 0.00	28.10 0.23 0.00	21.83 0.27 0.00	28.44 0.48 0.00	21.66 0.38 0.00	22.11 0.58 0.00	22.65 0.77 0.00
STA_82____115KV_TB1 80780	14.95 -0.80 2.46	15.18 -0.69 0.07	14.63 -0.52 0.00	15.07 -0.53 0.00	16.65 -0.53 0.00	19.00 -0.46 0.00	19.31 -0.36 0.00	20.94 -0.36 0.00	28.86 -0.80 0.00	21.46 -0.36 0.00	19.06 0.00 0.00	21.19 0.19 0.00	19.26 0.27 0.00	18.38 0.27 0.00	17.64 0.28 0.00	18.23 0.15 0.00	19.74 0.28 0.00	25.60 0.25 0.00	27.93 0.07 0.00	21.71 0.14 0.00	28.29 0.32 0.00	21.54 0.26 0.00	22.00 0.46 0.00	22.54 0.66 0.00
STEEL____WIND 323596	15.67 -0.87 1.68	15.16 -0.73 0.05	14.57 -0.59 0.00	14.98 -0.61 0.00	16.55 -0.63 0.00	18.90 -0.56 0.00	19.21 -0.46 0.00	20.93 -0.36 0.00	28.76 -0.90 0.00	21.40 -0.41 0.00	19.10 0.04 0.00	21.30 0.30 0.00	19.35 0.36 0.00	18.52 0.41 0.00	17.80 0.45 0.00	18.36 0.28 0.00	19.92 0.47 0.00	25.71 0.37 0.00	27.99 0.13 0.00	21.78 0.21 0.00	28.36 0.40 0.00	21.61 0.33 0.00	22.22 0.68 0.00	22.93 1.05 0.00
STEPHTWN_115KV_BK_2 55603	18.65 0.43 0.00	16.40 0.46 0.00	15.57 0.42 0.00	15.97 0.37 0.00	17.33 0.15 0.00	19.62 0.16 0.00	19.92 0.25 0.00	21.64 0.35 0.00	29.98 0.32 0.00	21.90 0.09 0.00	19.17 0.10 0.00	20.71 0.03 0.31	19.05 0.06 0.00	18.19 0.09 0.00	17.37 0.02 0.00	18.08 0.00 0.00	19.54 0.09 0.00	25.42 0.12 0.04	28.06 0.20 0.00	21.76 0.20 0.00	28.25 0.28 0.00	21.41 0.13 0.00	21.55 0.01 0.00	21.79 -0.09 0.00
STEUBEN_REC_LFGE 323667	18.00 -0.67 -0.46	15.34 -0.62 -0.01	14.79 -0.37 0.00	15.34 -0.26 0.00	16.85 -0.33 0.00	19.12 -0.34 0.00	19.63 -0.05 0.00	21.46 0.17 0.00	29.43 -0.23 0.00	21.86 0.04 0.00	19.37 0.30 0.00	21.71 0.71 0.00	19.66 0.67 0.00	18.81 0.71 0.00	18.10 0.74 0.00	18.75 0.67 0.00	20.36 0.90 0.00	26.33 0.98 0.00	28.92 1.06 0.00	22.59 1.03 0.00	29.39 1.43 0.00	22.38 1.10 0.00	22.83 1.29 0.00	23.42 1.53 0.00
STILLWATER____SOLAR 323814	18.87 0.66 0.00	16.50 0.56 0.00	15.69 0.54 0.00	16.13 0.53 0.00	17.62 0.44 0.00	19.95 0.49 0.00	20.23 0.55 0.00	21.97 0.68 0.00	30.53 0.87 0.00	22.35 0.54 0.00	19.42 0.35 0.00	21.62 0.35 -0.27	19.37 0.37 0.00	18.40 0.29 0.00	17.60 0.24 0.00	18.42 0.33 0.00	19.91 0.45 0.00	26.09 0.71 -0.04	28.67 0.81 0.00	22.19 0.62 0.00	28.68 0.71 0.00	21.79 0.51 0.00	21.93 0.39 0.00	22.20 0.32 0.00
STONY____BROOK 24151	19.81 1.60 0.00	17.36 1.42 0.00	16.40 1.25 0.00	16.70 1.10 0.00	18.25 1.06 0.00	20.66 1.20 0.00	20.81 1.14 0.00	22.72 1.43 0.00	31.35 1.69 0.00	22.84 1.03 0.00	20.20 1.13 0.00	21.83 0.83 0.00	19.74 0.75 0.00	18.88 0.77 0.00	18.62 0.78 -0.48	21.54 1.30 -2.16	20.59 1.13 0.00	26.62 1.28 0.00	29.08 1.22 0.00	22.62 1.06 0.00	29.20 1.24 0.00	22.10 0.81 0.00	22.62 1.08 0.00	22.98 1.10 0.00
STURGEON_POOL_HYD 23609	19.39 1.17 0.00	16.93 0.99 0.00	16.06 0.90 0.00	16.41 0.81 0.00	17.93 0.75 0.00	20.36 0.90 0.00	20.65 0.97 0.00	22.52 1.23 0.00	31.14 1.48 0.00	22.80 0.99 0.00	19.87 0.81 0.00	21.72 0.76 0.05	19.78 0.78 0.00	18.94 0.83 0.00	18.22 0.86 0.00	19.12 1.03 0.00	20.43 0.97 0.00	26.58 1.24 0.01	29.33 1.47 0.00	22.77 1.21 0.00	29.43 1.46 0.00	22.20 0.92 0.00	22.42 0.88 0.00	22.76 0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.21 0.99 0.00	16.80 0.86 0.00	15.94 0.78 0.00	16.31 0.71 0.00	17.82 0.63 0.00	20.18 0.73 0.00	20.45 0.78 0.00	22.29 1.00 0.00	30.80 1.14 0.00	22.58 0.76 0.00	19.69 0.62 0.00	21.57 0.58 0.00	19.58 0.59 0.00	18.72 0.61 0.00	17.98 0.62 0.00	18.84 0.75 0.00	20.21 0.75 0.00	26.29 0.95 0.00	29.00 1.14 0.00	22.50 0.94 0.00	29.09 1.12 0.00	21.97 0.69 0.00	22.20 0.67 0.00	22.57 0.69 0.00
SWANROAD_115KV_TB1 355699	14.62 -1.67 1.92	14.51 -1.38 0.06	14.02 -1.14 0.00	14.44 -1.15 0.00	16.03 -1.15 0.00	18.28 -1.18 0.00	18.57 -1.10 0.00	20.12 -1.17 0.00	27.63 -2.02 0.00	20.62 -1.19 0.00	18.44 -0.63 0.00	20.54 -0.46 0.00	18.68 -0.31 0.00	17.84 -0.27 0.00	17.14 -0.21 0.00	17.67 -0.42 0.00	19.16 -0.30 0.00	24.75 -0.60 0.00	26.89 -0.97 0.00	20.94 -0.63 0.00	27.28 -0.68 0.00	20.84 -0.44 0.00	21.47 -0.07 0.00	22.16 0.28 0.00
SYNERGY____BIOGAS 323694	15.30 -0.78 2.14	15.22 -0.65 0.06	14.66 -0.49 0.00	15.14 -0.46 0.00	16.77 -0.42 0.00	19.18 -0.28 0.00	19.53 -0.14 0.00	21.21 -0.08 0.00	29.17 -0.49 0.00	21.76 -0.05 0.00	19.42 0.35 0.00	21.63 0.63 0.00	19.67 0.67 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.60 0.52 0.00	20.14 0.68 0.00	26.05 0.71 0.00	28.39 0.52 0.00	22.10 0.54 0.00	28.80 0.83 0.00	21.94 0.66 0.00	22.47 0.93 0.00	23.08 1.20 0.00

SYRACUSE___ENERGY_ST1 323597	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00
SYRACUSE___ENERGY_ST2 323598	18.61 0.12 -0.28	16.02 0.07 -0.01	15.25 0.10 0.00	15.65 0.05 0.00	17.22 0.04 0.00	19.58 0.12 0.00	19.86 0.19 0.00	21.56 0.27 0.00	29.90 0.25 0.00	22.06 0.25 0.00	19.36 0.30 0.00	21.39 0.39 0.00	19.35 0.36 0.00	18.46 0.36 0.00	17.70 0.34 0.00	18.41 0.32 0.00	19.83 0.37 0.00	25.82 0.48 0.00	28.40 0.54 0.00	22.05 0.49 0.00	28.61 0.64 0.00	21.72 0.43 0.00	22.00 0.46 0.00	22.42 0.54 0.00
SYRACUSE___POWER 24017	18.30 0.08 0.00	15.99 0.05 0.00	15.20 0.05 0.00	15.61 0.01 0.00	17.16 -0.02 0.00	19.50 0.04 0.00	19.78 0.11 0.00	21.47 0.18 0.00	29.81 0.16 0.00	21.97 0.16 0.00	19.26 0.19 0.00	21.25 0.25 0.00	19.23 0.23 0.00	18.35 0.24 0.00	17.58 0.22 0.00	18.30 0.21 0.00	19.71 0.25 0.00	25.65 0.31 0.00	28.22 0.35 0.00	21.91 0.34 0.00	28.41 0.45 0.00	21.57 0.29 0.00	21.83 0.30 0.00	22.21 0.33 0.00
TALLMAN___138KV_BK151 55660	19.29 1.08 0.00	16.88 0.94 0.00	16.01 0.86 0.00	16.37 0.77 0.00	17.87 0.69 0.00	20.25 0.79 0.00	20.51 0.83 0.00	22.37 1.08 0.00	30.88 1.22 0.00	22.64 0.83 0.00	19.75 0.68 0.00	21.63 0.63 0.00	19.63 0.64 0.00	18.78 0.67 0.00	18.05 0.69 0.00	18.91 0.82 0.00	20.28 0.82 0.00	26.38 1.04 0.00	29.11 1.25 0.00	22.58 1.02 0.00	29.16 1.19 0.00	21.99 0.72 0.00	22.25 0.71 0.00	22.64 0.75 0.00
TEALLAVE_115KV_TB7 355573	18.14 -0.07 0.00	15.86 -0.08 0.00	15.08 -0.08 0.00	15.48 -0.12 0.00	17.02 -0.16 0.00	19.33 -0.12 0.00	19.60 -0.07 0.00	21.27 -0.02 0.00	29.55 -0.11 0.00	21.77 -0.04 0.00	19.09 0.02 0.00	21.06 0.06 0.00	19.05 0.06 0.00	18.17 0.06 0.00	17.42 0.06 0.00	18.13 0.05 0.00	19.52 0.06 0.00	25.41 0.06 0.00	27.94 0.08 0.00	21.68 0.12 0.00	28.11 0.15 0.00	21.35 0.08 0.00	21.63 0.09 0.00	21.99 0.11 0.00
TELGRAPH_34_KV_EAST 80808	15.00 -1.17 2.05	14.91 -0.97 0.06	14.40 -0.76 0.00	14.83 -0.77 0.00	16.43 -0.75 0.00	18.78 -0.68 0.00	19.10 -0.57 0.00	20.72 -0.57 0.00	28.49 -1.17 0.00	21.25 -0.56 0.00	18.98 -0.09 0.00	21.14 0.15 0.00	19.21 0.22 0.00	18.34 0.23 0.00	17.63 0.27 0.00	18.17 0.08 0.00	19.70 0.24 0.00	25.47 0.12 0.00	27.72 -0.14 0.00	21.57 0.00 0.00	28.12 0.16 0.00	21.45 0.17 0.00	22.03 0.50 0.00	22.69 0.81 0.00
TEMPLE___115KV_TB 2 55572	18.16 -0.06 0.00	15.87 -0.07 0.00	15.09 -0.06 0.00	15.50 -0.10 0.00	17.04 -0.14 0.00	19.35 -0.11 0.00	19.62 -0.05 0.00	21.29 0.00 0.00	29.57 -0.08 0.00	21.79 -0.02 0.00	19.11 0.04 0.00	21.08 0.08 0.00	19.07 0.08 0.00	18.19 0.08 0.00	17.44 0.08 0.00	18.15 0.07 0.00	19.54 0.08 0.00	25.43 0.09 0.00	27.97 0.11 0.00	21.71 0.14 0.00	28.14 0.17 0.00	21.37 0.09 0.00	21.64 0.11 0.00	22.01 0.13 0.00
TIANA___69_KV_BK 1 55817	20.03 1.81 0.00	17.55 1.61 0.00	16.60 1.45 0.00	16.90 1.30 0.00	18.47 1.29 0.00	20.93 1.47 0.00	21.08 1.41 0.00	23.02 1.73 0.00	31.83 2.17 0.00	23.06 1.25 0.00	20.34 1.27 0.00	21.95 0.96 0.00	19.79 0.80 0.00	18.89 0.78 0.00	18.63 0.81 -0.47	21.53 1.31 -2.13	20.68 1.22 0.00	26.85 1.50 0.00	29.31 1.44 0.00	22.82 1.26 0.00	29.48 1.51 0.00	22.32 1.04 0.00	22.85 1.31 0.00	23.13 1.25 0.00
TILDEN___115KV_TB1 80814	18.30 0.08 0.00	15.99 0.05 0.00	15.20 0.05 0.00	15.61 0.01 0.00	17.16 -0.02 0.00	19.50 0.04 0.00	19.78 0.11 0.00	21.47 0.18 0.00	29.81 0.16 0.00	21.97 0.16 0.00	19.26 0.19 0.00	21.25 0.25 0.00	19.23 0.23 0.00	18.35 0.24 0.00	17.58 0.22 0.00	18.30 0.21 0.00	19.71 0.25 0.00	25.65 0.31 0.00	28.22 0.35 0.00	21.91 0.34 0.00	28.41 0.45 0.00	21.57 0.29 0.00	21.83 0.30 0.00	22.21 0.33 0.00
TRIGEN___CC 323695	19.54 1.32 0.00	17.11 1.17 0.00	16.17 1.02 0.00	16.51 0.91 0.00	18.01 0.83 0.00	20.41 0.95 0.00	20.61 0.94 0.00	22.50 1.21 0.00	31.13 1.47 0.00	22.77 0.96 0.00	20.03 0.97 0.00	21.78 0.78 0.00	19.79 0.80 0.00	18.93 0.82 0.00	21.55 0.84 -3.35	25.22 1.15 -5.97	20.54 1.09 0.00	26.53 1.19 0.00	29.17 1.31 0.00	22.66 1.10 0.00	29.25 1.28 0.00	22.09 0.81 0.00	22.42 0.89 0.00	22.78 0.90 0.00
TRINITY___115KV___4 BK 55933	18.43 0.22 0.00	16.24 0.30 0.00	15.41 0.26 0.00	15.80 0.20 0.00	17.15 -0.03 0.00	19.37 -0.09 0.00	19.63 -0.05 0.00	21.27 -0.02 0.00	29.50 -0.16 0.00	21.63 -0.18 0.00	18.93 -0.13 0.00	20.47 -0.21 0.31	18.86 -0.13 0.00	17.98 -0.13 0.00	17.16 -0.20 0.00	17.91 -0.18 0.00	19.27 -0.18 0.00	25.05 -0.24 0.04	27.64 -0.22 0.00	21.45 -0.12 0.00	27.72 -0.25 0.00	21.05 -0.23 0.00	21.22 -0.32 0.00	21.51 -0.37 0.00
UNION___PROCESSING_DRP 323587	14.96 -0.80 2.45	15.19 -0.68 0.07	14.63 -0.52 0.00	15.08 -0.52 0.00	16.66 -0.53 0.00	19.01 -0.45 0.00	19.32 -0.35 0.00	20.95 -0.34 0.00	28.88 -0.78 0.00	21.46 -0.35 0.00	19.07 0.01 0.00	21.20 0.20 0.00	19.27 0.28 0.00	18.39 0.28 0.00	17.65 0.28 0.00	18.24 0.15 0.00	19.75 0.29 0.00	25.61 0.27 0.00	27.95 0.09 0.00	21.72 0.16 0.00	28.29 0.33 0.00	21.55 0.27 0.00	22.01 0.47 0.00	22.55 0.67 0.00
UPPER HUDSON___HYD 24058	18.68 0.47 0.00	16.30 0.36 0.00	15.50 0.35 0.00	15.96 0.37 0.00	17.40 0.22 0.00	19.81 0.35 0.00	20.10 0.43 0.00	21.89 0.60 0.00	30.45 0.80 0.00	22.26 0.45 0.00	19.29 0.23 0.00	21.41 0.23 -0.18	19.20 0.21 0.00	18.25 0.14 0.00	17.46 0.10 0.00	18.29 0.20 0.00	19.80 0.34 0.00	25.98 0.62 -0.03	28.59 0.72 0.00	22.15 0.58 0.00	28.58 0.62 0.00	21.73 0.45 0.00	21.81 0.27 0.00	22.00 0.12 0.00
UPPER RAQUET___HYD 24056	17.43 -0.78 0.00	15.22 -0.72 0.00	14.46 -0.69 0.00	15.11 -0.49 0.00	16.79 -0.39 0.00	18.91 -0.55 0.00	18.98 -0.69 0.00	20.48 -0.81 0.00	28.81 -0.85 0.00	24.27 -0.58 -3.04	23.95 -0.61 -5.49	20.43 -0.57 0.00	18.35 -0.64 0.00	17.45 -0.66 0.00	16.71 -0.65 0.00	17.28 -0.81 0.00	18.52 -0.93 0.00	24.23 -1.11 0.00	26.63 -1.23 0.00	20.75 -0.81 0.00	27.16 -0.81 0.00	20.75 -0.53 0.00	20.94 -0.60 0.00	21.23 -0.65 0.00
VALLEY44_115KV_TB2 355964	16.82 -0.01 1.38	15.89 -0.01 0.04	15.22 0.07 0.00	15.52 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.03 0.00	19.65 -0.02 0.00	21.46 0.17 0.00	29.30 -0.36 0.00	21.72 -0.09 0.00	19.35 0.28 0.00	21.62 0.62 0.00	19.72 0.73 0.00	18.92 0.81 0.00	18.18 0.82 0.00	18.77 0.68 0.00	20.38 0.92 0.00	26.18 0.84 0.00	28.40 0.53 0.00	22.04 0.47 0.00	28.72 0.76 0.00	21.77 0.48 0.00	22.47 0.93 0.00	23.35 1.47 0.00

VALLEY___115KV_TB 1-4 80826	18.39 0.18 0.00	16.12 0.18 0.00	15.29 0.14 0.00	15.67 0.07 0.00	17.16 -0.02 0.00	19.45 -0.01 0.00	19.73 0.06 0.00	21.43 0.14 0.00	29.74 0.08 0.00	21.67 -0.14 0.00	18.84 -0.22 0.00	20.78 -0.22 0.00	18.68 -0.32 0.00	17.83 -0.28 0.00	17.03 -0.33 0.00	17.79 -0.30 0.00	19.18 -0.28 0.00	25.05 -0.29 0.00	27.84 -0.02 0.00	21.57 0.01 0.00	27.98 0.02 0.00	21.23 -0.05 0.00	21.46 -0.08 0.00	21.75 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.94 0.73 0.00	16.56 0.62 0.00	15.74 0.58 0.00	16.12 0.52 0.00	17.71 0.53 0.00	20.11 0.65 0.00	20.39 0.72 0.00	22.15 0.86 0.00	30.73 1.07 0.00	22.58 0.77 0.00	19.71 0.65 0.00	21.69 0.69 0.00	19.64 0.65 0.00	18.74 0.63 0.00	17.96 0.60 0.00	18.71 0.63 0.00	20.12 0.66 0.00	26.17 0.83 0.00	28.92 1.06 0.00	22.47 0.90 0.00	29.09 1.12 0.00	22.07 0.79 0.00	22.32 0.79 0.00	22.70 0.82 0.00
VISCHER___FERRY HYD 24020	18.78 0.57 0.00	16.45 0.51 0.00	15.64 0.49 0.00	16.08 0.48 0.00	17.52 0.34 0.00	19.77 0.32 0.00	20.03 0.35 0.00	21.74 0.46 0.00	30.20 0.54 0.00	22.17 0.36 0.00	19.34 0.28 0.00	21.76 0.23 -0.53	19.22 0.23 0.00	18.26 0.15 0.00	17.44 0.08 0.00	18.29 0.20 0.00	19.75 0.29 0.00	25.87 0.45 -0.08	28.33 0.47 0.00	21.86 0.30 0.00	28.26 0.29 0.00	21.50 0.22 0.00	21.65 0.12 0.00	21.94 0.06 0.00
V_A_10_SYNC_DSASP 323832	14.80 -1.21 2.20	14.84 -1.04 0.07	14.30 -0.85 0.00	14.77 -0.83 0.00	16.33 -0.85 0.00	18.62 -0.83 0.00	18.90 -0.78 0.00	20.51 -0.78 0.00	28.22 -1.44 0.00	20.99 -0.82 0.00	18.70 -0.36 0.00	20.83 -0.17 0.00	18.94 -0.05 0.00	18.08 -0.02 0.00	17.35 -0.01 0.00	17.92 -0.16 0.00	19.42 -0.03 0.00	25.11 -0.23 0.00	27.34 -0.52 0.00	21.27 -0.30 0.00	27.71 -0.26 0.00	21.13 -0.15 0.00	21.69 0.15 0.00	22.32 0.44 0.00
V_CMM_10_SYNC_DSASP 323787	17.88 -0.32 0.00	15.67 -0.27 0.00	14.93 -0.22 0.00	15.51 -0.09 0.00	17.22 0.04 0.00	19.45 -0.01 0.00	19.54 -0.13 0.00	21.07 -0.22 0.00	29.55 -0.11 0.00	21.74 -0.07 0.00	19.00 -0.07 0.00	20.99 -0.01 0.00	18.90 -0.09 0.00	17.99 -0.12 0.00	17.25 -0.10 0.00	17.90 -0.19 0.00	19.26 -0.20 0.00	25.14 -0.20 0.00	27.56 -0.30 0.00	21.32 -0.24 0.00	27.75 -0.22 0.00	21.21 -0.08 0.00	21.44 -0.10 0.00	21.77 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	18.04 -0.17 0.00	15.77 -0.17 0.00	15.20 0.05 0.00	15.97 0.37 0.00	17.47 0.28 0.00	19.31 -0.14 0.00	18.44 -1.24 0.00	20.09 -1.20 0.00	28.30 -1.36 0.00	-1.27 -1.12 21.96	-21.52 -0.92 39.66	20.23 -0.77 0.00	18.41 -0.58 0.00	17.31 -0.80 0.00	16.93 -0.44 0.00	17.22 -0.87 0.00	18.72 -0.74 0.00	24.47 -0.87 0.00	26.19 -1.67 0.00	20.43 -1.14 0.00	26.61 -1.35 0.00	20.62 -0.66 0.00	21.33 -0.21 0.00	21.76 -0.12 0.00
V_D_10_SYNC_DSASP 323841	17.93 -0.29 0.00	15.70 -0.24 0.00	14.96 -0.20 0.00	15.55 -0.05 0.00	17.27 0.09 0.00	19.50 0.04 0.00	19.59 -0.08 0.00	21.13 -0.16 0.00	29.64 -0.02 0.00	22.34 0.00 -0.52	20.00 -0.02 -0.95	21.05 0.05 0.00	18.94 -0.05 0.00	18.02 -0.08 0.00	17.28 -0.08 0.00	17.92 -0.17 0.00	19.26 -0.19 0.00	25.15 -0.19 0.00	27.60 -0.26 0.00	21.38 -0.19 0.00	27.85 -0.11 0.00	21.27 -0.01 0.00	21.50 -0.04 0.00	21.83 -0.05 0.00
V_E_10_SYNC_DSASP 323830	19.46 1.26 0.00	16.99 1.04 0.00	16.14 0.99 0.00	16.58 0.98 0.00	18.40 1.22 0.00	20.96 1.50 0.00	21.34 1.67 0.00	23.20 1.91 0.00	31.87 2.21 0.00	23.35 1.54 0.00	20.31 1.25 0.00	22.34 1.34 0.00	20.24 1.25 0.00	19.11 1.00 0.00	18.34 0.99 0.00	19.00 0.91 0.00	20.55 1.09 0.00	27.11 1.77 0.00	30.33 2.47 0.00	23.66 2.10 0.00	30.61 2.64 0.00	23.18 1.90 0.00	23.38 1.84 0.00	23.70 1.82 0.00
V_F_30_NSYNC___DSASP 323816	18.89 0.68 0.00	16.51 0.57 0.00	15.71 0.56 0.00	16.14 0.55 0.00	17.64 0.45 0.00	19.98 0.52 0.00	20.26 0.58 0.00	22.01 0.72 0.00	30.58 0.92 0.00	22.39 0.58 0.00	19.47 0.40 0.00	21.64 0.42 -0.23	19.41 0.42 0.00	18.45 0.34 0.00	17.65 0.29 0.00	18.46 0.38 0.00	19.95 0.49 0.00	26.13 0.76 -0.03	28.72 0.86 0.00	22.23 0.67 0.00	28.74 0.77 0.00	21.83 0.55 0.00	21.98 0.44 0.00	22.25 0.37 0.00
V_F_30_SYNC_DSASP 323786	18.46 0.25 0.00	16.28 0.34 0.00	15.45 0.29 0.00	15.83 0.23 0.00	17.19 0.01 0.00	19.42 -0.04 0.00	19.69 0.02 0.00	21.35 0.06 0.00	29.63 -0.03 0.00	21.72 -0.09 0.00	19.01 -0.06 0.00	20.69 -0.11 0.19	18.96 -0.03 0.00	18.07 -0.04 0.00	17.24 -0.12 0.00	17.98 -0.10 0.00	19.37 -0.09 0.00	25.20 -0.12 0.03	27.79 -0.07 0.00	21.56 0.00 0.00	27.87 -0.10 0.00	21.15 -0.13 0.00	21.32 -0.22 0.00	21.59 -0.29 0.00
V_XM_10_SYNC_DSASP 323789	18.04 -0.17 0.00	15.77 -0.17 0.00	15.20 0.05 0.00	15.97 0.37 0.00	17.47 0.28 0.00	19.31 -0.14 0.00	18.44 -1.24 0.00	20.09 -1.20 0.00	28.30 -1.36 0.00	-1.27 -1.12 21.96	-21.52 -0.92 39.66	20.23 -0.77 0.00	18.41 -0.58 0.00	17.31 -0.80 0.00	16.93 -0.44 0.00	17.22 -0.87 0.00	18.72 -0.74 0.00	24.47 -0.87 0.00	26.19 -1.67 0.00	20.43 -1.14 0.00	26.61 -1.35 0.00	20.62 -0.66 0.00	21.33 -0.21 0.00	21.76 -0.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.35 1.14 0.00	16.92 0.98 0.00	16.05 0.90 0.00	16.41 0.81 0.00	17.92 0.74 0.00	20.30 0.84 0.00	20.57 0.90 0.00	22.43 1.14 0.00	30.99 1.33 0.00	22.72 0.91 0.00	19.82 0.75 0.00	21.71 0.71 0.00	19.70 0.71 0.00	18.85 0.74 0.00	18.11 0.75 0.00	18.98 0.89 0.00	20.36 0.90 0.00	26.47 1.13 0.00	29.21 1.34 0.00	22.66 1.09 0.00	29.26 1.30 0.00	22.08 0.79 0.00	22.32 0.78 0.00	22.70 0.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.46 1.25 0.00	17.05 1.11 0.00	16.19 1.03 0.00	16.55 0.95 0.00	18.03 0.84 0.00	20.43 0.97 0.00	20.76 1.09 0.00	22.62 1.33 0.00	31.22 1.57 0.00	22.94 1.13 0.00	20.03 0.97 0.00	21.93 0.93 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.99 0.00	19.23 1.15 0.00	20.61 1.15 0.00	26.70 1.36 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.46 1.50 0.00	22.18 0.90 0.00	22.40 0.86 0.00	22.74 0.86 0.00
W50THST__13_KV_LOAD 356117	19.55 1.34 0.00	17.13 1.19 0.00	16.27 1.12 0.00	16.64 1.05 0.00	18.12 0.94 0.00	20.55 1.09 0.00	20.89 1.22 0.00	22.77 1.48 0.00	31.44 1.79 0.00	23.12 1.30 0.00	20.19 1.12 0.00	22.10 1.11 0.00	20.10 1.11 0.00	19.24 1.13 0.00	18.49 1.13 0.00	19.39 1.30 0.00	20.78 1.32 0.00	26.91 1.57 0.00	29.62 1.76 0.00	22.98 1.42 0.00	29.66 1.69 0.00	22.32 1.04 0.00	22.54 1.00 0.00	22.88 1.00 0.00
WADING RIVER_IC_1 23522	19.79 1.58 0.00	17.36 1.42 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.22 0.00	20.81 1.14 0.00	22.71 1.42 0.00	31.42 1.76 0.00	22.70 0.89 0.00	20.04 0.97 0.00	21.62 0.62 0.00	19.51 0.52 0.00	18.66 0.56 0.00	18.39 0.57 -0.46	21.29 1.07 -2.13	20.38 0.93 0.00	26.47 1.13 0.00	28.83 0.97 0.00	22.44 0.88 0.00	28.99 1.02 0.00	21.97 0.69 0.00	22.53 0.99 0.00	22.80 0.92 0.00

WADING RIVER_IC_2 23547	19.79 1.58 0.00	17.36 1.42 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.22 0.00	20.81 1.14 0.00	22.71 1.42 0.00	31.42 1.76 0.00	22.70 0.89 0.00	20.04 0.97 0.00	21.62 0.62 0.00	19.51 0.52 0.00	18.66 0.56 0.00	18.39 0.57 -0.46	21.29 1.07 -2.13	20.38 0.93 0.00	26.47 1.13 0.00	28.83 0.97 0.00	22.44 0.88 0.00	28.99 1.02 0.00	21.97 0.69 0.00	22.53 0.99 0.00	22.80 0.92 0.00
WADING RIVER_IC_3 23601	19.79 1.58 0.00	17.36 1.42 0.00	16.43 1.28 0.00	16.71 1.12 0.00	18.26 1.08 0.00	20.68 1.22 0.00	20.81 1.14 0.00	22.71 1.42 0.00	31.42 1.76 0.00	22.70 0.89 0.00	20.04 0.97 0.00	21.62 0.62 0.00	19.51 0.52 0.00	18.66 0.56 0.00	18.39 0.57 -0.46	21.29 1.07 -2.13	20.38 0.93 0.00	26.47 1.13 0.00	28.83 0.97 0.00	22.44 0.88 0.00	28.99 1.02 0.00	21.97 0.69 0.00	22.53 0.99 0.00	22.80 0.92 0.00
WALDENNY_12_KV_BK2 80841	15.61 -0.90 1.70	15.14 -0.75 0.05	14.59 -0.57 0.00	14.98 -0.62 0.00	16.56 -0.62 0.00	18.89 -0.57 0.00	19.23 -0.45 0.00	20.92 -0.38 0.00	28.74 -0.92 0.00	21.40 -0.41 0.00	19.11 0.05 0.00	21.30 0.30 0.00	19.36 0.37 0.00	18.51 0.40 0.00	17.80 0.45 0.00	18.35 0.26 0.00	19.90 0.44 0.00	25.71 0.36 0.00	27.96 0.10 0.00	21.75 0.18 0.00	28.33 0.37 0.00	21.59 0.31 0.00	22.20 0.66 0.00	22.91 1.02 0.00
WALDEN___HYDRO 24148	19.33 1.12 0.00	16.91 0.96 0.00	16.04 0.89 0.00	16.41 0.81 0.00	17.92 0.74 0.00	20.32 0.87 0.00	20.61 0.94 0.00	22.46 1.17 0.00	31.05 1.39 0.00	22.72 0.91 0.00	19.80 0.74 0.00	21.70 0.70 0.00	19.71 0.71 0.00	18.84 0.73 0.00	18.09 0.73 0.00	18.98 0.89 0.00	20.32 0.87 0.00	26.49 1.15 0.00	29.23 1.37 0.00	22.70 1.14 0.00	29.35 1.38 0.00	22.16 0.88 0.00	22.38 0.84 0.00	22.73 0.85 0.00
WARRENSBURG____ 23737	18.68 0.47 0.00	16.30 0.36 0.00	15.50 0.35 0.00	15.96 0.37 0.00	17.40 0.22 0.00	19.81 0.35 0.00	20.10 0.43 0.00	21.89 0.60 0.00	30.45 0.80 0.00	22.26 0.45 0.00	19.29 0.23 0.00	21.41 0.23 -0.18	19.20 0.21 0.00	18.25 0.14 0.00	17.46 0.10 0.00	18.29 0.20 0.00	19.80 0.34 0.00	25.98 0.62 -0.03	28.59 0.72 0.00	22.15 0.58 0.00	28.58 0.62 0.00	21.73 0.45 0.00	21.81 0.27 0.00	22.00 0.12 0.00
WATERSIDE___6 8 9 23538	19.46 1.25 0.00	17.06 1.11 0.00	16.20 1.05 0.00	16.57 0.97 0.00	18.04 0.85 0.00	20.45 0.99 0.00	20.76 1.09 0.00	22.61 1.32 0.00	31.25 1.59 0.00	22.96 1.15 0.00	20.04 0.98 0.00	21.94 0.94 0.00	19.94 0.95 0.00	19.08 0.97 0.00	18.35 0.98 0.00	19.23 1.14 0.00	20.59 1.13 0.00	26.68 1.34 0.00	29.40 1.54 0.00	22.82 1.26 0.00	29.45 1.48 0.00	22.19 0.91 0.00	22.40 0.87 0.00	22.74 0.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.38 0.17 0.00	16.10 0.16 0.00	15.29 0.14 0.00	15.68 0.08 0.00	17.18 -0.01 0.00	19.47 0.01 0.00	19.75 0.08 0.00	21.44 0.15 0.00	29.76 0.10 0.00	21.78 -0.04 0.00	18.99 -0.08 0.00	20.91 -0.09 0.00	18.85 -0.14 0.00	17.98 -0.12 0.00	17.21 -0.15 0.00	17.95 -0.14 0.00	19.35 -0.11 0.00	25.26 -0.08 0.00	27.92 0.06 0.00	21.65 0.09 0.00	28.06 0.10 0.00	21.32 0.04 0.00	21.54 0.00 0.00	21.83 -0.05 0.00
WATSON___69_KV_BK 1 55734	19.90 1.69 0.00	17.43 1.49 0.00	16.46 1.31 0.00	16.77 1.17 0.00	18.32 1.14 0.00	20.75 1.29 0.00	20.91 1.24 0.00	22.85 1.56 0.00	31.59 1.94 0.00	23.05 1.23 0.00	20.33 1.27 0.00	21.96 0.97 0.00	19.89 0.90 0.00	19.03 0.92 0.00	18.92 0.93 -0.64	21.92 1.47 -2.36	20.77 1.31 0.00	26.79 1.44 0.00	29.37 1.51 0.00	22.86 1.30 0.00	29.51 1.55 0.00	22.32 1.04 0.00	22.77 1.23 0.00	23.13 1.25 0.00
WDELAWARE___HYD 323627	18.83 0.61 0.00	16.55 0.61 0.00	15.71 0.56 0.00	16.09 0.49 0.00	17.60 0.42 0.00	20.01 0.55 0.00	20.31 0.63 0.00	22.13 0.84 0.00	30.56 0.91 0.00	22.30 0.49 0.00	19.39 0.33 0.00	21.28 0.30 0.02	19.36 0.36 0.00	18.51 0.40 0.00	17.83 0.47 0.00	18.71 0.62 0.00	19.92 0.47 0.00	26.05 0.71 0.00	28.86 1.00 0.00	22.40 0.84 0.00	28.99 1.02 0.00	21.89 0.61 0.00	22.09 0.56 0.00	22.43 0.55 0.00
WEST BABYLON___IC 23714	19.85 1.64 0.00	17.37 1.43 0.00	16.41 1.26 0.00	16.73 1.13 0.00	18.27 1.09 0.00	20.69 1.23 0.00	20.86 1.19 0.00	22.79 1.50 0.00	31.53 1.87 0.00	23.02 1.20 0.00	20.29 1.22 0.00	21.92 0.93 0.00	19.89 0.89 0.00	19.03 0.92 0.00	19.23 0.92 -0.95	22.30 1.42 -2.80	20.75 1.30 0.00	26.74 1.40 0.00	29.34 1.48 0.00	22.84 1.27 0.00	29.49 1.53 0.00	22.30 1.02 0.00	22.72 1.19 0.00	23.08 1.20 0.00
WEST CANADA___HYD 24049	18.31 0.10 0.00	16.02 0.08 0.00	15.21 0.06 0.00	15.64 0.04 0.00	17.18 0.00 0.00	19.46 0.00 0.00	19.70 0.02 0.00	21.34 0.05 0.00	29.68 0.03 0.00	21.82 0.01 0.00	19.05 -0.01 0.00	20.97 -0.02 0.00	18.97 -0.02 0.00	18.10 -0.01 0.00	17.34 -0.02 0.00	18.09 0.00 0.00	19.46 0.00 0.00	25.34 0.00 0.00	27.89 0.03 0.00	21.61 0.05 0.00	28.00 0.04 0.00	21.28 0.00 0.00	21.53 -0.01 0.00	21.86 -0.02 0.00
WESTERN_NY_WIND 24143	15.30 -0.80 2.11	15.21 -0.67 0.06	14.68 -0.47 0.00	15.12 -0.48 0.00	16.75 -0.43 0.00	19.15 -0.30 0.00	19.52 -0.15 0.00	21.19 -0.10 0.00	29.14 -0.52 0.00	21.73 -0.08 0.00	19.41 0.34 0.00	21.62 0.62 0.00	19.65 0.65 0.00	18.74 0.63 0.00	18.01 0.65 0.00	18.57 0.48 0.00	20.10 0.64 0.00	26.02 0.68 0.00	28.35 0.49 0.00	22.07 0.51 0.00	28.76 0.79 0.00	21.92 0.64 0.00	22.44 0.91 0.00	23.06 1.18 0.00
WESTOVER___LESR 323668	18.74 0.53 0.00	16.37 0.43 0.00	15.58 0.43 0.00	15.91 0.31 0.00	17.47 0.29 0.00	19.85 0.39 0.00	20.11 0.44 0.00	21.96 0.67 0.00	30.21 0.56 0.00	22.20 0.39 0.00	19.54 0.47 0.00	21.60 0.60 0.00	19.59 0.60 0.00	18.69 0.58 0.00	17.97 0.62 0.00	18.50 0.42 0.00	19.88 0.42 0.00	25.81 0.47 0.00	28.36 0.50 0.00	22.03 0.47 0.00	28.55 0.58 0.00	21.68 0.40 0.00	22.05 0.52 0.00	22.49 0.61 0.00
WETHRSFD_WT_PWR 323626	16.22 -0.92 1.07	15.08 -0.83 0.03	14.51 -0.65 0.00	14.96 -0.64 0.00	16.45 -0.73 0.00	18.74 -0.72 0.00	19.14 -0.53 0.00	20.88 -0.42 0.00	28.71 -0.95 0.00	21.36 -0.45 0.00	19.01 -0.06 0.00	21.22 0.22 0.00	19.21 0.22 0.00	18.38 0.27 0.00	17.72 0.36 0.00	18.31 0.22 0.00	19.87 0.41 0.00	25.69 0.35 0.00	28.08 0.22 0.00	21.88 0.31 0.00	28.47 0.50 0.00	21.70 0.42 0.00	22.24 0.70 0.00	22.87 0.99 0.00
WHAVSTOR_138KV_BK127 55557	19.28 1.07 0.00	16.87 0.93 0.00	16.00 0.84 0.00	16.36 0.76 0.00	17.86 0.67 0.00	20.23 0.77 0.00	20.49 0.82 0.00	22.35 1.05 0.00	30.85 1.20 0.00	22.63 0.82 0.00	19.74 0.67 0.00	21.62 0.62 0.00	19.62 0.62 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.90 0.81 0.00	20.27 0.81 0.00	26.35 1.01 0.00	29.07 1.21 0.00	22.55 0.99 0.00	29.12 1.16 0.00	21.97 0.69 0.00	22.22 0.68 0.00	22.60 0.72 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.28 1.07 0.00	16.87 0.93 0.00	16.00 0.84 0.00	16.36 0.76 0.00	17.86 0.67 0.00	20.23 0.77 0.00	20.49 0.82 0.00	22.35 1.05 0.00	30.85 1.20 0.00	22.63 0.82 0.00	19.74 0.67 0.00	21.62 0.62 0.00	19.62 0.62 0.00	18.77 0.66 0.00	18.03 0.67 0.00	18.90 0.81 0.00	20.27 0.81 0.00	26.35 1.01 0.00	29.07 1.21 0.00	22.55 0.99 0.00	29.12 1.16 0.00	21.97 0.69 0.00	22.22 0.68 0.00	22.60 0.72 0.00
WHITEHAL_115KV_TB1 80871	18.92 0.71 0.00	16.36 0.42 0.00	15.59 0.43 0.00	16.19 0.59 0.00	17.52 0.34 0.00	20.23 0.77 0.00	20.50 0.83 0.00	22.47 1.18 0.00	31.13 1.47 0.00	22.74 0.93 0.00	19.64 0.57 0.00	21.74 0.54 -0.20	19.27 0.28 0.00	18.28 0.18 0.00	17.54 0.18 0.00	18.53 0.44 0.00	20.28 0.82 0.00	26.70 1.33 -0.03	29.29 1.43 0.00	22.67 1.11 0.00	28.98 1.01 0.00	22.17 0.89 0.00	22.11 0.57 0.00	22.07 0.19 0.00
WHITEPLN_13_KV_LOAD 356215	19.52 1.31 0.00	17.08 1.14 0.00	16.19 1.04 0.00	16.56 0.96 0.00	18.05 0.87 0.00	20.48 1.02 0.00	20.79 1.12 0.00	22.69 1.40 0.00	31.38 1.72 0.00	23.03 1.22 0.00	20.09 1.02 0.00	21.99 0.99 0.00	19.97 0.98 0.00	19.09 0.98 0.00	18.36 1.00 0.00	19.23 1.14 0.00	20.65 1.19 0.00	26.80 1.45 0.00	29.52 1.66 0.00	22.90 1.34 0.00	29.51 1.55 0.00	22.26 0.98 0.00	22.47 0.93 0.00	22.81 0.92 0.00
WM_FLOYD_69_KV_BK2 356380	19.87 1.66 0.00	17.42 1.48 0.00	16.47 1.31 0.00	16.76 1.17 0.00	18.31 1.13 0.00	20.75 1.29 0.00	20.89 1.22 0.00	22.81 1.52 0.00	31.52 1.86 0.00	22.88 1.07 0.00	20.19 1.12 0.00	21.78 0.79 0.00	19.66 0.67 0.00	18.81 0.70 0.00	18.54 0.70 -0.47	21.45 1.21 -2.15	20.55 1.09 0.00	26.66 1.32 0.00	29.10 1.24 0.00	22.66 1.09 0.00	29.25 1.29 0.00	22.15 0.87 0.00	22.67 1.13 0.00	22.99 1.11 0.00
WOODARD__115KV_TB2 355635	18.11 -0.10 0.00	15.83 -0.11 0.00	15.05 -0.10 0.00	15.46 -0.14 0.00	17.01 -0.18 0.00	19.30 -0.16 0.00	19.57 -0.10 0.00	21.23 -0.06 0.00	29.49 -0.17 0.00	21.73 -0.08 0.00	19.04 -0.02 0.00	21.01 0.01 0.00	19.01 0.02 0.00	18.13 0.03 0.00	17.38 0.02 0.00	18.09 0.00 0.00	19.47 0.01 0.00	25.35 0.01 0.00	27.88 0.02 0.00	21.64 0.08 0.00	28.06 0.09 0.00	21.32 0.04 0.00	21.59 0.05 0.00	21.95 0.07 0.00
YORK___WARBASSE 23770	19.54 1.33 0.00	17.12 1.18 0.00	16.25 1.10 0.00	16.63 1.03 0.00	18.11 0.93 0.00	20.54 1.08 0.00	20.85 1.18 0.00	22.69 1.40 0.00	31.32 1.66 0.00	23.01 1.20 0.00	20.07 1.00 0.00	21.97 0.97 0.00	19.97 0.98 0.00	19.11 1.00 0.00	18.38 1.02 0.00	19.27 1.18 0.00	20.63 1.17 0.00	26.74 1.40 0.00	29.48 1.62 0.00	22.90 1.34 0.00	29.57 1.60 0.00	22.28 1.00 0.00	22.50 0.96 0.00	22.84 0.96 0.00