

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		03/16/2024																													
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
59TH STREET_GT_1 24138	EDT	20.83	19.76	17.94	17.95	18.46	20.57	22.00	25.06	24.83	21.69	20.33	19.19	18.67	17.42	17.39	17.88	18.73	23.63	26.88	30.53	28.09	24.48	21.72	19.86						
		0.65	0.56	0.44	0.45	0.47	0.60	0.70	1.05	1.09	0.91	0.91	0.88	1.04	0.92	0.92	0.92	0.91	1.40	1.57	1.97	1.81	1.43	1.27	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 24260	EDT	20.87	19.80	18.00	17.98	18.49	20.61	22.15	25.20	24.99	21.86	20.49	19.34	18.73	17.55	17.52	17.98	18.89	23.63	26.91	30.56	28.09	24.50	21.76	19.94						
		0.69	0.60	0.49	0.49	0.50	0.64	0.85	1.20	1.26	1.08	1.07	1.03	1.09	1.06	1.05	1.02	1.07	1.40	1.59	2.00	1.81	1.45	1.31	1.08						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 24261	EDT	20.87	19.80	18.00	17.98	18.49	20.61	22.15	25.20	24.99	21.86	20.49	19.34	18.73	17.55	17.52	17.98	18.89	23.63	26.91	30.56	28.09	24.50	21.76	19.94						
		0.69	0.60	0.49	0.49	0.50	0.64	0.85	1.20	1.26	1.08	1.07	1.03	1.09	1.06	1.05	1.02	1.07	1.40	1.59	2.00	1.81	1.45	1.31	1.08						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 24011	EDT	20.83	19.80	18.07	18.02	18.55	20.63	22.08	24.94	24.66	21.46	20.00	18.84	18.07	16.87	16.84	17.34	18.28	23.00	26.23	29.73	27.41	23.99	21.19	19.56						
		0.65	0.60	0.56	0.52	0.56	0.66	0.79	0.94	0.93	0.69	0.58	0.53	0.44	0.38	0.38	0.37	0.46	0.78	0.91	1.17	1.13	0.95	0.74	0.70						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EDT	20.89	19.86	18.12	18.05	18.60	20.69	22.08	24.94	24.66	21.48	19.94	18.81	18.07	16.86	16.81	17.32	18.25	23.05	26.28	29.79	27.49	24.06	21.23	19.58						
		0.71	0.65	0.61	0.56	0.61	0.72	0.79	0.94	0.92	0.71	0.52	0.49	0.44	0.36	0.35	0.36	0.43	0.82	0.96	1.23	1.21	1.01	0.78	0.72						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EDT	20.83	19.80	18.07	18.02	18.55	20.63	22.08	24.94	24.66	21.46	20.00	18.84	18.07	16.87	16.84	17.34	18.28	23.00	26.23	29.73	27.41	23.99	21.19	19.56						
		0.65	0.60	0.56	0.52	0.56	0.66	0.79	0.94	0.93	0.69	0.58	0.53	0.44	0.38	0.38	0.37	0.46	0.78	0.91	1.17	1.13	0.95	0.74	0.70						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EDT	20.39	19.45	17.72	17.72	18.19	20.23	21.59	24.38	24.21	21.07	19.65	18.62	18.00	16.89	16.86	17.37	18.23	22.94	26.07	29.50	27.20	23.72	21.02	19.39						
		0.20	0.25	0.21	0.23	0.20	0.26	0.30	0.38	0.47	0.29	0.23	0.31	0.37	0.40	0.39	0.41	0.41	0.71	0.76	0.94	0.92	0.67	0.57	0.53						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EDT	20.57	19.57	17.84	17.82	18.31	20.37	21.76	24.58	24.33	21.26	19.85	18.77	18.06	16.92	16.89	17.40	18.28	22.85	26.02	29.42	27.12	23.72	21.05	19.43						
		0.38	0.36	0.33	0.33	0.32	0.40	0.47	0.58	0.59	0.48	0.43	0.46	0.42	0.43	0.43	0.44	0.46	0.62	0.71	0.86	0.84	0.67	0.59	0.57						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EDT	20.07	19.15	17.42	17.44	17.94	19.91	21.25	23.93	23.71	20.74	19.36	18.20	17.47	16.35	16.35	16.84	17.69	22.16	25.29	28.53	26.15	22.91	20.27	18.67						
		-0.12	-0.06	-0.09	-0.05	-0.05	-0.06	-0.04	-0.07	-0.02	-0.04	-0.06	-0.11	-0.16	-0.15	-0.12	-0.12	-0.12	-0.07	-0.03	-0.03	-0.13	-0.14	-0.18	-0.19						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 323833	EDT	20.77	19.76	18.03	18.02	18.51	20.59	21.93	24.72	24.45	21.32	19.87	18.75	18.07	16.91	16.88	17.39	18.28	22.94	26.12	29.56	27.28	23.88	21.17	19.54						
		0.59	0.56	0.52	0.52	0.52	0.62	0.64	0.72	0.71	0.54	0.45	0.44	0.44	0.41	0.41	0.42	0.46	0.71	0.81	1.00	1.00	0.83	0.72	0.68						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EDT	20.77	19.76	18.03	18.02	18.51	20.57	21.91	24.72	24.45	21.32	19.87	18.75	18.07	16.91	16.86	17.39	18.28	22.94	26.12	29.56	27.25	23.88	21.17	19.52						
		0.59	0.56	0.52	0.52	0.52	0.60	0.62	0.72	0.71	0.54	0.45	0.44	0.44	0.41	0.39	0.42	0.46	0.71	0.81	1.00	0.97	0.83	0.72	0.66						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571	EDT	20.57	19.57	17.84	17.82	18.31	20.37	21.76	24.58	24.33	21.26	19.85	18.77	18.06	16.92	16.89	17.40	18.28	22.85	26.02	29.42	27.12	23.72	21.05	19.43						
		0.38	0.36	0.33	0.33	0.32	0.40	0.47	0.58	0.59	0.48	0.43	0.46	0.42	0.43	0.43	0.44	0.46	0.62	0.71	0.86	0.84	0.67	0.59	0.57						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.76 0.47 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.77 0.46 0.00	18.06 0.42 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
ALBANY___3 23573	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.76 0.47 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.77 0.46 0.00	18.06 0.42 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
ALBANY___4 23574	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.76 0.47 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.77 0.46 0.00	18.06 0.42 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
ALBANY___LFGE 323615	20.69 0.50 0.00	19.70 0.50 0.00	17.96 0.45 0.00	17.95 0.45 0.00	18.44 0.45 0.00	20.49 0.52 0.00	21.85 0.55 0.00	24.65 0.65 0.00	24.43 0.69 0.00	21.30 0.52 0.00	19.87 0.45 0.00	18.79 0.48 0.00	18.13 0.49 0.00	16.96 0.46 0.00	16.93 0.46 0.00	17.44 0.47 0.00	18.32 0.50 0.00	22.98 0.76 0.00	26.15 0.83 0.00	29.59 1.03 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.15 0.70 0.00	19.50 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	20.09 -0.10 0.00	19.18 -0.02 0.00	17.45 -0.05 0.00	17.47 -0.02 0.00	17.97 -0.02 0.00	19.95 -0.02 0.00	21.29 0.00 0.00	23.98 -0.02 0.00	23.78 0.05 0.00	20.76 -0.02 0.00	19.38 -0.04 0.00	18.20 -0.11 0.00	17.47 -0.16 0.00	16.35 -0.15 0.00	16.35 -0.12 0.00	16.84 -0.12 0.00	17.69 -0.12 0.00	22.18 -0.04 0.00	25.34 0.03 0.00	28.59 0.03 0.00	26.17 -0.11 0.00	22.93 -0.12 0.00	20.29 -0.16 0.00	18.67 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	20.09 -0.10 0.00	19.18 -0.02 0.00	17.45 -0.05 0.00	17.47 -0.02 0.00	17.97 -0.02 0.00	19.95 -0.02 0.00	21.29 0.00 0.00	23.98 -0.02 0.00	23.78 0.05 0.00	20.76 -0.02 0.00	19.38 -0.04 0.00	18.20 -0.11 0.00	17.47 -0.16 0.00	16.35 -0.15 0.00	16.35 -0.12 0.00	16.84 -0.12 0.00	17.69 -0.12 0.00	22.18 -0.04 0.00	25.34 0.03 0.00	28.59 0.03 0.00	26.17 -0.11 0.00	22.93 -0.12 0.00	20.29 -0.16 0.00	18.67 -0.19 0.00
ALCOA___DSASP 323711	20.09 -0.10 0.00	19.18 -0.02 0.00	17.45 -0.05 0.00	17.47 -0.02 0.00	17.97 -0.02 0.00	19.95 -0.02 0.00	21.25 -0.04 0.00	23.95 -0.05 0.00	23.76 0.02 0.00	20.76 -0.02 0.00	19.38 -0.04 0.00	18.20 -0.11 0.00	17.47 -0.16 0.00	16.33 -0.16 0.00	16.35 -0.11 0.00	16.85 -0.12 0.00	17.69 -0.12 0.00	22.18 -0.04 0.00	25.34 0.03 0.00	28.56 0.00 0.00	26.17 -0.10 0.00	22.93 -0.11 0.00	20.29 -0.16 0.00	18.67 -0.19 0.00
ALLEGHENY___COGEN 23514	21.05 0.87 0.00	19.93 0.73 0.00	18.23 0.72 0.00	18.14 0.65 0.00	18.78 0.79 0.00	20.79 0.82 0.00	22.17 0.87 0.00	24.58 0.58 0.00	23.95 0.21 0.00	21.11 0.33 0.00	19.65 0.23 0.00	18.50 0.18 0.00	17.56 -0.07 0.00	16.35 -0.15 0.00	16.25 -0.21 0.00	16.74 -0.22 0.00	17.69 -0.12 0.00	21.89 -0.33 0.00	25.24 -0.08 0.00	28.39 -0.17 0.00	26.25 -0.03 0.00	23.28 0.23 0.00	20.62 0.16 0.00	19.05 0.19 0.00
ALTAMONT_115KV_TB 2 55880	20.47 0.28 0.00	19.47 0.27 0.00	17.75 0.25 0.00	17.74 0.24 0.00	18.24 0.25 0.00	20.27 0.30 0.00	21.66 0.36 0.00	24.46 0.46 0.00	24.21 0.47 0.00	21.15 0.37 0.00	19.77 0.35 0.00	18.68 0.37 0.00	17.98 0.35 0.00	16.84 0.35 0.00	16.81 0.35 0.00	17.32 0.36 0.00	18.19 0.37 0.00	22.74 0.51 0.00	25.90 0.58 0.00	29.28 0.71 0.00	26.96 0.68 0.00	23.60 0.55 0.00	20.94 0.49 0.00	19.32 0.45 0.00
ALTONA_WT_PWR 323606	20.37 0.18 0.00	19.44 0.23 0.00	17.68 0.18 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.19 0.22 0.00	21.53 0.23 0.00	24.27 0.26 0.00	24.07 0.33 0.00	21.07 0.29 0.00	19.67 0.25 0.00	18.44 0.13 0.00	17.67 0.04 0.00	16.51 0.02 0.00	16.53 0.07 0.00	17.03 0.07 0.00	17.94 0.13 0.00	22.54 0.31 0.00	25.74 0.43 0.00	29.05 0.49 0.00	26.54 0.26 0.00	23.21 0.16 0.00	20.49 0.04 0.00	18.82 -0.04 0.00
AMERICAN_REF_FUEL 24010	19.14 -1.05 0.00	18.09 -1.11 0.00	16.61 -0.89 0.00	16.49 -1.00 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.74 -1.55 0.00	21.19 -2.81 0.00	20.77 -2.97 0.00	18.66 -2.12 0.00	17.67 -1.75 0.00	16.77 -1.54 0.00	15.78 -1.85 0.00	14.88 -1.62 0.00	14.72 -1.75 0.00	15.28 -1.68 0.00	16.09 -1.73 0.00	19.20 -3.02 0.00	21.82 -3.49 0.00	24.17 -4.40 0.00	22.15 -4.13 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.27 0.08 0.00	19.15 -0.06 0.00	17.59 0.09 0.00	17.51 0.02 0.00	17.99 0.00 0.00	19.81 -0.16 0.00	21.02 -0.28 0.00	22.61 -1.39 0.00	22.10 -1.64 0.00	19.80 -0.98 0.00	18.68 -0.74 0.00	17.58 -0.73 0.00	16.52 -1.11 0.00	15.46 -1.04 0.00	15.25 -1.22 0.00	15.79 -1.17 0.00	16.68 -1.14 0.00	20.03 -2.20 0.00	22.81 -2.51 0.00	25.28 -3.28 0.00	23.12 -3.15 0.00	20.86 -2.19 0.00	18.76 -1.70 0.00	17.62 -1.25 0.00
ARTHUR KILL_GT_1 23520	21.05 0.87 0.00	19.93 0.73 0.00	18.08 0.58 0.00	18.05 0.56 0.00	18.60 0.61 0.00	20.65 0.68 0.00	22.00 0.70 0.00	24.99 0.98 0.00	24.71 0.97 0.00	21.55 0.77 0.00	20.22 0.80 0.00	19.08 0.77 0.00	18.65 1.02 0.00	17.34 0.84 0.00	17.34 0.87 0.00	17.85 0.88 0.00	18.67 0.86 0.00	23.65 1.42 0.00	26.96 1.64 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.84 1.39 0.00	20.01 1.15 0.00
ARTHUR_KILL_2 23512	21.00 0.81 0.00	19.88 0.67 0.00	18.03 0.52 0.00	18.00 0.51 0.00	18.55 0.56 0.00	20.59 0.62 0.00	21.93 0.64 0.00	24.94 0.94 0.00	24.66 0.92 0.00	21.50 0.73 0.00	20.18 0.76 0.00	19.05 0.73 0.00	18.60 0.97 0.00	17.30 0.81 0.00	17.30 0.84 0.00	17.79 0.83 0.00	18.62 0.80 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.59 2.03 0.00	28.12 1.84 0.00	24.48 1.43 0.00	21.78 1.33 0.00	19.96 1.09 0.00
ARTHUR_KILL_3 23513	20.63 0.44 0.00	19.57 0.36 0.00	17.79 0.28 0.00	17.77 0.28 0.00	18.28 0.29 0.00	20.37 0.40 0.00	21.80 0.51 0.00	24.84 0.84 0.00	24.64 0.90 0.00	21.50 0.73 0.00	20.16 0.74 0.00	19.05 0.73 0.00	18.53 0.90 0.00	17.30 0.81 0.00	17.27 0.81 0.00	17.76 0.80 0.00	18.58 0.77 0.00	23.45 1.22 0.00	26.66 1.34 0.00	30.28 1.71 0.00	27.86 1.58 0.00	24.27 1.22 0.00	21.56 1.10 0.00	19.69 0.83 0.00

ARTHUR_KILL_COGEN 323718	21.05 0.87 0.00	19.93 0.73 0.00	18.08 0.58 0.00	18.05 0.56 0.00	18.60 0.61 0.00	20.65 0.68 0.00	22.00 0.70 0.00	24.99 0.98 0.00	24.71 0.97 0.00	21.55 0.77 0.00	20.22 0.80 0.00	19.08 0.77 0.00	18.65 1.02 0.00	17.34 0.84 0.00	17.34 0.87 0.00	17.85 0.88 0.00	18.67 0.86 0.00	23.65 1.42 0.00	26.96 1.64 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.84 1.39 0.00	20.01 1.15 0.00
ASHOKAN____ 23654	20.55 0.36 0.00	19.53 0.33 0.00	17.77 0.26 0.00	17.79 0.30 0.00	18.26 0.27 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.46 0.45 0.00	24.26 0.52 0.00	21.09 0.31 0.00	19.48 0.06 0.00	18.35 0.04 0.00	17.70 0.07 0.00	16.54 0.05 0.00	16.53 0.07 0.00	17.01 0.05 0.00	17.93 0.11 0.00	22.63 0.40 0.00	25.95 0.63 0.00	29.48 0.91 0.00	27.20 0.92 0.00	23.76 0.72 0.00	21.07 0.61 0.00	19.37 0.51 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.45 0.48 0.00	21.83 0.53 0.00	24.86 0.86 0.00	24.63 0.90 0.01	21.50 0.73 0.01	20.18 0.76 0.00	19.04 0.73 0.01	18.57 0.93 0.00	17.29 0.79 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.58 0.77 0.00	23.56 1.33 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.94 1.66 0.00	24.29 1.24 0.01	21.66 1.21 0.00	19.86 1.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.45 0.48 0.00	21.83 0.53 0.00	24.86 0.86 0.00	24.63 0.90 0.01	21.50 0.73 0.01	20.18 0.76 0.00	19.04 0.73 0.01	18.57 0.93 0.00	17.29 0.79 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.58 0.77 0.00	23.56 1.33 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.94 1.66 0.00	24.29 1.24 0.01	21.66 1.21 0.00	19.86 1.00 0.00
ASTORIA_GT2_1 24094	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT2_2 24095	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT2_3 24096	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT2_4 24097	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT3_1 24098	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT3_2 24099	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT3_3 24100	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT3_4 24101	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT4_1 24102	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT4_2 24103	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT4_3 24104	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00

ASTORIA_GT4_4 24105	20.83 0.65 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.67 0.89 0.00	20.33 0.91 0.00	19.17 0.86 0.00	18.62 0.99 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.86 0.90 0.00	18.75 0.93 0.00	23.52 1.29 0.00	26.76 1.44 0.00	30.42 1.86 0.00	27.93 1.66 0.00	24.32 1.27 0.00	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA_GT_1 23523	20.85 0.67 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.49 0.52 0.00	21.87 0.58 0.00	24.91 0.91 0.00	24.68 0.95 0.01	21.54 0.77 0.01	20.22 0.80 0.00	19.07 0.77 0.01	18.60 0.97 0.00	17.32 0.82 0.00	17.32 0.86 0.00	17.79 0.83 0.00	18.62 0.80 0.00	23.60 1.38 0.00	26.81 1.49 0.00	30.45 1.88 0.00	27.99 1.71 0.00	24.33 1.29 0.01	21.70 1.25 0.00	19.90 1.04 0.00
ASTORIA_GT_10 24110	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
ASTORIA_GT_11 24225	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
ASTORIA_GT_12 24226	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
ASTORIA_GT_13 24227	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
ASTORIA_GT_5 24106	20.85 0.67 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.49 0.52 0.00	21.98 0.68 0.00	25.01 1.01 0.00	24.80 1.07 0.00	21.69 0.91 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.90 0.93 0.00	18.76 0.94 0.00	23.56 1.33 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.96 1.68 0.00	24.34 1.29 0.00	21.70 1.25 0.00	19.90 1.04 0.00
ASTORIA_GT_7 24107	20.85 0.67 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.49 0.52 0.00	21.98 0.68 0.00	25.01 1.01 0.00	24.80 1.07 0.00	21.69 0.91 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.90 0.93 0.00	18.76 0.94 0.00	23.56 1.33 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.96 1.68 0.00	24.34 1.29 0.00	21.70 1.25 0.00	19.90 1.04 0.00
ASTORIA_GT_8 24108	20.85 0.67 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.49 0.52 0.00	21.98 0.68 0.00	25.01 1.01 0.00	24.80 1.07 0.00	21.69 0.91 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.90 0.93 0.00	18.76 0.94 0.00	23.56 1.33 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.96 1.68 0.00	24.34 1.29 0.00	21.70 1.25 0.00	19.90 1.04 0.00
ASTORIA___2 24149	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.86 0.86 0.00	24.63 0.90 0.01	21.52 0.75 0.01	20.18 0.76 0.00	19.04 0.73 0.01	18.57 0.93 0.00	17.29 0.79 0.00	17.29 0.82 0.00	17.78 0.81 0.00	18.60 0.78 0.00	23.56 1.33 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.94 1.66 0.00	24.29 1.24 0.01	21.68 1.23 0.00	19.88 1.02 0.00
ASTORIA___3 23516	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.90 1.04 0.00
ASTORIA___4 23517	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.55 0.58 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
ASTORIA___5 23518	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.90 1.04 0.00
AST_ENERGY_2_CC3 323677	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	21.93 0.64 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.61 0.83 0.00	20.25 0.83 0.00	19.14 0.82 0.00	18.60 0.97 0.00	17.37 0.87 0.00	17.34 0.87 0.00	17.83 0.86 0.00	18.67 0.86 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.81 0.94 0.00
AST_ENERGY_2_CC4 323678	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	21.93 0.64 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.61 0.83 0.00	20.25 0.83 0.00	19.14 0.82 0.00	18.60 0.97 0.00	17.37 0.87 0.00	17.34 0.87 0.00	17.83 0.86 0.00	18.67 0.86 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.81 0.94 0.00

ATHENS_STG_1 23668	20.43 0.24 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.17 0.18 0.00	20.21 0.24 0.00	21.57 0.28 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.77 0.35 0.00	18.66 0.35 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.35 0.39 0.00	18.21 0.39 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.35 0.49 0.00
ATHENS_STG_2 23670	20.43 0.24 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.17 0.18 0.00	20.21 0.24 0.00	21.57 0.28 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.77 0.35 0.00	18.66 0.35 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.35 0.39 0.00	18.21 0.39 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.35 0.49 0.00
ATHENS_STG_3 23677	20.43 0.24 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.17 0.18 0.00	20.21 0.24 0.00	21.57 0.28 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.77 0.35 0.00	18.66 0.35 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.35 0.39 0.00	18.21 0.39 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.35 0.49 0.00
AUBURN___LFGE 323710	20.41 0.22 0.00	19.38 0.17 0.00	17.68 0.18 0.00	17.65 0.16 0.00	18.19 0.20 0.00	20.19 0.22 0.00	21.51 0.21 0.00	24.22 0.22 0.00	23.88 0.14 0.00	20.94 0.17 0.00	19.54 0.12 0.00	18.39 0.07 0.00	17.70 0.07 0.00	16.51 0.02 0.00	16.47 0.00 0.00	17.00 0.03 0.00	17.89 0.07 0.00	22.23 0.00 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	23.07 0.02 0.00	20.45 0.00 0.00	18.90 0.04 0.00
BABYLON_RES_REC 323704	20.97 0.79 0.00	19.99 0.79 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.10 0.81 0.00	25.32 1.32 0.00	24.99 1.26 0.00	21.92 1.14 0.00	20.51 1.09 0.00	19.25 0.93 0.00	18.58 0.95 0.00	17.45 0.96 0.00	17.39 0.92 0.00	17.83 0.86 0.00	18.73 0.91 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.62 2.06 0.00	28.35 2.08 0.00	26.14 1.82 -1.27	22.69 1.62 -0.62	20.18 1.32 0.00
BABYLON__69_KV_BK2 356345	21.14 0.95 0.00	20.16 0.96 0.00	18.26 0.75 0.00	18.21 0.72 0.00	18.73 0.74 0.00	20.83 0.86 0.00	22.49 1.19 0.00	25.71 1.70 0.00	25.49 1.76 0.00	22.29 1.52 0.00	20.92 1.50 0.00	19.58 1.26 0.00	18.81 1.18 0.00	17.73 1.24 0.00	17.63 1.17 0.00	18.08 1.12 0.00	19.05 1.23 0.00	23.85 1.62 0.00	27.34 2.03 0.00	30.93 2.37 0.00	28.59 2.31 0.00	26.40 2.07 -1.27	22.91 1.84 -0.62	20.43 1.57 0.00
BALL_HILL_WT_PWR 323825	19.99 -0.20 0.00	18.88 -0.33 0.00	17.33 -0.18 0.00	17.25 -0.24 0.00	17.74 -0.25 0.00	19.53 -0.44 0.00	20.72 -0.57 0.00	22.37 -1.63 0.00	21.93 -1.80 0.00	19.63 -1.14 0.00	18.55 -0.87 0.00	17.54 -0.77 0.00	16.56 -1.08 0.00	15.55 -0.94 0.00	15.38 -1.09 0.00	15.91 -1.05 0.00	16.80 -1.01 0.00	20.16 -2.07 0.00	22.96 -2.35 0.00	25.45 -3.11 0.00	23.31 -2.97 0.00	21.04 -2.01 0.00	18.90 -1.56 0.00	17.73 -1.13 0.00
BARON_WINDS___WT_PWR 323822	20.83 0.65 0.00	19.74 0.54 0.00	18.03 0.52 0.00	18.00 0.51 0.00	18.57 0.58 0.00	20.57 0.60 0.00	22.02 0.72 0.00	24.60 0.60 0.00	24.11 0.38 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.70 0.39 0.00	17.84 0.21 0.00	16.63 0.13 0.00	16.51 0.05 0.00	17.00 0.03 0.00	17.96 0.14 0.00	22.14 -0.09 0.00	25.34 0.03 0.00	28.42 -0.14 0.00	26.12 -0.16 0.00	23.12 0.07 0.00	20.51 0.06 0.00	18.92 0.06 0.00
BARRETT_IC_1 23704	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_10 23701	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_11 23702	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_12 23703	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_2 23705	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_3 23706	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_4 23707	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00

BARRETT_IC_5 23708	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_6 23709	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_7 23710	20.87 0.69 0.00	19.88 0.67 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.17 0.87 0.00	25.27 1.27 0.00	25.07 1.33 0.00	21.92 1.14 0.00	20.53 1.11 0.00	19.28 0.97 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.54 1.31 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.04 1.76 0.00	25.89 1.57 -1.27	22.51 1.43 -0.62	20.05 1.19 0.00
BARRETT_IC_8 23711	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT_IC_9 23700	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT___1 23545	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BARRETT___2 23546	20.87 0.69 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.37 0.95 0.00	19.14 0.82 0.00	18.53 0.90 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.07 1.79 0.00	25.89 1.57 -1.27	22.50 1.43 -0.62	20.01 1.15 0.00
BATAVIA___115KV_TB1 55881	19.88 -0.30 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.49 -0.48 0.00	20.68 -0.62 0.00	22.68 -1.32 0.00	22.22 -1.52 0.00	19.70 -1.08 0.00	18.49 -0.93 0.00	17.43 -0.88 0.00	16.73 -0.90 0.00	15.46 -1.04 0.00	15.30 -1.17 0.00	15.95 -1.02 0.00	16.73 -1.09 0.00	20.43 -1.80 0.00	23.01 -2.30 0.00	25.59 -2.97 0.00	23.55 -2.73 0.00	21.14 -1.91 0.00	18.92 -1.53 0.00	17.81 -1.06 0.00
BAYONEEC___CTG1 323682	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG10 323750	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG2 323683	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG3 323684	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG4 323685	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG5 323686	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG6 323687	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00

BAYONEEC___CTG7 323688	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG8 323689	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BAYONEEC___CTG9 323749	20.75 0.56 0.00	19.68 0.48 0.00	17.88 0.37 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
BEACON___LESR 323632	20.77 0.59 0.00	19.78 0.58 0.00	18.03 0.52 0.00	18.02 0.52 0.00	18.49 0.50 0.00	20.57 0.60 0.00	21.93 0.64 0.00	24.77 0.77 0.00	24.54 0.81 0.00	21.42 0.64 0.00	19.96 0.54 0.00	18.86 0.55 0.00	18.20 0.56 0.00	17.01 0.51 0.00	16.96 0.49 0.00	17.47 0.51 0.00	18.37 0.55 0.00	23.07 0.84 0.00	26.25 0.94 0.00	29.71 1.14 0.00	27.41 1.13 0.00	23.97 0.92 0.00	21.25 0.80 0.00	19.60 0.73 0.00
BEAVER RIVER___HYD 24048	19.92 -0.26 0.00	18.95 -0.25 0.00	17.28 -0.23 0.00	17.26 -0.23 0.00	17.77 -0.22 0.00	19.73 -0.24 0.00	21.04 -0.25 0.00	23.71 -0.29 0.00	23.40 -0.33 0.00	20.42 -0.35 0.00	18.99 -0.43 0.00	17.64 -0.68 0.00	16.91 -0.72 0.00	15.74 -0.76 0.00	15.69 -0.77 0.00	16.20 -0.76 0.00	17.07 -0.75 0.00	21.49 -0.73 0.00	24.66 -0.66 0.00	27.76 -0.80 0.00	25.60 -0.68 0.00	22.43 -0.62 0.00	19.82 -0.63 0.00	18.22 -0.64 0.00
BEEBEE_GT_13 23619	19.84 -0.34 0.00	18.80 -0.40 0.00	17.21 -0.30 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.53 -0.44 0.00	20.72 -0.57 0.00	22.99 -1.01 0.00	22.60 -1.14 0.00	19.95 -0.83 0.00	18.70 -0.72 0.00	17.65 -0.66 0.00	16.98 -0.65 0.00	15.77 -0.73 0.00	15.66 -0.81 0.00	16.25 -0.71 0.00	17.03 -0.78 0.00	20.96 -1.27 0.00	23.69 -1.62 0.00	26.48 -2.09 0.00	24.36 -1.92 0.00	21.71 -1.34 0.00	19.35 -1.10 0.00	18.05 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.02 0.83 0.00	19.90 0.69 0.00	18.07 0.56 0.00	18.03 0.54 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.17 0.87 0.00	25.23 1.22 0.00	25.02 1.28 0.00	21.88 1.10 0.00	20.53 1.11 0.00	19.37 1.06 0.00	18.81 1.18 0.00	17.62 1.12 0.00	17.58 1.12 0.00	18.05 1.09 0.00	18.92 1.10 0.00	23.74 1.51 0.00	27.09 1.77 0.00	30.79 2.23 0.00	28.30 2.02 0.00	24.62 1.57 0.00	21.88 1.43 0.00	20.05 1.19 0.00
BETHLEHEM___GRP 23843	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.76 0.47 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.77 0.46 0.00	18.06 0.42 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
BETHLEHEM___GS1 323560	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.68 0.37 0.00	18.04 0.41 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.35 0.39 0.00	18.23 0.41 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.39 0.53 0.00
BETHLEHEM___GS2 323561	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.68 0.37 0.00	18.04 0.41 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.35 0.39 0.00	18.23 0.41 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.39 0.53 0.00
BETHLEHEM___GS3 323562	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.68 0.37 0.00	18.04 0.41 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.35 0.39 0.00	18.23 0.41 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.39 0.53 0.00
BETHLEHEM___STEEL 23779	19.90 -0.28 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.16 -0.33 0.00	17.65 -0.34 0.00	19.45 -0.52 0.00	20.66 -0.64 0.00	22.54 -1.46 0.00	22.10 -1.64 0.00	19.61 -1.16 0.00	18.41 -1.01 0.00	17.38 -0.93 0.00	16.72 -0.92 0.00	15.46 -1.04 0.00	15.25 -1.22 0.00	15.91 -1.05 0.00	16.70 -1.12 0.00	20.25 -1.98 0.00	22.78 -2.53 0.00	25.25 -3.31 0.00	23.15 -3.13 0.00	20.88 -2.17 0.00	18.78 -1.68 0.00	17.73 -1.13 0.00
BETHLHEM_115KV_TB1 79974	20.55 0.36 0.00	19.55 0.35 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.74 0.45 0.00	24.55 0.55 0.00	24.31 0.57 0.00	21.23 0.46 0.00	19.85 0.43 0.00	18.75 0.44 0.00	18.06 0.42 0.00	16.91 0.41 0.00	16.89 0.43 0.00	17.39 0.42 0.00	18.26 0.45 0.00	22.83 0.60 0.00	26.00 0.68 0.00	29.39 0.83 0.00	27.09 0.81 0.00	23.69 0.65 0.00	21.05 0.59 0.00	19.41 0.55 0.00
BETHPAGE_CC_5 323564	21.00 0.81 0.00	19.99 0.79 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.30 1.30 0.00	25.02 1.28 0.00	21.92 1.14 0.00	20.51 1.09 0.00	19.26 0.95 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.39 0.92 0.00	17.85 0.88 0.00	18.73 0.91 0.00	23.65 1.42 0.00	27.04 1.72 0.00	30.56 2.00 0.00	28.28 2.00 0.00	26.07 1.75 -1.27	22.63 1.55 -0.62	20.13 1.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.99 -0.20 0.00	18.86 -0.35 0.00	17.30 -0.21 0.00	17.23 -0.26 0.00	17.72 -0.27 0.00	19.53 -0.44 0.00	20.76 -0.53 0.00	22.63 -1.37 0.00	22.19 -1.54 0.00	19.70 -1.08 0.00	18.51 -0.91 0.00	17.45 -0.86 0.00	16.79 -0.85 0.00	15.52 -0.97 0.00	15.31 -1.15 0.00	15.98 -0.98 0.00	16.77 -1.05 0.00	20.36 -1.87 0.00	22.91 -2.40 0.00	25.39 -3.17 0.00	23.28 -3.00 0.00	21.00 -2.05 0.00	18.86 -1.60 0.00	17.81 -1.06 0.00

BINGHAMTON___COGEN 23790	20.47 0.28 0.00	19.42 0.21 0.00	17.72 0.21 0.00	17.68 0.19 0.00	18.21 0.22 0.00	20.19 0.22 0.00	21.55 0.26 0.00	24.22 0.22 0.00	23.85 0.12 0.00	20.94 0.17 0.00	19.58 0.16 0.00	18.44 0.13 0.00	17.74 0.11 0.00	16.56 0.07 0.00	16.48 0.02 0.00	17.01 0.05 0.00	17.89 0.07 0.00	22.20 -0.02 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.51 0.06 0.00	18.98 0.11 0.00
BIXINCNT_115KV_LOAD 355685	20.17 -0.02 0.00	18.94 -0.27 0.00	17.38 -0.12 0.00	17.33 -0.16 0.00	17.83 -0.16 0.00	19.57 -0.40 0.00	20.95 -0.34 0.00	22.87 -1.13 0.00	22.50 -1.23 0.00	19.93 -0.85 0.00	18.72 -0.70 0.00	17.60 -0.71 0.00	16.91 -0.72 0.00	15.60 -0.89 0.00	15.33 -1.14 0.00	16.05 -0.92 0.00	16.89 -0.93 0.00	20.51 -1.71 0.00	23.26 -2.05 0.00	25.91 -2.66 0.00	23.73 -2.55 0.00	21.25 -1.80 0.00	18.96 -1.49 0.00	17.84 -1.02 0.00
BLACK RIVER___HYD 24047	20.03 -0.16 0.00	19.01 -0.19 0.00	17.37 -0.14 0.00	17.32 -0.17 0.00	17.84 -0.14 0.00	19.81 -0.16 0.00	21.10 -0.19 0.00	23.79 -0.22 0.00	23.40 -0.33 0.00	20.42 -0.35 0.00	18.95 -0.47 0.00	17.65 -0.66 0.00	16.94 -0.69 0.00	15.77 -0.73 0.00	15.71 -0.76 0.00	16.23 -0.73 0.00	17.11 -0.71 0.00	21.51 -0.71 0.00	24.73 -0.58 0.00	27.88 -0.69 0.00	25.75 -0.53 0.00	22.59 -0.46 0.00	19.96 -0.49 0.00	18.37 -0.49 0.00
BLACKRVR_115KV_TB2 79977	20.03 -0.16 0.00	19.01 -0.19 0.00	17.35 -0.16 0.00	17.32 -0.17 0.00	17.85 -0.14 0.00	19.81 -0.16 0.00	21.06 -0.23 0.00	23.74 -0.26 0.00	23.40 -0.33 0.00	20.38 -0.39 0.00	18.91 -0.50 0.00	17.60 -0.71 0.00	16.93 -0.71 0.00	15.75 -0.74 0.00	15.69 -0.77 0.00	16.20 -0.76 0.00	17.07 -0.75 0.00	21.51 -0.71 0.00	24.73 -0.58 0.00	27.88 -0.69 0.00	25.75 -0.53 0.00	22.59 -0.46 0.00	19.96 -0.49 0.00	18.35 -0.51 0.00
BLISS_WT_PWR 323608	20.13 -0.06 0.00	18.88 -0.33 0.00	17.35 -0.16 0.00	17.30 -0.19 0.00	17.77 -0.22 0.00	19.49 -0.48 0.00	20.85 -0.45 0.00	22.46 -1.54 0.00	22.12 -1.61 0.00	19.74 -1.04 0.00	18.66 -0.76 0.00	17.60 -0.71 0.00	16.63 -1.00 0.00	15.57 -0.92 0.00	15.28 -1.19 0.00	15.91 -1.05 0.00	16.86 -0.96 0.00	20.27 -1.96 0.00	23.24 -2.08 0.00	25.94 -2.63 0.00	23.70 -2.57 0.00	21.23 -1.82 0.00	18.90 -1.56 0.00	17.65 -1.21 0.00
BLUESTONE___WT_PWR 323821	21.54 1.35 0.00	20.43 1.23 0.00	18.68 1.17 0.00	18.61 1.12 0.00	19.19 1.21 0.00	21.29 1.32 0.00	22.72 1.43 0.00	25.59 1.58 0.00	25.18 1.45 0.00	22.09 1.31 0.00	20.59 1.17 0.00	19.32 1.01 0.00	18.50 0.86 0.00	17.25 0.76 0.00	17.19 0.72 0.00	17.76 0.80 0.00	18.71 0.89 0.00	23.36 1.13 0.00	26.73 1.42 0.00	30.02 1.46 0.00	27.70 1.42 0.00	24.41 1.36 0.00	21.64 1.19 0.00	19.92 1.06 0.00
BLUE_CIRC_CHEM_DRP 24182	20.63 0.44 0.00	19.65 0.44 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.39 0.40 0.00	20.45 0.48 0.00	21.83 0.53 0.00	24.63 0.62 0.00	24.35 0.62 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.75 0.44 0.00	18.04 0.41 0.00	16.89 0.40 0.00	16.86 0.40 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.83 0.60 0.00	26.00 0.68 0.00	29.39 0.83 0.00	27.09 0.81 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
BOC_GAS_DRP 24189	20.43 0.24 0.00	19.43 0.23 0.00	17.72 0.21 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.23 0.26 0.00	21.61 0.32 0.00	24.41 0.41 0.00	24.16 0.43 0.00	21.13 0.35 0.00	19.75 0.33 0.00	18.66 0.35 0.00	17.97 0.34 0.00	16.84 0.35 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.17 0.36 0.00	22.72 0.49 0.00	25.85 0.53 0.00	29.22 0.66 0.00	26.94 0.66 0.00	23.56 0.51 0.00	20.92 0.47 0.00	19.28 0.41 0.00
BOONVILLE_115KV_TB1 79983	20.47 0.28 0.00	19.45 0.25 0.00	17.75 0.25 0.00	17.72 0.23 0.00	18.24 0.25 0.00	20.25 0.28 0.00	21.57 0.28 0.00	24.34 0.34 0.00	24.04 0.31 0.00	21.03 0.25 0.00	19.59 0.17 0.00	18.33 0.02 0.00	17.60 -0.04 0.00	16.40 -0.10 0.00	16.35 -0.12 0.00	16.86 -0.10 0.00	17.75 -0.07 0.00	22.27 0.04 0.00	25.44 0.13 0.00	28.65 0.09 0.00	26.41 0.13 0.00	23.16 0.12 0.00	20.51 0.06 0.00	18.90 0.04 0.00
BORALEX_4TH_BRANCH 23824	20.39 0.20 0.00	19.45 0.25 0.00	17.72 0.21 0.00	17.72 0.23 0.00	18.19 0.20 0.00	20.23 0.26 0.00	21.68 0.38 0.00	24.51 0.50 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.75 0.44 0.00	18.04 0.41 0.00	16.94 0.45 0.00	16.94 0.48 0.00	17.42 0.46 0.00	18.30 0.48 0.00	22.92 0.69 0.00	26.07 0.76 0.00	29.51 0.94 0.00	27.20 0.92 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
BOWLINE___1 23526	20.61 0.42 0.00	19.57 0.36 0.00	17.79 0.28 0.00	17.79 0.30 0.00	18.28 0.29 0.00	20.33 0.36 0.00	21.76 0.47 0.00	24.77 0.77 0.00	24.54 0.81 0.00	21.42 0.64 0.00	20.04 0.62 0.00	18.92 0.60 0.00	18.36 0.72 0.00	17.14 0.64 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.46 0.64 0.00	23.25 1.02 0.00	26.48 1.17 0.00	30.02 1.46 0.00	27.62 1.34 0.00	24.16 1.11 0.00	21.43 0.98 0.00	19.62 0.76 0.00
BOWLINE___2 23595	20.61 0.42 0.00	19.57 0.36 0.00	17.79 0.28 0.00	17.79 0.30 0.00	18.28 0.29 0.00	20.33 0.36 0.00	21.76 0.47 0.00	24.77 0.77 0.00	24.54 0.81 0.00	21.42 0.64 0.00	20.04 0.62 0.00	18.92 0.60 0.00	18.36 0.72 0.00	17.14 0.64 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.46 0.64 0.00	23.25 1.02 0.00	26.48 1.17 0.00	30.02 1.46 0.00	27.62 1.34 0.00	24.16 1.11 0.00	21.43 0.98 0.00	19.62 0.76 0.00
BRADY___115KV_TB2 356060	20.09 -0.10 0.00	19.18 -0.02 0.00	17.44 -0.07 0.00	17.47 -0.02 0.00	17.97 -0.02 0.00	19.95 -0.02 0.00	21.32 0.02 0.00	24.00 0.00 0.00	23.81 0.07 0.00	20.76 -0.02 0.00	19.36 -0.06 0.00	18.15 -0.16 0.00	17.40 -0.23 0.00	16.26 -0.23 0.00	16.28 -0.18 0.00	16.78 -0.19 0.00	17.62 -0.20 0.00	22.14 -0.09 0.00	25.34 0.03 0.00	28.59 0.03 0.00	26.23 -0.05 0.00	22.96 -0.09 0.00	20.27 -0.18 0.00	18.64 -0.23 0.00
BRANSCOMB___SOLAR 323811	20.67 0.48 0.00	19.66 0.46 0.00	17.94 0.44 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.65 0.65 0.00	24.35 0.62 0.00	21.21 0.44 0.00	19.75 0.33 0.00	18.66 0.35 0.00	17.98 0.35 0.00	16.79 0.30 0.00	16.76 0.30 0.00	17.27 0.31 0.00	18.16 0.34 0.00	22.87 0.64 0.00	26.10 0.79 0.00	29.54 0.97 0.00	27.25 0.97 0.00	23.83 0.78 0.00	21.09 0.63 0.00	19.45 0.59 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.04 0.85 0.00	20.07 0.86 0.00	18.17 0.67 0.00	18.12 0.63 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.36 1.06 0.00	25.59 1.58 0.00	25.37 1.64 0.00	22.19 1.41 0.00	20.82 1.40 0.00	19.50 1.19 0.00	18.73 1.09 0.00	17.65 1.15 0.00	17.57 1.10 0.00	18.02 1.05 0.00	18.98 1.16 0.00	23.74 1.51 0.00	27.19 1.87 0.00	30.71 2.14 0.00	28.41 2.13 0.00	26.26 1.94 -1.27	22.79 1.72 -0.62	20.31 1.45 0.00

BRISTLHL_115KV_TB1 79998	20.03 -0.16 0.00	19.03 -0.17 0.00	17.37 -0.14 0.00	17.32 -0.17 0.00	17.85 -0.14 0.00	19.79 -0.18 0.00	21.00 -0.30 0.00	23.64 -0.36 0.00	23.29 -0.45 0.00	20.42 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.31 0.00	17.33 -0.30 0.00	16.20 -0.30 0.00	16.14 -0.33 0.00	16.64 -0.32 0.00	17.48 -0.34 0.00	21.74 -0.49 0.00	24.76 -0.56 0.00	27.88 -0.69 0.00	25.67 -0.60 0.00	22.59 -0.46 0.00	20.06 -0.39 0.00	18.54 -0.32 0.00
BROOKHAVEN___DRP 24191	20.83 0.65 0.00	19.93 0.73 0.00	18.07 0.56 0.00	18.02 0.52 0.00	18.53 0.54 0.00	20.59 0.62 0.00	22.23 0.94 0.00	25.59 1.58 0.00	25.30 1.57 0.00	22.25 1.48 0.00	20.86 1.44 0.00	19.52 1.21 0.00	18.71 1.08 0.00	17.63 1.14 0.00	17.57 1.10 0.00	18.02 1.05 0.00	18.99 1.18 0.00	23.58 1.36 0.00	27.04 1.72 0.00	30.65 2.09 0.00	28.33 2.05 0.00	26.21 1.89 -1.27	22.75 1.68 -0.62	20.26 1.40 0.00
BROOKLYN_NAVY_YARD 23515	20.73 0.55 0.00	19.65 0.44 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.35 0.36 0.00	20.45 0.48 0.00	21.89 0.60 0.00	24.94 0.94 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.24 0.82 0.00	19.10 0.79 0.00	18.58 0.95 0.00	17.34 0.84 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.77 0.91 0.00
BROOKLYN___ARMY_DRP 323595	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
BROOKVLE_69_KV_TB1 55790	21.04 0.85 0.00	20.03 0.83 0.00	18.15 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.34 1.04 0.00	25.47 1.46 0.00	25.28 1.54 0.00	22.09 1.31 0.00	20.70 1.28 0.00	19.43 1.12 0.00	18.73 1.09 0.00	17.60 1.11 0.00	17.50 1.04 0.00	18.00 1.03 0.00	18.92 1.10 0.00	23.69 1.47 0.00	27.11 1.80 0.00	30.71 2.14 0.00	28.33 2.05 0.00	26.12 1.80 -1.27	22.69 1.62 -0.62	20.20 1.34 0.00
BROOME_2_LFGE 323671	20.47 0.28 0.00	19.42 0.21 0.00	17.72 0.21 0.00	17.68 0.19 0.00	18.21 0.22 0.00	20.19 0.22 0.00	21.55 0.26 0.00	24.17 0.17 0.00	23.81 0.07 0.00	20.92 0.15 0.00	19.57 0.15 0.00	18.46 0.15 0.00	17.70 0.07 0.00	16.56 0.07 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.91 0.09 0.00	22.16 -0.07 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.51 0.06 0.00	18.94 0.08 0.00
BROOME___LFGE 323600	20.47 0.28 0.00	19.42 0.21 0.00	17.72 0.21 0.00	17.68 0.19 0.00	18.21 0.22 0.00	20.19 0.22 0.00	21.55 0.26 0.00	24.17 0.17 0.00	23.81 0.07 0.00	20.92 0.15 0.00	19.57 0.15 0.00	18.46 0.15 0.00	17.70 0.07 0.00	16.56 0.07 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.91 0.09 0.00	22.16 -0.07 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.51 0.06 0.00	18.94 0.08 0.00
BROWNFLS_115KV_TB 3_5 80003	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.74 -0.68 0.00	17.45 -0.86 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.06 -0.90 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	17.98 -0.89 0.00
BROWNSV1_27_KV_LOAD 356125	20.93 0.75 0.00	19.84 0.63 0.00	18.03 0.53 0.00	18.02 0.52 0.00	18.53 0.54 0.00	20.65 0.68 0.00	22.19 0.89 0.00	25.25 1.25 0.00	25.04 1.31 0.00	21.92 1.14 0.00	20.57 1.15 0.00	19.39 1.08 0.00	18.80 1.16 0.00	17.62 1.12 0.00	17.57 1.10 0.00	18.05 1.09 0.00	18.96 1.14 0.00	23.72 1.49 0.00	27.01 1.70 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.59 1.54 0.00	21.84 1.39 0.00	19.99 1.13 0.00
BURROWS___LYONSDAL 23803	20.37 0.18 0.00	19.36 0.15 0.00	17.66 0.16 0.00	17.63 0.14 0.00	18.15 0.16 0.00	20.15 0.18 0.00	21.46 0.17 0.00	24.22 0.22 0.00	23.93 0.19 0.00	20.90 0.12 0.00	19.48 0.06 0.00	18.15 -0.16 0.00	17.42 -0.21 0.00	16.23 -0.26 0.00	16.19 -0.28 0.00	16.69 -0.27 0.00	17.59 -0.23 0.00	22.07 -0.16 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	22.98 -0.07 0.00	20.33 -0.12 0.00	18.73 -0.13 0.00
CAITHNESS_CC_1 323624	20.83 0.65 0.00	19.91 0.71 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.34 1.34 0.00	24.97 1.23 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.55 0.92 0.00	17.45 0.96 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.73 0.91 0.00	23.56 1.33 0.00	27.01 1.70 0.00	30.53 1.97 0.00	28.30 2.02 0.00	26.17 1.84 -1.27	22.71 1.64 -0.62	20.20 1.34 0.00
CALPINE BETH_PAGE_GT4 24209	20.99 0.81 0.00	20.01 0.81 0.00	18.12 0.61 0.00	18.09 0.59 0.00	18.58 0.59 0.00	20.71 0.74 0.00	22.32 1.02 0.00	25.44 1.44 0.00	25.26 1.52 0.00	22.09 1.31 0.00	20.70 1.28 0.00	19.41 1.10 0.00	18.69 1.06 0.00	17.58 1.09 0.00	17.50 1.04 0.00	17.96 1.00 0.00	18.91 1.09 0.00	23.63 1.40 0.00	27.01 1.70 0.00	30.56 2.00 0.00	28.22 1.94 0.00	26.03 1.71 -1.27	22.59 1.51 -0.62	20.13 1.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.00 0.81 0.00	20.01 0.81 0.00	18.12 0.61 0.00	18.09 0.60 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.12 0.83 0.00	25.32 1.32 0.00	25.02 1.28 0.00	21.92 1.14 0.00	20.51 1.09 0.00	19.26 0.95 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.39 0.92 0.00	17.86 0.90 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.01 1.70 0.00	30.53 1.97 0.00	28.25 1.97 0.00	26.03 1.71 -1.27	22.59 1.51 -0.62	20.09 1.23 0.00
CALPINE_BP_GT1 23823	21.00 0.81 0.00	20.01 0.81 0.00	18.12 0.61 0.00	18.09 0.60 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.12 0.83 0.00	25.32 1.32 0.00	25.02 1.28 0.00	21.92 1.14 0.00	20.51 1.09 0.00	19.26 0.95 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.39 0.92 0.00	17.86 0.90 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.01 1.70 0.00	30.53 1.97 0.00	28.25 1.97 0.00	26.03 1.71 -1.27	22.59 1.51 -0.62	20.09 1.23 0.00
CALSPAN___DRP 24200	19.90 -0.28 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.16 -0.33 0.00	17.65 -0.34 0.00	19.45 -0.52 0.00	20.66 -0.64 0.00	22.54 -1.46 0.00	22.10 -1.64 0.00	19.61 -1.16 0.00	18.41 -1.01 0.00	17.38 -0.93 0.00	16.72 -0.92 0.00	15.46 -1.04 0.00	15.25 -1.22 0.00	15.91 -1.05 0.00	16.70 -1.12 0.00	20.25 -1.98 0.00	22.78 -2.53 0.00	25.25 -3.31 0.00	23.15 -3.13 0.00	20.88 -2.17 0.00	18.78 -1.68 0.00	17.73 -1.13 0.00

CALVERTON___SOLAR 323806	20.87 0.69 0.00	19.95 0.75 0.00	18.10 0.60 0.00	18.05 0.56 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.47 1.46 0.00	25.06 1.33 0.00	22.13 1.35 0.00	20.66 1.24 0.00	19.41 1.10 0.00	18.60 0.97 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.63 1.40 0.00	27.11 1.80 0.00	30.68 2.11 0.00	28.43 2.16 0.00	26.28 1.96 -1.27	22.81 1.74 -0.62	20.30 1.43 0.00
CANDIGU_WT_PWR 323617	20.83 0.65 0.00	19.74 0.54 0.00	18.03 0.52 0.00	18.00 0.51 0.00	18.57 0.58 0.00	20.57 0.60 0.00	22.02 0.72 0.00	24.60 0.60 0.00	24.11 0.38 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.70 0.39 0.00	17.84 0.21 0.00	16.63 0.13 0.00	16.51 0.05 0.00	17.00 0.03 0.00	17.96 0.14 0.00	22.14 -0.09 0.00	25.34 0.03 0.00	28.42 -0.14 0.00	26.12 -0.16 0.00	23.12 0.07 0.00	20.51 0.06 0.00	18.92 0.06 0.00
CARR STREET_E_SYR 24060	20.17 -0.02 0.00	19.17 -0.04 0.00	17.49 -0.02 0.00	17.46 -0.03 0.00	17.97 -0.02 0.00	19.93 -0.04 0.00	21.23 -0.06 0.00	23.86 -0.14 0.00	23.52 -0.21 0.00	20.65 -0.12 0.00	19.32 -0.10 0.00	18.22 -0.09 0.00	17.51 -0.12 0.00	16.38 -0.11 0.00	16.33 -0.13 0.00	16.83 -0.14 0.00	17.69 -0.12 0.00	21.89 -0.33 0.00	24.94 -0.38 0.00	28.05 -0.51 0.00	25.83 -0.45 0.00	22.75 -0.30 0.00	20.21 -0.24 0.00	18.69 -0.17 0.00
CARTHAGE___PAPER 23857	19.92 -0.26 0.00	18.94 -0.27 0.00	17.26 -0.25 0.00	17.23 -0.26 0.00	17.76 -0.23 0.00	19.73 -0.24 0.00	21.02 -0.28 0.00	23.69 -0.31 0.00	23.36 -0.38 0.00	20.36 -0.42 0.00	18.90 -0.52 0.00	17.56 -0.75 0.00	16.86 -0.78 0.00	15.69 -0.81 0.00	15.63 -0.84 0.00	16.13 -0.83 0.00	17.02 -0.80 0.00	21.43 -0.80 0.00	24.63 -0.68 0.00	27.76 -0.80 0.00	25.62 -0.66 0.00	22.45 -0.60 0.00	19.82 -0.63 0.00	18.24 -0.62 0.00
CASSADAGA_WT_PWR 323784	20.47 0.28 0.00	19.32 0.12 0.00	17.75 0.24 0.00	17.68 0.19 0.00	18.17 0.18 0.00	19.99 0.02 0.00	21.25 -0.04 0.00	22.90 -1.10 0.00	22.36 -1.38 0.00	20.03 -0.75 0.00	18.86 -0.56 0.00	17.71 -0.60 0.00	16.63 -1.00 0.00	15.52 -0.97 0.00	15.30 -1.17 0.00	15.83 -1.14 0.00	16.71 -1.10 0.00	20.11 -2.11 0.00	22.96 -2.35 0.00	25.48 -3.09 0.00	23.28 -3.00 0.00	21.02 -2.03 0.00	18.86 -1.60 0.00	17.73 -1.13 0.00
CE_DUNWOOD___DRP 24194	20.71 0.52 0.00	19.66 0.46 0.00	17.87 0.37 0.00	17.86 0.37 0.00	18.35 0.36 0.00	20.43 0.46 0.00	21.95 0.66 0.00	24.96 0.96 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.27 0.85 0.00	19.12 0.81 0.00	18.48 0.85 0.00	17.34 0.84 0.00	17.31 0.84 0.00	17.78 0.81 0.00	18.67 0.86 0.00	23.36 1.13 0.00	26.61 1.29 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.56 1.10 0.00	19.75 0.89 0.00
CE_MILLWOOD___DRP 24193	20.67 0.48 0.00	19.63 0.42 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.41 0.44 0.00	21.93 0.64 0.00	24.94 0.94 0.00	24.71 0.97 0.00	21.61 0.83 0.00	20.24 0.82 0.00	19.08 0.77 0.00	18.44 0.81 0.00	17.29 0.79 0.00	17.27 0.81 0.00	17.74 0.78 0.00	18.64 0.82 0.00	23.32 1.09 0.00	26.58 1.27 0.00	30.13 1.57 0.00	27.72 1.45 0.00	24.22 1.18 0.00	21.52 1.06 0.00	19.73 0.87 0.00
CE_NYC2_DRP 24202	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.48 1.43 0.00	21.74 1.29 0.00	19.92 1.06 0.00
CE_NYC_DRP 24195	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00
CHAFFEE___LFGE 323603	19.92 -0.26 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.47 -0.50 0.00	20.63 -0.66 0.00	22.23 -1.78 0.00	21.79 -1.95 0.00	19.55 -1.23 0.00	18.49 -0.93 0.00	17.51 -0.81 0.00	16.50 -1.13 0.00	15.52 -0.97 0.00	15.35 -1.12 0.00	15.91 -1.05 0.00	16.78 -1.03 0.00	20.11 -2.11 0.00	22.88 -2.43 0.00	25.36 -3.20 0.00	23.26 -3.02 0.00	20.97 -2.07 0.00	18.84 -1.62 0.00	17.69 -1.17 0.00
CHATEAUG_35_KV_LOAD 355732	20.25 0.06 0.00	19.32 0.12 0.00	17.58 0.07 0.00	17.58 0.09 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.44 0.15 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.92 0.15 0.00	19.52 0.10 0.00	18.29 -0.02 0.00	17.56 -0.07 0.00	16.43 -0.07 0.00	16.43 -0.03 0.00	16.93 -0.03 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.62 0.30 0.00	28.91 0.34 0.00	26.41 0.13 0.00	23.12 0.07 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00
CHATEAUG_WT_PWR 323614	20.25 0.06 0.00	19.32 0.12 0.00	17.59 0.09 0.00	17.60 0.11 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.40 0.11 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.94 0.17 0.00	19.56 0.14 0.00	18.33 0.02 0.00	17.58 -0.05 0.00	16.43 -0.07 0.00	16.45 -0.02 0.00	16.95 -0.02 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.41 0.13 0.00	23.10 0.05 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	20.25 0.06 0.00	19.32 0.12 0.00	17.58 0.07 0.00	17.58 0.09 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.44 0.15 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.92 0.15 0.00	19.52 0.10 0.00	18.29 -0.02 0.00	17.56 -0.07 0.00	16.43 -0.07 0.00	16.43 -0.03 0.00	16.93 -0.03 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.62 0.30 0.00	28.91 0.34 0.00	26.41 0.13 0.00	23.12 0.07 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00
CHAUTAUQUA___LFGE 323629	20.17 -0.02 0.00	19.05 -0.15 0.00	17.49 -0.02 0.00	17.40 -0.09 0.00	17.88 -0.11 0.00	19.69 -0.28 0.00	20.91 -0.38 0.00	22.51 -1.49 0.00	22.05 -1.68 0.00	19.76 -1.02 0.00	18.66 -0.76 0.00	17.62 -0.70 0.00	16.59 -1.04 0.00	15.55 -0.94 0.00	15.38 -1.09 0.00	15.91 -1.05 0.00	16.80 -1.01 0.00	20.16 -2.07 0.00	22.96 -2.35 0.00	25.48 -3.09 0.00	23.31 -2.97 0.00	21.04 -2.01 0.00	18.90 -1.56 0.00	17.73 -1.13 0.00
CHERRYST_13_KV_LD 356241	20.81 0.63 0.00	19.74 0.54 0.00	17.94 0.44 0.00	17.93 0.44 0.00	18.44 0.45 0.00	20.55 0.58 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.82 1.04 0.00	20.45 1.03 0.00	19.30 0.99 0.00	18.69 1.06 0.00	17.52 1.02 0.00	17.49 1.02 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.58 1.36 0.00	26.86 1.54 0.00	30.51 1.94 0.00	28.04 1.76 0.00	24.46 1.41 0.00	21.72 1.27 0.00	19.88 1.02 0.00

CHESTROR_138KV_BK263 355645	20.55 0.36 0.00	19.51 0.31 0.00	17.75 0.25 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.78 0.49 0.00	24.70 0.70 0.00	24.50 0.76 0.00	21.42 0.64 0.00	20.04 0.62 0.00	18.90 0.59 0.00	18.23 0.60 0.00	17.09 0.59 0.00	17.07 0.61 0.00	17.56 0.59 0.00	18.44 0.62 0.00	23.05 0.82 0.00	26.28 0.96 0.00	29.79 1.23 0.00	27.38 1.10 0.00	23.97 0.92 0.00	21.29 0.84 0.00	19.54 0.68 0.00
CH_MIDHUDSON___DRP 24192	20.63 0.44 0.00	19.63 0.42 0.00	17.84 0.33 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.41 0.44 0.00	21.89 0.60 0.00	24.82 0.82 0.00	24.61 0.88 0.00	21.53 0.75 0.00	20.12 0.70 0.00	18.99 0.68 0.00	18.32 0.69 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.53 0.71 0.00	23.18 0.96 0.00	26.43 1.11 0.00	29.96 1.40 0.00	27.59 1.31 0.00	24.11 1.06 0.00	21.39 0.94 0.00	19.65 0.79 0.00
CH_MISC_IPPS 23765	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.89 0.60 0.00	24.84 0.84 0.00	24.66 0.92 0.00	21.52 0.75 0.00	20.06 0.64 0.00	18.92 0.60 0.00	18.32 0.69 0.00	17.12 0.63 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.48 0.66 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.75 1.47 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.69 0.83 0.00
CH_RES_BVR_FALLS 23983	20.05 -0.14 0.00	19.09 -0.11 0.00	17.40 -0.10 0.00	17.40 -0.09 0.00	17.90 -0.09 0.00	19.87 -0.10 0.00	21.19 -0.11 0.00	23.88 -0.12 0.00	23.64 -0.09 0.00	20.67 -0.10 0.00	19.30 -0.12 0.00	18.15 -0.17 0.00	17.46 -0.18 0.00	16.31 -0.18 0.00	16.30 -0.16 0.00	16.79 -0.17 0.00	17.64 -0.18 0.00	22.09 -0.13 0.00	25.16 -0.15 0.00	28.36 -0.20 0.00	25.99 -0.29 0.00	22.75 -0.30 0.00	20.15 -0.31 0.00	18.54 -0.32 0.00
CH_RES_NIAGARA 23895	19.12 -1.07 0.00	18.07 -1.13 0.00	16.61 -0.89 0.00	16.48 -1.01 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.72 -1.58 0.00	21.17 -2.83 0.00	20.74 -2.99 0.00	18.66 -2.12 0.00	17.65 -1.77 0.00	16.77 -1.54 0.00	15.80 -1.83 0.00	14.89 -1.60 0.00	14.74 -1.73 0.00	15.28 -1.68 0.00	16.11 -1.71 0.00	19.20 -3.02 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.13 -4.15 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
CH_RES_SYRACUSE 23985	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.40 0.11 0.00	24.07 0.07 0.00	23.71 -0.02 0.00	20.84 0.06 0.00	19.46 0.04 0.00	18.35 0.04 0.00	17.63 0.00 0.00	16.49 0.00 0.00	16.45 -0.02 0.00	16.95 -0.02 0.00	17.82 0.00 0.00	22.07 -0.15 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.04 -0.24 0.00	22.93 -0.11 0.00	20.37 -0.08 0.00	18.84 -0.02 0.00
CLINTON_WT_PWR 323605	20.25 0.06 0.00	19.32 0.12 0.00	17.59 0.09 0.00	17.60 0.11 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.40 0.11 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.94 0.17 0.00	19.56 0.14 0.00	18.33 0.02 0.00	17.58 -0.05 0.00	16.43 -0.07 0.00	16.45 -0.02 0.00	16.95 -0.02 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.41 0.13 0.00	23.10 0.05 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00
CLINTON___LFGE 323618	20.49 0.30 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.70 0.40 0.00	24.46 0.45 0.00	24.28 0.55 0.00	21.23 0.46 0.00	19.83 0.41 0.00	18.57 0.26 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.15 0.19 0.00	18.05 0.23 0.00	22.71 0.49 0.00	25.97 0.66 0.00	29.30 0.74 0.00	26.75 0.47 0.00	23.40 0.35 0.00	20.62 0.16 0.00	18.94 0.08 0.00
COBBLENY_34_KV_TB1 80064	19.93 -0.26 0.00	18.82 -0.38 0.00	17.26 -0.25 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.49 -0.48 0.00	20.70 -0.60 0.00	22.59 -1.42 0.00	22.15 -1.59 0.00	19.66 -1.12 0.00	18.47 -0.95 0.00	17.43 -0.88 0.00	16.77 -0.86 0.00	15.49 -1.01 0.00	15.30 -1.17 0.00	15.96 -1.00 0.00	16.75 -1.07 0.00	20.34 -1.89 0.00	22.88 -2.43 0.00	25.34 -3.23 0.00	23.23 -3.05 0.00	20.95 -2.10 0.00	18.84 -1.62 0.00	17.79 -1.08 0.00
COFFEEN___115KV_TB3 355620	20.15 -0.04 0.00	19.13 -0.08 0.00	17.45 -0.05 0.00	17.42 -0.07 0.00	17.97 -0.02 0.00	19.93 -0.04 0.00	21.19 -0.11 0.00	23.88 -0.12 0.00	23.52 -0.21 0.00	20.49 -0.29 0.00	18.97 -0.45 0.00	17.65 -0.66 0.00	16.98 -0.65 0.00	15.80 -0.69 0.00	15.72 -0.74 0.00	16.25 -0.71 0.00	17.12 -0.69 0.00	21.60 -0.62 0.00	24.86 -0.46 0.00	28.05 -0.51 0.00	25.91 -0.37 0.00	22.73 -0.32 0.00	20.08 -0.37 0.00	18.47 -0.40 0.00
COLDSPRG_115KV_BK1 355956	20.69 0.50 0.00	19.53 0.33 0.00	17.91 0.40 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.23 0.26 0.00	21.63 0.34 0.00	23.64 -0.36 0.00	23.17 -0.57 0.00	20.53 -0.25 0.00	19.26 -0.16 0.00	18.07 -0.24 0.00	17.33 -0.30 0.00	15.98 -0.51 0.00	15.76 -0.71 0.00	16.40 -0.56 0.00	17.23 -0.59 0.00	20.96 -1.27 0.00	23.72 -1.59 0.00	26.31 -2.26 0.00	24.10 -2.18 0.00	21.67 -1.38 0.00	19.47 -0.98 0.00	18.32 -0.55 0.00
COLONIE_LFGE___ 323577	20.47 0.28 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.63 0.34 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.09 0.31 0.00	19.67 0.25 0.00	18.60 0.29 0.00	17.97 0.33 0.00	16.81 0.31 0.00	16.79 0.33 0.00	17.30 0.34 0.00	18.16 0.34 0.00	22.83 0.60 0.00	25.97 0.66 0.00	29.36 0.80 0.00	27.09 0.82 0.00	23.67 0.62 0.00	20.98 0.53 0.00	19.33 0.47 0.00
COOPERNY_115KV_TB1 80082	20.47 0.28 0.00	19.43 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.19 0.20 0.00	20.21 0.24 0.00	21.66 0.36 0.00	24.53 0.53 0.00	24.31 0.57 0.00	21.28 0.50 0.00	19.91 0.49 0.00	18.77 0.46 0.00	18.11 0.48 0.00	16.96 0.46 0.00	16.93 0.46 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.09 0.81 0.00	23.74 0.69 0.00	21.09 0.63 0.00	19.37 0.51 0.00
COPENHAGEN_WT_PWR 323753	20.01 -0.18 0.00	19.01 -0.19 0.00	17.35 -0.16 0.00	17.32 -0.17 0.00	17.84 -0.14 0.00	19.81 -0.16 0.00	21.08 -0.21 0.00	23.76 -0.24 0.00	23.40 -0.33 0.00	20.42 -0.35 0.00	18.97 -0.45 0.00	17.69 -0.62 0.00	16.98 -0.65 0.00	15.82 -0.68 0.00	15.76 -0.71 0.00	16.27 -0.70 0.00	17.14 -0.68 0.00	21.51 -0.71 0.00	24.73 -0.58 0.00	27.85 -0.71 0.00	25.73 -0.55 0.00	22.59 -0.46 0.00	19.96 -0.49 0.00	18.39 -0.47 0.00
CORNELL_____ 23752	20.79 0.61 0.00	19.74 0.54 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.51 0.52 0.00	20.55 0.58 0.00	21.89 0.60 0.00	24.65 0.65 0.00	24.26 0.52 0.00	21.26 0.48 0.00	19.81 0.39 0.00	18.62 0.31 0.00	17.91 0.28 0.00	16.69 0.20 0.00	16.65 0.18 0.00	17.20 0.24 0.00	18.10 0.29 0.00	22.54 0.31 0.00	25.72 0.41 0.00	28.91 0.34 0.00	26.67 0.39 0.00	23.46 0.41 0.00	20.84 0.39 0.00	19.24 0.38 0.00

CORONA__69_KV_TB1 355595	20.97 0.79 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.27 0.98 0.00	25.37 1.37 0.00	25.18 1.45 0.00	22.00 1.23 0.00	20.62 1.20 0.00	19.36 1.04 0.00	18.67 1.04 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.95 0.98 0.00	18.87 1.05 0.00	23.63 1.40 0.00	27.04 1.72 0.00	30.59 2.03 0.00	28.22 1.94 0.00	26.03 1.71 -1.27	22.61 1.53 -0.62	20.15 1.28 0.00
CORTLAND__115KV_TB3 80093	20.55 0.36 0.00	19.53 0.33 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.31 0.32 0.00	20.31 0.34 0.00	21.63 0.34 0.00	24.36 0.36 0.00	24.00 0.26 0.00	21.03 0.25 0.00	19.63 0.21 0.00	18.50 0.18 0.00	17.79 0.16 0.00	16.59 0.10 0.00	16.55 0.08 0.00	17.08 0.12 0.00	17.96 0.14 0.00	22.34 0.11 0.00	25.47 0.15 0.00	28.65 0.09 0.00	26.41 0.13 0.00	23.23 0.18 0.00	20.64 0.18 0.00	19.05 0.19 0.00
COXSACKIE__GT 23611	21.26 1.07 0.00	20.20 1.00 0.00	18.42 0.91 0.00	18.42 0.93 0.00	18.91 0.92 0.00	21.07 1.10 0.00	22.46 1.17 0.00	25.27 1.27 0.00	25.06 1.33 0.00	21.77 1.00 0.00	20.08 0.66 0.00	18.90 0.59 0.00	18.16 0.53 0.00	16.97 0.48 0.00	16.96 0.49 0.00	17.49 0.53 0.00	18.44 0.62 0.00	23.25 1.02 0.00	26.68 1.37 0.00	30.28 1.71 0.00	27.99 1.71 0.00	24.46 1.41 0.00	21.64 1.19 0.00	19.94 1.07 0.00
CPV_VALLEY__CC1 323721	20.43 0.24 0.00	19.42 0.21 0.00	17.65 0.14 0.00	17.65 0.16 0.00	18.13 0.14 0.00	20.17 0.20 0.00	21.57 0.28 0.00	24.48 0.48 0.00	24.24 0.50 0.00	21.19 0.42 0.00	19.81 0.39 0.00	18.70 0.39 0.00	18.11 0.48 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.39 0.42 0.00	18.25 0.43 0.00	22.94 0.71 0.00	26.10 0.79 0.00	29.56 1.00 0.00	27.20 0.92 0.00	23.81 0.76 0.00	21.15 0.70 0.00	19.37 0.51 0.00
CPV_VALLEY__CC2 323722	20.43 0.24 0.00	19.42 0.21 0.00	17.65 0.14 0.00	17.65 0.16 0.00	18.13 0.14 0.00	20.17 0.20 0.00	21.57 0.28 0.00	24.48 0.48 0.00	24.24 0.50 0.00	21.19 0.42 0.00	19.81 0.39 0.00	18.70 0.39 0.00	18.11 0.48 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.39 0.42 0.00	18.25 0.43 0.00	22.94 0.71 0.00	26.10 0.79 0.00	29.56 1.00 0.00	27.20 0.92 0.00	23.81 0.76 0.00	21.15 0.70 0.00	19.37 0.51 0.00
CRESCENT__HYD 24018	20.47 0.28 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.63 0.34 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.09 0.31 0.00	19.67 0.25 0.00	18.60 0.29 0.00	17.97 0.33 0.00	16.81 0.31 0.00	16.79 0.33 0.00	17.30 0.34 0.00	18.16 0.34 0.00	22.83 0.60 0.00	25.97 0.66 0.00	29.36 0.80 0.00	27.09 0.82 0.00	23.67 0.62 0.00	20.98 0.53 0.00	19.33 0.47 0.00
CRICKET__VALLEY_CC1 323756	20.43 0.24 0.00	19.45 0.25 0.00	17.70 0.19 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.23 0.26 0.00	21.57 0.28 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.83 0.41 0.00	18.73 0.42 0.00	18.18 0.55 0.00	17.01 0.51 0.00	16.99 0.53 0.00	17.49 0.53 0.00	18.34 0.52 0.00	23.05 0.82 0.00	26.20 0.89 0.00	29.68 1.11 0.00	27.36 1.08 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.48 0.62 0.00
CRICKET__VALLEY_CC2 323757	20.43 0.24 0.00	19.45 0.25 0.00	17.70 0.19 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.23 0.26 0.00	21.57 0.28 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.83 0.41 0.00	18.73 0.42 0.00	18.18 0.55 0.00	17.01 0.51 0.00	16.99 0.53 0.00	17.49 0.53 0.00	18.34 0.52 0.00	23.05 0.82 0.00	26.20 0.89 0.00	29.68 1.11 0.00	27.36 1.08 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.48 0.62 0.00
CRICKET__VALLEY_CC3 323758	20.43 0.24 0.00	19.45 0.25 0.00	17.70 0.19 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.23 0.26 0.00	21.57 0.28 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.17 0.39 0.00	19.83 0.41 0.00	18.73 0.42 0.00	18.18 0.55 0.00	17.01 0.51 0.00	16.99 0.53 0.00	17.49 0.53 0.00	18.34 0.52 0.00	23.05 0.82 0.00	26.20 0.89 0.00	29.68 1.11 0.00	27.36 1.08 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.48 0.62 0.00
CRUCIBLE_METL_DRP 24180	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00
DAHOWA__HYDRO 323763	20.69 0.50 0.00	19.68 0.48 0.00	17.96 0.45 0.00	17.91 0.42 0.00	18.44 0.45 0.00	20.51 0.54 0.00	21.87 0.58 0.00	24.70 0.70 0.00	24.40 0.66 0.00	21.23 0.46 0.00	19.77 0.35 0.00	18.66 0.35 0.00	17.97 0.33 0.00	16.77 0.28 0.00	16.74 0.28 0.00	17.25 0.29 0.00	18.16 0.34 0.00	22.89 0.67 0.00	26.10 0.79 0.00	29.56 1.00 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.09 0.63 0.00	19.45 0.59 0.00
DANC__LFGE 323619	19.99 -0.20 0.00	18.99 -0.21 0.00	17.33 -0.18 0.00	17.30 -0.19 0.00	17.83 -0.16 0.00	19.77 -0.20 0.00	21.04 -0.25 0.00	23.69 -0.31 0.00	23.33 -0.40 0.00	20.42 -0.35 0.00	19.03 -0.39 0.00	17.82 -0.49 0.00	17.10 -0.53 0.00	15.97 -0.53 0.00	15.91 -0.56 0.00	16.40 -0.56 0.00	17.27 -0.55 0.00	21.56 -0.67 0.00	24.68 -0.63 0.00	27.82 -0.74 0.00	25.65 -0.63 0.00	22.56 -0.49 0.00	19.98 -0.47 0.00	18.43 -0.43 0.00
DANSKAMMER__1 23586	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.89 0.60 0.00	24.84 0.84 0.00	24.66 0.92 0.00	21.52 0.75 0.00	20.06 0.64 0.00	18.92 0.60 0.00	18.32 0.69 0.00	17.12 0.63 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.48 0.66 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.75 1.47 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.69 0.83 0.00
DANSKAMMER__2 23589	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.89 0.60 0.00	24.84 0.84 0.00	24.66 0.92 0.00	21.52 0.75 0.00	20.06 0.64 0.00	18.92 0.60 0.00	18.32 0.69 0.00	17.12 0.63 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.48 0.66 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.75 1.47 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.69 0.83 0.00
DANSKAMMER__3 23590	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.89 0.60 0.00	24.84 0.84 0.00	24.66 0.92 0.00	21.52 0.75 0.00	20.06 0.64 0.00	18.92 0.60 0.00	18.32 0.69 0.00	17.12 0.63 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.48 0.66 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.75 1.47 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.69 0.83 0.00

DANSKAMMER___4 23591	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.89 0.60 0.00	24.84 0.84 0.00	24.66 0.92 0.00	21.52 0.75 0.00	20.06 0.64 0.00	18.92 0.60 0.00	18.32 0.69 0.00	17.12 0.63 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.48 0.66 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.75 1.47 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.69 0.83 0.00
DANSKAMMER___DIESEL 23592	20.73 0.55 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.00 0.70 0.00	24.94 0.94 0.00	24.76 1.02 0.00	21.63 0.85 0.00	20.20 0.78 0.00	19.03 0.71 0.00	18.36 0.72 0.00	17.20 0.71 0.00	17.21 0.74 0.00	17.68 0.71 0.00	18.57 0.75 0.00	23.25 1.02 0.00	26.55 1.24 0.00	30.13 1.57 0.00	27.72 1.45 0.00	24.22 1.18 0.00	21.50 1.04 0.00	19.73 0.87 0.00
DARBY___SOLAR 323810	20.69 0.50 0.00	19.68 0.48 0.00	17.96 0.45 0.00	17.91 0.42 0.00	18.44 0.45 0.00	20.49 0.52 0.00	21.87 0.58 0.00	24.67 0.67 0.00	24.40 0.66 0.00	21.26 0.48 0.00	19.79 0.37 0.00	18.70 0.39 0.00	18.02 0.39 0.00	16.82 0.33 0.00	16.79 0.33 0.00	17.30 0.34 0.00	18.19 0.37 0.00	22.92 0.69 0.00	26.12 0.81 0.00	29.56 1.00 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.11 0.65 0.00	19.47 0.60 0.00
DASHVILLE___HYD 23610	20.39 0.20 0.00	19.36 0.15 0.00	17.59 0.09 0.00	17.61 0.12 0.00	18.08 0.09 0.00	20.13 0.16 0.00	21.61 0.32 0.00	24.53 0.53 0.00	24.33 0.59 0.00	21.28 0.50 0.00	19.87 0.45 0.00	18.73 0.42 0.00	18.09 0.46 0.00	16.97 0.48 0.00	16.96 0.49 0.00	17.42 0.46 0.00	18.30 0.48 0.00	22.89 0.67 0.00	26.12 0.81 0.00	29.68 1.11 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.19 0.74 0.00	19.45 0.58 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.16 0.97 0.00	20.26 1.06 0.00	18.36 0.86 0.00	18.30 0.80 0.00	18.82 0.83 0.00	20.95 0.98 0.00	22.61 1.32 0.00	26.07 2.06 0.00	25.83 2.09 0.00	22.73 1.95 0.00	21.30 1.88 0.00	19.87 1.56 0.00	19.01 1.38 0.00	17.91 1.42 0.00	17.82 1.35 0.00	18.25 1.29 0.00	19.24 1.43 0.00	23.89 1.67 0.00	27.47 2.15 0.00	31.16 2.60 0.00	28.80 2.52 0.00	26.63 2.30 -1.27	23.12 2.05 -0.62	20.58 1.72 0.00
DELAWARE___LFGE 323621	20.65 0.46 0.00	19.63 0.42 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.39 0.40 0.00	20.43 0.46 0.00	21.83 0.53 0.00	24.65 0.65 0.00	24.38 0.64 0.00	21.34 0.56 0.00	19.94 0.52 0.00	18.79 0.48 0.00	18.09 0.46 0.00	16.91 0.41 0.00	16.86 0.40 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.78 0.56 0.00	25.97 0.66 0.00	29.28 0.71 0.00	26.99 0.71 0.00	23.69 0.65 0.00	21.03 0.57 0.00	19.37 0.51 0.00
DERFIELD_115KV_TB7 355931	20.21 0.02 0.00	19.22 0.02 0.00	17.52 0.02 0.00	17.51 0.02 0.00	18.01 0.02 0.00	19.99 0.02 0.00	21.32 0.02 0.00	24.05 0.05 0.00	23.78 0.05 0.00	20.82 0.04 0.00	19.46 0.04 0.00	18.35 0.04 0.00	17.67 0.04 0.00	16.53 0.03 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.85 0.04 0.00	22.27 0.04 0.00	25.37 0.05 0.00	28.62 0.06 0.00	26.36 0.08 0.00	23.10 0.05 0.00	20.49 0.04 0.00	18.90 0.04 0.00
DOGLEVILLE___HYD 23807	20.53 0.34 0.00	19.51 0.31 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.46 0.45 0.00	24.16 0.43 0.00	21.15 0.37 0.00	19.77 0.35 0.00	18.62 0.31 0.00	17.93 0.30 0.00	16.76 0.26 0.00	16.71 0.25 0.00	17.22 0.25 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.77 0.46 0.00	29.10 0.54 0.00	26.80 0.53 0.00	23.46 0.42 0.00	20.80 0.35 0.00	19.18 0.32 0.00
DUNKIRK___115KV_TB_200 55889	20.13 -0.06 0.00	18.99 -0.21 0.00	17.42 -0.09 0.00	17.35 -0.14 0.00	17.85 -0.14 0.00	19.67 -0.30 0.00	20.91 -0.38 0.00	22.85 -1.15 0.00	22.38 -1.35 0.00	19.84 -0.93 0.00	18.62 -0.80 0.00	17.54 -0.77 0.00	16.84 -0.79 0.00	15.55 -0.94 0.00	15.35 -1.12 0.00	16.00 -0.97 0.00	16.79 -1.03 0.00	20.38 -1.84 0.00	22.96 -2.35 0.00	25.45 -3.11 0.00	23.31 -2.97 0.00	21.02 -2.03 0.00	18.90 -1.55 0.00	17.84 -1.02 0.00
DUNKIRK___1 23563	20.13 -0.06 0.00	18.99 -0.21 0.00	17.42 -0.09 0.00	17.35 -0.14 0.00	17.85 -0.14 0.00	19.67 -0.30 0.00	20.91 -0.38 0.00	22.85 -1.15 0.00	22.38 -1.35 0.00	19.84 -0.93 0.00	18.62 -0.80 0.00	17.54 -0.77 0.00	16.84 -0.79 0.00	15.55 -0.94 0.00	15.35 -1.12 0.00	16.00 -0.97 0.00	16.79 -1.03 0.00	20.38 -1.84 0.00	22.96 -2.35 0.00	25.45 -3.11 0.00	23.31 -2.97 0.00	21.02 -2.03 0.00	18.90 -1.55 0.00	17.84 -1.02 0.00
DUNKIRK___2 23564	20.13 -0.06 0.00	18.99 -0.21 0.00	17.42 -0.09 0.00	17.35 -0.14 0.00	17.85 -0.14 0.00	19.67 -0.30 0.00	20.91 -0.38 0.00	22.85 -1.15 0.00	22.38 -1.35 0.00	19.84 -0.93 0.00	18.62 -0.80 0.00	17.54 -0.77 0.00	16.84 -0.79 0.00	15.55 -0.94 0.00	15.35 -1.12 0.00	16.00 -0.97 0.00	16.79 -1.03 0.00	20.38 -1.84 0.00	22.96 -2.35 0.00	25.45 -3.11 0.00	23.31 -2.97 0.00	21.02 -2.03 0.00	18.90 -1.55 0.00	17.84 -1.02 0.00
DUNKIRK___3 23565	20.05 -0.14 0.00	18.94 -0.27 0.00	17.37 -0.14 0.00	17.30 -0.19 0.00	17.79 -0.20 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	22.83 -1.18 0.00	22.38 -1.35 0.00	19.84 -0.93 0.00	18.62 -0.80 0.00	17.56 -0.75 0.00	16.86 -0.78 0.00	15.59 -0.91 0.00	15.40 -1.07 0.00	16.03 -0.93 0.00	16.84 -0.98 0.00	20.45 -1.78 0.00	23.04 -2.28 0.00	25.54 -3.03 0.00	23.41 -2.86 0.00	21.11 -1.94 0.00	18.96 -1.49 0.00	17.88 -0.98 0.00
DUNKIRK___4 23566	20.05 -0.14 0.00	18.94 -0.27 0.00	17.37 -0.14 0.00	17.30 -0.19 0.00	17.79 -0.20 0.00	19.59 -0.38 0.00	20.85 -0.45 0.00	22.75 -1.25 0.00	22.31 -1.42 0.00	19.78 -1.00 0.00	18.58 -0.84 0.00	17.51 -0.81 0.00	16.80 -0.83 0.00	15.52 -0.97 0.00	15.33 -1.14 0.00	15.98 -0.98 0.00	16.77 -1.05 0.00	20.36 -1.87 0.00	22.93 -2.38 0.00	25.42 -3.14 0.00	23.28 -3.00 0.00	21.00 -2.05 0.00	18.88 -1.57 0.00	17.81 -1.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.73 0.55 0.00	19.68 0.48 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.39 0.40 0.00	20.47 0.50 0.00	22.00 0.70 0.00	25.01 1.01 0.00	24.78 1.04 0.00	21.69 0.91 0.00	20.31 0.89 0.00	19.15 0.84 0.00	18.51 0.88 0.00	17.37 0.87 0.00	17.34 0.87 0.00	17.81 0.85 0.00	18.71 0.89 0.00	23.40 1.18 0.00	26.66 1.34 0.00	30.25 1.69 0.00	27.83 1.55 0.00	24.32 1.27 0.00	21.58 1.12 0.00	19.79 0.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.63 0.44 0.00	19.59 0.38 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.30 0.31 0.00	20.37 0.40 0.00	21.87 0.57 0.00	24.79 0.79 0.00	24.61 0.88 0.00	21.53 0.75 0.00	20.10 0.68 0.00	18.95 0.64 0.00	18.28 0.65 0.00	17.15 0.66 0.00	17.12 0.66 0.00	17.61 0.64 0.00	18.50 0.68 0.00	23.14 0.91 0.00	26.40 1.09 0.00	29.93 1.37 0.00	27.54 1.26 0.00	24.09 1.04 0.00	21.39 0.94 0.00	19.64 0.77 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.85 0.67 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.49 0.52 0.00	22.00 0.70 0.00	25.03 1.03 0.00	24.83 1.09 0.00	21.71 0.93 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.90 0.93 0.00	18.76 0.94 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.48 1.91 0.00	27.99 1.71 0.00	24.36 1.31 0.00	21.70 1.25 0.00	19.90 1.04 0.00
E179THST_13_KV_LOAD 356214	20.93 0.75 0.00	19.88 0.67 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.55 0.56 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.73 1.09 0.00	17.62 1.12 0.00	17.58 1.12 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.63 1.40 0.00	26.91 1.59 0.00	30.59 2.03 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.78 1.33 0.00	19.98 1.11 0.00
EAST HAMPTON___GT 23717	21.32 1.13 0.00	20.45 1.25 0.00	18.54 1.03 0.00	18.47 0.98 0.00	19.00 1.01 0.00	21.15 1.18 0.00	22.57 1.28 0.00	26.14 2.14 0.00	25.75 2.02 0.00	22.77 1.99 0.00	21.27 1.85 0.00	19.90 1.59 0.00	19.02 1.39 0.00	17.93 1.43 0.00	17.78 1.32 0.00	18.22 1.26 0.00	19.10 1.28 0.00	24.03 1.80 0.00	27.64 2.33 0.00	31.31 2.74 0.00	28.99 2.71 0.00	26.79 2.47 -1.27	23.26 2.19 -0.62	20.69 1.83 0.00
EAST RIVER___6 23660	20.75 0.56 0.00	19.66 0.46 0.00	17.88 0.37 0.00	17.86 0.37 0.00	18.37 0.38 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.25 0.83 0.00	19.12 0.80 0.00	18.60 0.97 0.00	17.35 0.86 0.00	17.34 0.87 0.00	17.85 0.88 0.00	18.66 0.84 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
EAST RIVER___7 23524	20.75 0.56 0.00	19.66 0.46 0.00	17.88 0.37 0.00	17.86 0.37 0.00	18.37 0.38 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.25 0.83 0.00	19.12 0.80 0.00	18.60 0.97 0.00	17.35 0.86 0.00	17.34 0.87 0.00	17.85 0.88 0.00	18.66 0.84 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.71 0.52 0.00	19.66 0.46 0.00	17.87 0.37 0.00	17.86 0.37 0.00	18.35 0.36 0.00	20.43 0.46 0.00	21.95 0.66 0.00	24.96 0.96 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.27 0.85 0.00	19.12 0.81 0.00	18.48 0.85 0.00	17.34 0.84 0.00	17.31 0.84 0.00	17.78 0.81 0.00	18.67 0.86 0.00	23.36 1.13 0.00	26.61 1.29 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.56 1.10 0.00	19.75 0.89 0.00
EAST_HAMPTON___DIESEL 23722	21.32 1.13 0.00	20.45 1.25 0.00	18.54 1.03 0.00	18.47 0.98 0.00	19.00 1.01 0.00	21.15 1.18 0.00	22.57 1.28 0.00	26.14 2.14 0.00	25.75 2.02 0.00	22.77 1.99 0.00	21.27 1.85 0.00	19.90 1.59 0.00	19.02 1.39 0.00	17.93 1.43 0.00	17.78 1.32 0.00	18.22 1.26 0.00	19.10 1.28 0.00	24.03 1.80 0.00	27.62 2.30 0.00	31.31 2.74 0.00	28.99 2.71 0.00	26.79 2.47 -1.27	23.26 2.19 -0.62	20.69 1.83 0.00
EAST_PULASKI___ESR 323781	20.03 -0.16 0.00	19.03 -0.17 0.00	17.37 -0.14 0.00	17.33 -0.16 0.00	17.84 -0.14 0.00	19.81 -0.16 0.00	21.08 -0.21 0.00	23.71 -0.29 0.00	23.38 -0.36 0.00	20.49 -0.29 0.00	19.15 -0.27 0.00	17.98 -0.33 0.00	17.28 -0.35 0.00	16.15 -0.35 0.00	16.10 -0.36 0.00	16.61 -0.36 0.00	17.44 -0.38 0.00	21.67 -0.55 0.00	24.73 -0.58 0.00	27.88 -0.69 0.00	25.68 -0.60 0.00	22.61 -0.44 0.00	20.06 -0.39 0.00	18.54 -0.32 0.00
EAST_RIVER___1 323558	20.77 0.59 0.00	19.70 0.50 0.00	17.89 0.38 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	21.93 0.64 0.00	24.99 0.98 0.00	24.76 1.02 0.00	21.61 0.83 0.00	20.25 0.83 0.00	19.14 0.82 0.00	18.60 0.97 0.00	17.35 0.86 0.00	17.34 0.87 0.00	17.83 0.86 0.00	18.67 0.86 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.81 0.94 0.00
EAST_RIVER___2 323559	20.75 0.56 0.00	19.66 0.46 0.00	17.88 0.37 0.00	17.86 0.37 0.00	18.37 0.38 0.00	20.47 0.50 0.00	21.89 0.60 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.25 0.83 0.00	19.12 0.80 0.00	18.60 0.97 0.00	17.35 0.86 0.00	17.34 0.87 0.00	17.85 0.88 0.00	18.66 0.84 0.00	23.56 1.33 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.79 0.92 0.00
EAST___DELAWARE_HYD 23607	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	18.02 0.52 0.00	18.51 0.52 0.00	20.61 0.64 0.00	22.02 0.72 0.00	24.99 0.98 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.14 0.72 0.00	18.99 0.68 0.00	18.37 0.74 0.00	17.17 0.68 0.00	17.14 0.68 0.00	17.64 0.68 0.00	18.51 0.69 0.00	23.31 1.09 0.00	26.66 1.34 0.00	30.25 1.68 0.00	27.86 1.58 0.00	24.34 1.29 0.00	21.62 1.17 0.00	19.79 0.92 0.00
EIGHT_POINT___WT_PWR 323820	21.24 1.05 0.00	20.14 0.94 0.00	18.38 0.87 0.00	18.35 0.86 0.00	18.94 0.95 0.00	21.01 1.04 0.00	22.49 1.19 0.00	25.20 1.20 0.00	24.66 0.92 0.00	21.71 0.94 0.00	20.27 0.85 0.00	19.06 0.75 0.00	18.14 0.51 0.00	16.87 0.38 0.00	16.73 0.26 0.00	17.18 0.22 0.00	18.17 0.36 0.00	22.49 0.27 0.00	25.79 0.48 0.00	28.93 0.37 0.00	26.62 0.34 0.00	23.42 0.37 0.00	20.72 0.27 0.00	19.05 0.19 0.00
ELBRIDGE_115KV_TB2 80188	20.23 0.04 0.00	19.22 0.02 0.00	17.54 0.04 0.00	17.51 0.02 0.00	18.04 0.05 0.00	20.01 0.04 0.00	21.25 -0.04 0.00	23.91 -0.10 0.00	23.57 -0.17 0.00	20.67 -0.10 0.00	19.30 -0.12 0.00	18.20 -0.11 0.00	17.53 -0.11 0.00	16.36 -0.13 0.00	16.32 -0.15 0.00	16.84 -0.12 0.00	17.69 -0.12 0.00	21.98 -0.24 0.00	25.01 -0.30 0.00	28.13 -0.43 0.00	25.94 -0.34 0.00	22.82 -0.23 0.00	20.27 -0.18 0.00	18.75 -0.11 0.00
ELEC_TRO_TEK 24086	20.87 0.69 0.00	19.86 0.65 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.17 0.87 0.00	25.27 1.27 0.00	25.07 1.33 0.00	21.92 1.14 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.60 0.97 0.00	17.48 0.99 0.00	17.40 0.94 0.00	17.88 0.92 0.00	18.80 0.98 0.00	23.54 1.31 0.00	26.91 1.59 0.00	30.45 1.89 0.00	28.09 1.81 0.00	25.91 1.59 -1.27	22.51 1.43 -0.62	20.05 1.19 0.00
ELLENBURG_WT_PWR 323604	20.25 0.06 0.00	19.32 0.12 0.00	17.59 0.09 0.00	17.60 0.11 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.40 0.11 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.94 0.17 0.00	19.56 0.14 0.00	18.33 0.02 0.00	17.58 -0.05 0.00	16.43 -0.07 0.00	16.45 -0.02 0.00	16.95 -0.02 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.41 0.13 0.00	23.10 0.05 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.74 -0.44 0.00	18.65 -0.56 0.00	17.09 -0.42 0.00	17.02 -0.47 0.00	17.50 -0.49 0.00	19.29 -0.68 0.00	20.46 -0.83 0.00	22.35 -1.66 0.00	21.88 -1.85 0.00	19.43 -1.35 0.00	18.25 -1.17 0.00	17.25 -1.06 0.00	16.59 -1.04 0.00	15.32 -1.17 0.00	15.15 -1.32 0.00	15.79 -1.17 0.00	16.57 -1.25 0.00	20.09 -2.13 0.00	22.61 -2.71 0.00	25.02 -3.54 0.00	22.97 -3.31 0.00	20.72 -2.33 0.00	18.63 -1.82 0.00	17.60 -1.26 0.00
EMPIRE_CC_1 323656	20.31 0.12 0.00	19.34 0.14 0.00	17.63 0.12 0.00	17.63 0.14 0.00	18.10 0.11 0.00	20.11 0.14 0.00	21.38 0.09 0.00	24.17 0.17 0.00	23.95 0.21 0.00	20.88 0.10 0.00	19.52 0.10 0.00	18.50 0.18 0.00	17.88 0.25 0.00	16.74 0.25 0.00	16.73 0.26 0.00	17.23 0.27 0.00	18.09 0.27 0.00	22.63 0.40 0.00	25.74 0.43 0.00	29.08 0.51 0.00	26.86 0.58 0.00	23.44 0.39 0.00	20.84 0.39 0.00	19.22 0.36 0.00
EMPIRE_CC_2 323658	20.31 0.12 0.00	19.34 0.14 0.00	17.63 0.12 0.00	17.63 0.14 0.00	18.10 0.11 0.00	20.11 0.14 0.00	21.38 0.09 0.00	24.17 0.17 0.00	23.95 0.21 0.00	20.88 0.10 0.00	19.52 0.10 0.00	18.50 0.18 0.00	17.88 0.25 0.00	16.74 0.25 0.00	16.73 0.26 0.00	17.23 0.27 0.00	18.09 0.27 0.00	22.63 0.40 0.00	25.74 0.43 0.00	29.08 0.51 0.00	26.86 0.58 0.00	23.44 0.39 0.00	20.84 0.39 0.00	19.22 0.36 0.00
ENORWICH_115KV_TB1 80156	21.96 1.78 0.00	20.82 1.61 0.00	19.05 1.54 0.00	18.98 1.49 0.00	19.59 1.60 0.00	21.75 1.78 0.00	23.17 1.87 0.00	26.14 2.14 0.00	25.71 1.97 0.00	22.44 1.66 0.00	20.82 1.40 0.00	19.47 1.15 0.00	18.67 1.04 0.00	17.35 0.86 0.00	17.29 0.82 0.00	17.95 0.98 0.00	18.87 1.05 0.00	23.67 1.44 0.00	27.14 1.82 0.00	30.45 1.89 0.00	28.17 1.89 0.00	24.78 1.73 0.00	21.92 1.47 0.00	20.20 1.34 0.00
ERIE_ST__34_KV_TB1-2 80199	20.21 0.02 0.00	19.07 -0.13 0.00	17.49 -0.02 0.00	17.42 -0.07 0.00	17.92 -0.07 0.00	19.75 -0.22 0.00	21.02 -0.28 0.00	22.95 -1.06 0.00	22.50 -1.23 0.00	19.97 -0.81 0.00	18.76 -0.66 0.00	17.69 -0.62 0.00	17.02 -0.62 0.00	15.72 -0.78 0.00	15.53 -0.94 0.00	16.20 -0.76 0.00	17.00 -0.82 0.00	20.65 -1.58 0.00	23.26 -2.05 0.00	25.79 -2.77 0.00	23.65 -2.63 0.00	21.30 -1.75 0.00	19.14 -1.31 0.00	18.05 -0.81 0.00
ERIE_WT_PWR 323693	19.92 -0.26 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.18 -0.31 0.00	17.67 -0.32 0.00	19.45 -0.52 0.00	20.61 -0.68 0.00	22.18 -1.83 0.00	21.74 -1.99 0.00	19.51 -1.27 0.00	18.45 -0.97 0.00	17.47 -0.84 0.00	16.47 -1.16 0.00	15.49 -1.01 0.00	15.31 -1.15 0.00	15.86 -1.10 0.00	16.75 -1.07 0.00	20.05 -2.18 0.00	22.81 -2.51 0.00	25.31 -3.26 0.00	23.18 -3.10 0.00	20.93 -2.12 0.00	18.80 -1.66 0.00	17.65 -1.21 0.00
ESPRGFLD_115KV_TB1 80157	20.85 0.67 0.00	19.82 0.61 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.58 0.59 0.00	20.65 0.68 0.00	22.04 0.75 0.00	24.87 0.86 0.00	24.59 0.85 0.00	21.50 0.73 0.00	20.06 0.64 0.00	18.83 0.51 0.00	18.09 0.46 0.00	16.89 0.40 0.00	16.84 0.38 0.00	17.37 0.41 0.00	18.28 0.46 0.00	22.89 0.67 0.00	26.15 0.84 0.00	29.53 0.97 0.00	27.25 0.97 0.00	23.95 0.90 0.00	21.19 0.74 0.00	19.52 0.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.75 0.57 0.00	19.70 0.50 0.00	17.96 0.46 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.21 0.47 0.00	21.21 0.44 0.00	19.77 0.35 0.00	18.59 0.27 0.00	17.88 0.25 0.00	16.66 0.16 0.00	16.61 0.15 0.00	17.17 0.20 0.00	18.07 0.25 0.00	22.49 0.27 0.00	25.67 0.35 0.00	28.85 0.29 0.00	26.62 0.34 0.00	23.42 0.37 0.00	20.80 0.35 0.00	19.20 0.34 0.00
ETNA____115KV_TB2 80207	20.75 0.57 0.00	19.70 0.50 0.00	17.96 0.46 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.21 0.47 0.00	21.21 0.44 0.00	19.77 0.35 0.00	18.59 0.27 0.00	17.88 0.25 0.00	16.66 0.16 0.00	16.61 0.15 0.00	17.17 0.20 0.00	18.07 0.25 0.00	22.49 0.27 0.00	25.67 0.35 0.00	28.85 0.29 0.00	26.62 0.34 0.00	23.42 0.37 0.00	20.80 0.35 0.00	19.20 0.34 0.00
EUCLID____115KV_TB2 356179	20.07 -0.12 0.00	19.07 -0.13 0.00	17.40 -0.11 0.00	17.37 -0.12 0.00	17.88 -0.11 0.00	19.83 -0.14 0.00	21.06 -0.23 0.00	23.67 -0.34 0.00	23.33 -0.40 0.00	20.49 -0.29 0.00	19.15 -0.27 0.00	18.06 -0.26 0.00	17.40 -0.23 0.00	16.25 -0.25 0.00	16.20 -0.26 0.00	16.71 -0.25 0.00	17.55 -0.27 0.00	21.80 -0.42 0.00	24.81 -0.51 0.00	27.91 -0.66 0.00	25.73 -0.55 0.00	22.63 -0.41 0.00	20.10 -0.35 0.00	18.58 -0.28 0.00
E_CANADA_CAP_HY 24051	20.83 0.65 0.00	19.82 0.61 0.00	18.08 0.58 0.00	18.02 0.52 0.00	18.57 0.58 0.00	20.65 0.68 0.00	21.98 0.68 0.00	24.77 0.77 0.00	24.45 0.71 0.00	21.34 0.56 0.00	19.87 0.45 0.00	18.68 0.37 0.00	17.93 0.30 0.00	16.74 0.25 0.00	16.71 0.25 0.00	17.23 0.27 0.00	18.16 0.34 0.00	22.85 0.62 0.00	26.10 0.79 0.00	29.56 1.00 0.00	27.25 0.97 0.00	23.97 0.92 0.00	21.19 0.74 0.00	19.50 0.64 0.00
E_CANADA_MHWK_HY 24050	20.53 0.34 0.00	19.51 0.31 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.46 0.45 0.00	24.16 0.43 0.00	21.15 0.37 0.00	19.77 0.35 0.00	18.62 0.31 0.00	17.93 0.30 0.00	16.76 0.26 0.00	16.71 0.25 0.00	17.22 0.25 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.77 0.46 0.00	29.10 0.54 0.00	26.80 0.53 0.00	23.46 0.42 0.00	20.80 0.35 0.00	19.18 0.32 0.00
E_FISHKILL__LBMP 23776	20.57 0.38 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.79 0.30 0.00	18.28 0.29 0.00	20.33 0.36 0.00	21.83 0.53 0.00	24.77 0.77 0.00	24.54 0.81 0.00	21.46 0.69 0.00	20.10 0.68 0.00	18.97 0.66 0.00	18.32 0.69 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.51 0.69 0.00	23.16 0.93 0.00	26.38 1.06 0.00	29.91 1.34 0.00	27.51 1.24 0.00	24.04 0.99 0.00	21.35 0.90 0.00	19.62 0.75 0.00
FALCON__SEABRD_CC1 323796	20.49 0.30 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.32 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.41 0.41 0.00	24.24 0.50 0.00	21.19 0.42 0.00	19.79 0.37 0.00	18.55 0.24 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.13 0.17 0.00	18.05 0.23 0.00	22.67 0.44 0.00	25.90 0.58 0.00	29.25 0.68 0.00	26.70 0.42 0.00	23.37 0.32 0.00	20.62 0.16 0.00	18.94 0.08 0.00
FALCON__SEABRD_CC2 323797	20.49 0.30 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.32 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.41 0.41 0.00	24.24 0.50 0.00	21.19 0.42 0.00	19.79 0.37 0.00	18.55 0.24 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.13 0.17 0.00	18.05 0.23 0.00	22.67 0.44 0.00	25.90 0.58 0.00	29.25 0.68 0.00	26.70 0.42 0.00	23.37 0.32 0.00	20.62 0.16 0.00	18.94 0.08 0.00

FAR ROCKAWAY___4 23548	21.12 0.93 0.00	20.09 0.88 0.00	18.21 0.70 0.00	18.17 0.68 0.00	18.67 0.68 0.00	20.81 0.84 0.00	22.40 1.11 0.00	25.51 1.51 0.00	25.33 1.59 0.00	22.13 1.35 0.00	20.74 1.32 0.00	19.47 1.15 0.00	18.76 1.13 0.00	17.62 1.12 0.00	17.54 1.07 0.00	18.03 1.07 0.00	18.96 1.14 0.00	23.76 1.53 0.00	27.19 1.87 0.00	30.79 2.23 0.00	28.41 2.13 0.00	26.19 1.87 -1.27	22.77 1.70 -0.62	20.28 1.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.53 0.56 0.00	22.06 0.77 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.80 1.02 0.00	20.43 1.01 0.00	19.28 0.97 0.00	18.67 1.04 0.00	17.50 1.01 0.00	17.47 1.00 0.00	17.95 0.98 0.00	18.83 1.02 0.00	23.56 1.33 0.00	26.83 1.52 0.00	30.48 1.91 0.00	28.01 1.73 0.00	24.43 1.38 0.00	21.70 1.25 0.00	19.86 1.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.53 0.56 0.00	22.06 0.77 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.80 1.02 0.00	20.43 1.01 0.00	19.28 0.97 0.00	18.67 1.04 0.00	17.50 1.01 0.00	17.47 1.00 0.00	17.95 0.98 0.00	18.83 1.02 0.00	23.56 1.33 0.00	26.83 1.52 0.00	30.48 1.91 0.00	28.01 1.73 0.00	24.43 1.38 0.00	21.70 1.25 0.00	19.86 1.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.68 1.23 0.00	19.84 0.98 0.00
FARRAGUT___LBMP 323566	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.41 0.99 0.00	19.25 0.93 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00
FENNER___WINDPWR 24204	20.63 0.44 0.00	19.61 0.40 0.00	17.89 0.38 0.00	17.84 0.35 0.00	18.38 0.40 0.00	20.39 0.42 0.00	21.74 0.45 0.00	24.48 0.48 0.00	24.14 0.40 0.00	21.15 0.37 0.00	19.77 0.35 0.00	18.59 0.28 0.00	17.86 0.23 0.00	16.66 0.16 0.00	16.61 0.15 0.00	17.13 0.17 0.00	18.03 0.21 0.00	22.45 0.22 0.00	25.62 0.30 0.00	28.85 0.29 0.00	26.60 0.32 0.00	23.37 0.32 0.00	20.74 0.29 0.00	19.13 0.26 0.00
FIBERTEK___ENERGY 23856	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00
FITZPATRICK___ 23598	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	19.01 -0.41 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.54 -0.69 0.00	24.53 -0.78 0.00	27.62 -0.94 0.00	25.41 -0.87 0.00	22.36 -0.69 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	21.04 0.85 0.00	20.09 0.88 0.00	18.19 0.68 0.00	18.14 0.65 0.00	18.64 0.65 0.00	20.75 0.78 0.00	22.38 1.09 0.00	25.66 1.66 0.00	25.45 1.71 0.00	22.29 1.52 0.00	20.90 1.48 0.00	19.56 1.25 0.00	18.78 1.15 0.00	17.70 1.20 0.00	17.62 1.15 0.00	18.07 1.10 0.00	19.03 1.21 0.00	23.78 1.56 0.00	27.29 1.97 0.00	30.85 2.29 0.00	28.51 2.23 0.00	26.35 2.03 -1.27	22.87 1.80 -0.62	20.37 1.51 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.77 0.59 0.00	19.74 0.54 0.00	17.94 0.44 0.00	17.95 0.45 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.02 0.72 0.00	24.99 0.98 0.00	24.80 1.07 0.00	21.67 0.89 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.37 0.74 0.00	17.24 0.74 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.29 1.07 0.00	26.58 1.27 0.00	30.16 1.60 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.54 1.08 0.00	19.77 0.91 0.00
FORT ORANGE___ 23900	20.65 0.46 0.00	19.65 0.44 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.38 0.40 0.00	20.45 0.48 0.00	21.78 0.49 0.00	24.60 0.60 0.00	24.35 0.62 0.00	21.23 0.46 0.00	19.81 0.39 0.00	18.71 0.40 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.92 0.69 0.00	26.10 0.79 0.00	29.54 0.97 0.00	27.22 0.94 0.00	23.81 0.76 0.00	21.11 0.65 0.00	19.47 0.60 0.00
FORT_DRUM_COGEN 23780	20.01 -0.18 0.00	19.01 -0.19 0.00	17.35 -0.16 0.00	17.32 -0.17 0.00	17.85 -0.14 0.00	19.81 -0.16 0.00	21.06 -0.23 0.00	23.74 -0.26 0.00	23.40 -0.33 0.00	20.38 -0.39 0.00	18.91 -0.50 0.00	17.60 -0.71 0.00	16.93 -0.71 0.00	15.75 -0.74 0.00	15.67 -0.79 0.00	16.20 -0.76 0.00	17.07 -0.75 0.00	21.51 -0.71 0.00	24.73 -0.58 0.00	27.88 -0.69 0.00	25.73 -0.55 0.00	22.57 -0.48 0.00	19.94 -0.51 0.00	18.35 -0.51 0.00
FOX_HILLS___ESR 323835	20.97 0.79 0.00	19.86 0.65 0.00	18.03 0.53 0.00	18.00 0.51 0.00	18.55 0.56 0.00	20.61 0.64 0.00	22.10 0.81 0.00	25.13 1.13 0.00	24.90 1.16 0.00	21.77 1.00 0.00	20.43 1.01 0.00	19.28 0.97 0.00	18.73 1.09 0.00	17.53 1.04 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.65 1.42 0.00	26.96 1.65 0.00	30.68 2.11 0.00	28.17 1.89 0.00	24.52 1.48 0.00	21.82 1.37 0.00	19.99 1.13 0.00
FPL_FAR_ROCK_GT1 24212	21.12 0.93 0.00	20.09 0.88 0.00	18.21 0.70 0.00	18.17 0.68 0.00	18.67 0.68 0.00	20.81 0.84 0.00	22.23 0.94 0.00	25.39 1.39 0.00	25.11 1.38 0.00	21.98 1.20 0.00	20.57 1.15 0.00	19.32 1.01 0.00	18.69 1.06 0.00	17.50 1.01 0.00	17.44 0.97 0.00	17.93 0.97 0.00	18.80 0.98 0.00	23.78 1.56 0.00	27.19 1.87 0.00	30.76 2.20 0.00	28.43 2.16 0.00	26.19 1.87 -1.27	22.75 1.68 -0.62	20.24 1.38 0.00
FPL_FAR_ROCK_GT2 23815	21.12 0.93 0.00	20.09 0.88 0.00	18.21 0.70 0.00	18.17 0.68 0.00	18.67 0.68 0.00	20.81 0.84 0.00	22.23 0.94 0.00	25.39 1.39 0.00	25.11 1.38 0.00	21.98 1.20 0.00	20.57 1.15 0.00	19.32 1.01 0.00	18.69 1.06 0.00	17.50 1.01 0.00	17.44 0.97 0.00	17.93 0.97 0.00	18.80 0.98 0.00	23.78 1.56 0.00	27.19 1.87 0.00	30.76 2.20 0.00	28.43 2.16 0.00	26.19 1.87 -1.27	22.75 1.68 -0.62	20.24 1.38 0.00

FRANKLIN_FALL_HYD 24054	20.11 -0.08 0.00	19.30 0.10 0.00	17.47 -0.04 0.00	17.58 0.09 0.00	18.06 0.07 0.00	20.09 0.12 0.00	21.57 0.28 0.00	24.27 0.26 0.00	24.28 0.55 0.00	21.13 0.35 0.00	19.67 0.25 0.00	18.33 0.02 0.00	17.44 -0.19 0.00	16.30 -0.20 0.00	16.40 -0.07 0.00	16.88 -0.08 0.00	17.80 -0.02 0.00	22.38 0.16 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.36 0.08 0.00	23.05 0.00 0.00	20.33 -0.12 0.00	18.66 -0.21 0.00
FREEPORT_EQUS_GT1 23764	21.00 0.81 0.00	19.99 0.79 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.30 1.30 0.00	24.99 1.26 0.00	21.90 1.12 0.00	20.51 1.09 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.39 0.92 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.62 2.06 0.00	28.30 2.02 0.00	26.10 1.77 -1.27	22.65 1.57 -0.62	20.15 1.28 0.00
FREEPORT___CT2 23818	21.00 0.81 0.00	19.99 0.79 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.30 1.30 0.00	24.99 1.26 0.00	21.90 1.12 0.00	20.51 1.09 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.39 0.92 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.62 2.06 0.00	28.30 2.02 0.00	26.10 1.77 -1.27	22.65 1.57 -0.62	20.15 1.28 0.00
FRESHKLS_33_KV_LOAD 356253	21.06 0.87 0.00	19.93 0.73 0.00	18.08 0.58 0.00	18.05 0.56 0.00	18.60 0.61 0.00	20.65 0.68 0.00	22.10 0.81 0.00	25.11 1.10 0.00	24.83 1.09 0.00	21.69 0.91 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.69 1.06 0.00	17.48 0.99 0.00	17.47 1.00 0.00	17.93 0.97 0.00	18.80 0.98 0.00	23.60 1.38 0.00	26.96 1.65 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.55 1.50 0.00	21.84 1.39 0.00	20.05 1.19 0.00
FULTON COGEN____ 23766	20.03 -0.16 0.00	19.03 -0.17 0.00	17.37 -0.14 0.00	17.32 -0.17 0.00	17.85 -0.14 0.00	19.79 -0.18 0.00	21.00 -0.30 0.00	23.64 -0.36 0.00	23.29 -0.45 0.00	20.42 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.31 0.00	17.33 -0.30 0.00	16.20 -0.30 0.00	16.14 -0.33 0.00	16.64 -0.32 0.00	17.48 -0.34 0.00	21.74 -0.49 0.00	24.76 -0.56 0.00	27.88 -0.69 0.00	25.67 -0.60 0.00	22.59 -0.46 0.00	20.06 -0.39 0.00	18.54 -0.32 0.00
FULTON___LFGE 323630	21.72 1.53 0.00	20.63 1.42 0.00	18.86 1.35 0.00	18.75 1.26 0.00	19.34 1.35 0.00	21.55 1.58 0.00	22.93 1.64 0.00	25.80 1.80 0.00	25.45 1.71 0.00	22.15 1.37 0.00	20.55 1.13 0.00	19.26 0.95 0.00	18.39 0.76 0.00	17.17 0.68 0.00	17.14 0.75 0.00	17.71 0.89 0.00	18.71 0.89 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.76 2.20 0.00	28.41 2.13 0.00	24.99 1.94 0.00	21.97 1.51 0.00	20.24 1.38 0.00
G.F.CEMENT___DRP 24184	20.83 0.65 0.00	19.80 0.60 0.00	18.07 0.56 0.00	18.02 0.52 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.08 0.79 0.00	24.94 0.94 0.00	24.66 0.93 0.00	21.46 0.69 0.00	20.00 0.58 0.00	18.84 0.53 0.00	18.07 0.44 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.34 0.37 0.00	18.28 0.46 0.00	23.00 0.78 0.00	26.23 0.91 0.00	29.73 1.17 0.00	27.41 1.13 0.00	23.99 0.95 0.00	21.19 0.74 0.00	19.56 0.70 0.00
GARDENVILLE___LBMP 24039	19.82 -0.36 0.00	18.72 -0.48 0.00	17.17 -0.33 0.00	17.09 -0.40 0.00	17.58 -0.41 0.00	19.37 -0.60 0.00	20.57 -0.72 0.00	22.47 -1.54 0.00	22.00 -1.73 0.00	19.53 -1.25 0.00	18.35 -1.07 0.00	17.32 -0.99 0.00	16.66 -0.97 0.00	15.39 -1.11 0.00	15.20 -1.27 0.00	15.86 -1.10 0.00	16.64 -1.18 0.00	20.18 -2.04 0.00	22.71 -2.61 0.00	25.16 -3.40 0.00	23.07 -3.21 0.00	20.81 -2.24 0.00	18.71 -1.74 0.00	17.67 -1.19 0.00
GARDNVLA_35_KV_LD 355827	19.95 -0.24 0.00	18.84 -0.36 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.68 -0.31 0.00	19.49 -0.48 0.00	20.70 -0.60 0.00	22.59 -1.42 0.00	22.12 -1.61 0.00	19.66 -1.12 0.00	18.47 -0.95 0.00	17.42 -0.90 0.00	16.75 -0.88 0.00	15.47 -1.02 0.00	15.28 -1.19 0.00	15.95 -1.02 0.00	16.73 -1.09 0.00	20.29 -1.93 0.00	22.83 -2.48 0.00	25.31 -3.26 0.00	23.20 -3.07 0.00	20.93 -2.12 0.00	18.80 -1.66 0.00	17.77 -1.09 0.00
GELCKHM___115KV_LOAD 80723	20.15 -0.04 0.00	19.15 -0.06 0.00	17.47 -0.04 0.00	17.44 -0.05 0.00	17.95 -0.04 0.00	19.91 -0.06 0.00	21.14 -0.15 0.00	23.79 -0.22 0.00	23.45 -0.28 0.00	20.57 -0.21 0.00	19.23 -0.19 0.00	18.13 -0.18 0.00	17.47 -0.16 0.00	16.31 -0.18 0.00	16.27 -0.20 0.00	16.78 -0.19 0.00	17.62 -0.20 0.00	21.89 -0.33 0.00	24.91 -0.41 0.00	28.05 -0.51 0.00	25.83 -0.45 0.00	22.73 -0.32 0.00	20.19 -0.27 0.00	18.66 -0.21 0.00
GENERAL___MILLS 23808	19.90 -0.28 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.16 -0.33 0.00	17.65 -0.34 0.00	19.45 -0.52 0.00	20.66 -0.64 0.00	22.54 -1.46 0.00	22.10 -1.64 0.00	19.61 -1.16 0.00	18.41 -1.01 0.00	17.38 -0.93 0.00	16.72 -0.92 0.00	15.46 -1.04 0.00	15.25 -1.22 0.00	15.91 -1.05 0.00	16.70 -1.12 0.00	20.25 -1.98 0.00	22.78 -2.53 0.00	25.25 -3.31 0.00	23.15 -3.13 0.00	20.88 -2.17 0.00	18.78 -1.68 0.00	17.73 -1.13 0.00
GE_PLASTICS___DRP 24183	20.51 0.32 0.00	19.51 0.31 0.00	17.79 0.28 0.00	17.77 0.28 0.00	18.26 0.27 0.00	20.31 0.34 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.26 0.52 0.00	21.19 0.42 0.00	19.81 0.39 0.00	18.72 0.40 0.00	18.00 0.37 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.35 0.39 0.00	18.23 0.41 0.00	22.78 0.56 0.00	25.95 0.63 0.00	29.33 0.77 0.00	27.02 0.74 0.00	23.65 0.60 0.00	20.98 0.53 0.00	19.35 0.49 0.00
GILBOA___1 23756	20.43 0.24 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.19 0.20 0.00	20.21 0.24 0.00	21.57 0.28 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.77 0.35 0.00	18.66 0.35 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.35 0.39 0.00	18.21 0.39 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.35 0.49 0.00
GILBOA___2 23757	20.43 0.24 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.19 0.20 0.00	20.21 0.24 0.00	21.57 0.28 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.77 0.35 0.00	18.66 0.35 0.00	18.05 0.42 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.35 0.39 0.00	18.21 0.39 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.35 0.49 0.00
GILBOA___3 23758	20.41 0.22 0.00	19.40 0.19 0.00	17.68 0.18 0.00	17.67 0.17 0.00	18.17 0.18 0.00	20.17 0.20 0.00	21.53 0.23 0.00	24.31 0.31 0.00	24.04 0.31 0.00	21.03 0.25 0.00	19.65 0.23 0.00	18.55 0.24 0.00	17.90 0.26 0.00	16.74 0.25 0.00	16.71 0.25 0.00	17.20 0.24 0.00	18.07 0.25 0.00	22.60 0.38 0.00	25.74 0.43 0.00	29.08 0.51 0.00	26.78 0.50 0.00	23.46 0.42 0.00	20.82 0.37 0.00	19.18 0.32 0.00

GILBOA____4 23759	20.41 0.22 0.00	19.40 0.19 0.00	17.68 0.18 0.00	17.67 0.17 0.00	18.17 0.18 0.00	20.17 0.20 0.00	21.53 0.23 0.00	24.31 0.31 0.00	24.04 0.31 0.00	21.03 0.25 0.00	19.65 0.23 0.00	18.55 0.24 0.00	17.90 0.26 0.00	16.74 0.25 0.00	16.71 0.25 0.00	17.20 0.24 0.00	18.07 0.25 0.00	22.60 0.38 0.00	25.74 0.43 0.00	29.08 0.51 0.00	26.78 0.50 0.00	23.46 0.42 0.00	20.82 0.37 0.00	19.18 0.32 0.00
GILBOA____ 23599	20.41 0.22 0.00	19.40 0.19 0.00	17.68 0.18 0.00	17.67 0.17 0.00	18.17 0.18 0.00	20.17 0.20 0.00	21.57 0.28 0.00	24.36 0.36 0.00	24.09 0.36 0.00	21.09 0.31 0.00	19.71 0.29 0.00	18.61 0.29 0.00	17.91 0.28 0.00	16.77 0.28 0.00	16.75 0.28 0.00	17.24 0.27 0.00	18.10 0.29 0.00	22.60 0.38 0.00	25.74 0.43 0.00	29.08 0.51 0.00	26.78 0.50 0.00	23.46 0.41 0.00	20.82 0.37 0.00	19.20 0.34 0.00
GINNA____ 23603	18.90 -1.29 0.00	17.92 -1.29 0.00	16.39 -1.12 0.00	16.30 -1.19 0.00	16.84 -1.15 0.00	18.61 -1.36 0.00	19.78 -1.51 0.00	21.94 -2.06 0.00	21.58 -2.16 0.00	19.11 -1.66 0.00	17.96 -1.46 0.00	16.98 -1.34 0.00	16.15 -1.48 0.00	15.14 -1.35 0.00	15.07 -1.40 0.00	15.57 -1.39 0.00	16.38 -1.44 0.00	20.05 -2.18 0.00	22.83 -2.48 0.00	25.56 -3.00 0.00	23.55 -2.73 0.00	20.91 -2.14 0.00	18.57 -1.88 0.00	17.28 -1.58 0.00
GLEN PARK____ 23778	20.07 -0.12 0.00	19.07 -0.13 0.00	17.40 -0.10 0.00	17.35 -0.14 0.00	17.90 -0.09 0.00	19.87 -0.10 0.00	21.15 -0.15 0.00	23.83 -0.17 0.00	23.45 -0.28 0.00	20.44 -0.33 0.00	18.97 -0.45 0.00	17.65 -0.66 0.00	16.94 -0.69 0.00	15.79 -0.71 0.00	15.71 -0.76 0.00	16.23 -0.73 0.00	17.11 -0.71 0.00	21.54 -0.69 0.00	24.78 -0.53 0.00	27.96 -0.60 0.00	25.83 -0.45 0.00	22.66 -0.39 0.00	20.02 -0.43 0.00	18.43 -0.43 0.00
GLENDALE_27_KV_LOAD 356172	20.93 0.75 0.00	19.86 0.65 0.00	18.03 0.53 0.00	18.00 0.51 0.00	18.53 0.54 0.00	20.63 0.66 0.00	22.15 0.85 0.00	25.20 1.20 0.00	24.99 1.26 0.00	21.86 1.08 0.00	20.51 1.09 0.00	19.36 1.04 0.00	18.78 1.15 0.00	17.60 1.11 0.00	17.57 1.10 0.00	18.02 1.05 0.00	18.91 1.09 0.00	23.67 1.44 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.17 1.89 0.00	24.55 1.50 0.00	21.82 1.37 0.00	19.98 1.11 0.00
GLENWOOD_IC_1_G5 23712	20.99 0.81 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.69 0.72 0.00	22.29 1.00 0.00	25.39 1.39 0.00	25.21 1.47 0.00	22.04 1.27 0.00	20.66 1.24 0.00	19.39 1.08 0.00	18.69 1.06 0.00	17.55 1.06 0.00	17.47 1.00 0.00	17.96 1.00 0.00	18.87 1.05 0.00	23.65 1.42 0.00	27.06 1.75 0.00	30.62 2.06 0.00	28.25 1.97 0.00	26.05 1.73 -1.27	22.63 1.55 -0.62	20.16 1.30 0.00
GLENWOOD_IC_2_G1 23688	20.93 0.75 0.00	19.91 0.71 0.00	18.05 0.54 0.00	18.03 0.54 0.00	18.53 0.54 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.20 1.20 0.00	24.92 1.19 0.00	21.82 1.04 0.00	20.43 1.01 0.00	19.19 0.88 0.00	18.58 0.95 0.00	17.40 0.91 0.00	17.34 0.87 0.00	17.81 0.85 0.00	18.69 0.87 0.00	23.60 1.38 0.00	26.98 1.67 0.00	30.53 1.97 0.00	28.20 1.92 0.00	25.98 1.66 -1.27	22.55 1.47 -0.62	20.07 1.21 0.00
GLENWOOD_IC_3_G1 23689	20.93 0.75 0.00	19.91 0.71 0.00	18.05 0.54 0.00	18.03 0.54 0.00	18.53 0.54 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.20 1.20 0.00	24.92 1.19 0.00	21.82 1.04 0.00	20.43 1.01 0.00	19.19 0.88 0.00	18.58 0.95 0.00	17.40 0.91 0.00	17.34 0.87 0.00	17.81 0.85 0.00	18.69 0.87 0.00	23.60 1.38 0.00	26.98 1.67 0.00	30.53 1.97 0.00	28.20 1.92 0.00	25.98 1.66 -1.27	22.55 1.47 -0.62	20.07 1.21 0.00
GLENWOOD____4 23550	20.99 0.81 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.69 0.72 0.00	22.29 1.00 0.00	25.39 1.39 0.00	25.21 1.47 0.00	22.04 1.27 0.00	20.66 1.24 0.00	19.39 1.08 0.00	18.69 1.06 0.00	17.55 1.06 0.00	17.47 1.00 0.00	17.96 1.00 0.00	18.87 1.05 0.00	23.65 1.42 0.00	27.06 1.75 0.00	30.62 2.06 0.00	28.25 1.97 0.00	26.05 1.73 -1.27	22.63 1.55 -0.62	20.16 1.30 0.00
GLENWOOD____5 23614	20.99 0.81 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.69 0.72 0.00	22.29 1.00 0.00	25.39 1.39 0.00	25.21 1.47 0.00	22.04 1.27 0.00	20.66 1.24 0.00	19.39 1.08 0.00	18.69 1.06 0.00	17.55 1.06 0.00	17.47 1.00 0.00	17.96 1.00 0.00	18.87 1.05 0.00	23.65 1.42 0.00	27.06 1.75 0.00	30.62 2.06 0.00	28.25 1.97 0.00	26.05 1.73 -1.27	22.63 1.55 -0.62	20.16 1.30 0.00
GLOBAL GREEN_PORT_GT1 23814	21.32 1.13 0.00	20.43 1.23 0.00	18.52 1.02 0.00	18.45 0.96 0.00	18.98 0.99 0.00	21.13 1.16 0.00	22.55 1.26 0.00	26.09 2.09 0.00	25.71 1.97 0.00	22.73 1.95 0.00	21.23 1.81 0.00	19.87 1.56 0.00	18.99 1.36 0.00	17.90 1.40 0.00	17.78 1.32 0.00	18.24 1.27 0.00	19.12 1.30 0.00	24.05 1.82 0.00	27.67 2.35 0.00	31.36 2.80 0.00	29.04 2.76 0.00	26.84 2.51 -1.27	23.30 2.23 -0.62	20.71 1.85 0.00
GLOBE____DSASP 323697	19.08 -1.11 0.00	18.03 -1.17 0.00	16.54 -0.96 0.00	16.44 -1.05 0.00	16.93 -1.06 0.00	18.65 -1.32 0.00	19.74 -1.55 0.00	21.51 -2.50 0.00	21.08 -2.66 0.00	18.72 -2.06 0.00	17.59 -1.83 0.00	16.66 -1.65 0.00	16.05 -1.59 0.00	14.83 -1.67 0.00	14.65 -1.81 0.00	15.30 -1.66 0.00	16.02 -1.80 0.00	19.40 -2.82 0.00	21.75 -3.57 0.00	24.08 -4.48 0.00	22.10 -4.18 0.00	19.98 -3.07 0.00	18.00 -2.45 0.00	17.05 -1.81 0.00
GOETHSLN____LBMP 323567	20.63 0.44 0.00	19.57 0.36 0.00	17.79 0.28 0.00	17.77 0.28 0.00	18.28 0.29 0.00	20.37 0.40 0.00	21.91 0.62 0.00	24.94 0.94 0.00	24.73 1.00 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.57 0.93 0.00	17.40 0.91 0.00	17.37 0.91 0.00	17.85 0.88 0.00	18.75 0.93 0.00	23.40 1.18 0.00	26.66 1.34 0.00	30.28 1.71 0.00	27.83 1.55 0.00	24.29 1.24 0.00	21.56 1.10 0.00	19.73 0.87 0.00
GOLAH____69_KV_TB 1_2 80279	19.76 -0.42 0.00	18.70 -0.50 0.00	17.17 -0.33 0.00	17.11 -0.38 0.00	17.67 -0.32 0.00	19.51 -0.46 0.00	20.68 -0.62 0.00	22.85 -1.15 0.00	22.43 -1.31 0.00	19.80 -0.98 0.00	18.57 -0.85 0.00	17.51 -0.81 0.00	16.86 -0.78 0.00	15.65 -0.84 0.00	15.53 -0.94 0.00	16.12 -0.85 0.00	16.87 -0.94 0.00	20.69 -1.53 0.00	23.39 -1.92 0.00	26.19 -2.37 0.00	24.10 -2.18 0.00	21.50 -1.54 0.00	19.18 -1.27 0.00	17.99 -0.87 0.00
GOODYEAR_LAKE_HYD 323669	20.81 0.63 0.00	19.76 0.56 0.00	18.03 0.53 0.00	18.00 0.51 0.00	18.53 0.54 0.00	20.57 0.60 0.00	21.98 0.68 0.00	24.84 0.84 0.00	24.57 0.83 0.00	21.50 0.73 0.00	20.08 0.66 0.00	18.90 0.59 0.00	18.18 0.55 0.00	16.97 0.48 0.00	16.93 0.46 0.00	17.46 0.49 0.00	18.34 0.52 0.00	22.92 0.69 0.00	26.15 0.84 0.00	29.48 0.91 0.00	27.17 0.89 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.50 0.64 0.00

GOUDEY___1 345031	20.49 0.30 0.00	19.45 0.25 0.00	17.75 0.25 0.00	17.72 0.23 0.00	18.24 0.25 0.00	20.21 0.24 0.00	21.59 0.30 0.00	24.24 0.24 0.00	23.88 0.14 0.00	20.96 0.19 0.00	19.59 0.17 0.00	18.46 0.15 0.00	17.76 0.12 0.00	16.56 0.07 0.00	16.50 0.03 0.00	17.03 0.07 0.00	17.91 0.09 0.00	22.20 -0.02 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.53 0.08 0.00	18.99 0.13 0.00
GOUDEY___7 23579	20.51 0.32 0.00	19.47 0.27 0.00	17.77 0.26 0.00	17.74 0.24 0.00	18.26 0.27 0.00	20.23 0.26 0.00	21.61 0.32 0.00	24.27 0.26 0.00	23.90 0.17 0.00	20.99 0.21 0.00	19.61 0.19 0.00	18.48 0.16 0.00	17.77 0.14 0.00	16.58 0.08 0.00	16.51 0.05 0.00	17.05 0.08 0.00	17.93 0.11 0.00	22.23 0.00 0.00	25.31 0.00 0.00	28.45 -0.11 0.00	26.17 -0.11 0.00	23.10 0.05 0.00	20.55 0.10 0.00	19.01 0.15 0.00
GOUDEY___8 23580	20.49 0.30 0.00	19.45 0.25 0.00	17.75 0.25 0.00	17.72 0.23 0.00	18.24 0.25 0.00	20.21 0.24 0.00	21.59 0.30 0.00	24.24 0.24 0.00	23.88 0.14 0.00	20.96 0.19 0.00	19.59 0.17 0.00	18.46 0.15 0.00	17.76 0.12 0.00	16.56 0.07 0.00	16.50 0.03 0.00	17.03 0.07 0.00	17.91 0.09 0.00	22.20 -0.02 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.53 0.08 0.00	18.99 0.13 0.00
GOWANUS_GT1_1 24077	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_2 24078	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_3 24079	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_4 24080	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_5 24084	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_6 24111	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_7 24112	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT1_8 24113	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT2_1 24114	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_2 24115	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_3 24116	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_4 24117	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00

GOWANUS_GT2_5 24118	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_6 24119	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_7 24120	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT2_8 24121	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_1 24122	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_2 24123	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_3 24124	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_4 24125	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_5 24126	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_6 24127	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_7 24128	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT3_8 24129	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
GOWANUS_GT4_1 24130	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_2 24131	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_3 24132	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00

GOWANUS_GT4_4 24133	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_5 24134	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_6 24135	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_7 24136	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GOWANUS_GT4_8 24137	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GREENBSH_115KV_TB3 55895	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.76 0.47 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.77 0.46 0.00	18.06 0.42 0.00	16.92 0.43 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.28 0.46 0.00	22.85 0.62 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.07 0.61 0.00	19.43 0.57 0.00
GREENDGE_115KV_TB5 80291	21.08 0.89 0.00	19.99 0.79 0.00	18.24 0.74 0.00	18.21 0.72 0.00	18.80 0.81 0.00	20.85 0.88 0.00	22.29 1.00 0.00	25.18 1.18 0.00	24.66 0.93 0.00	21.63 0.85 0.00	20.16 0.74 0.00	18.94 0.62 0.00	18.18 0.55 0.00	16.89 0.40 0.00	16.79 0.33 0.00	17.34 0.37 0.00	18.26 0.45 0.00	22.63 0.40 0.00	25.85 0.53 0.00	28.99 0.43 0.00	26.73 0.45 0.00	23.56 0.51 0.00	20.90 0.45 0.00	19.32 0.45 0.00
GREENIDGE___3 23582	21.08 0.89 0.00	19.99 0.79 0.00	18.24 0.74 0.00	18.21 0.72 0.00	18.80 0.81 0.00	20.85 0.88 0.00	22.29 1.00 0.00	25.18 1.18 0.00	24.66 0.93 0.00	21.63 0.85 0.00	20.16 0.74 0.00	18.94 0.62 0.00	18.18 0.55 0.00	16.89 0.40 0.00	16.79 0.33 0.00	17.34 0.37 0.00	18.26 0.45 0.00	22.63 0.40 0.00	25.85 0.53 0.00	28.99 0.43 0.00	26.73 0.45 0.00	23.56 0.51 0.00	20.90 0.45 0.00	19.32 0.45 0.00
GREENIDGE___4 23583	21.07 0.89 0.00	19.99 0.79 0.00	18.24 0.74 0.00	18.21 0.72 0.00	18.80 0.81 0.00	20.85 0.88 0.00	22.29 1.00 0.00	25.11 1.10 0.00	24.57 0.83 0.00	21.61 0.83 0.00	20.16 0.74 0.00	18.95 0.64 0.00	18.13 0.49 0.00	16.89 0.40 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.28 0.46 0.00	22.58 0.35 0.00	25.85 0.53 0.00	28.99 0.43 0.00	26.67 0.39 0.00	23.58 0.53 0.00	20.92 0.47 0.00	19.28 0.41 0.00
GREENLWN_69_KV_BK 3 55738	20.99 0.81 0.00	19.99 0.79 0.00	18.12 0.61 0.00	18.09 0.59 0.00	18.58 0.59 0.00	20.71 0.74 0.00	22.32 1.02 0.00	25.47 1.46 0.00	25.28 1.54 0.00	22.09 1.31 0.00	20.70 1.28 0.00	19.43 1.12 0.00	18.71 1.08 0.00	17.60 1.11 0.00	17.52 1.05 0.00	18.00 1.03 0.00	18.92 1.10 0.00	23.69 1.47 0.00	27.11 1.80 0.00	30.68 2.11 0.00	28.33 2.05 0.00	26.12 1.80 -1.27	22.69 1.62 -0.62	20.20 1.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00
GRISSOM___SOLAR 323813	21.72 1.53 0.00	20.63 1.42 0.00	18.86 1.35 0.00	18.75 1.26 0.00	19.34 1.35 0.00	21.55 1.58 0.00	22.93 1.64 0.00	25.80 1.80 0.00	25.45 1.71 0.00	22.15 1.37 0.00	20.55 1.13 0.00	19.26 0.95 0.00	18.39 0.76 0.00	17.17 0.68 0.00	17.14 0.68 0.00	17.71 0.75 0.00	18.71 0.89 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.76 2.20 0.00	28.41 2.13 0.00	24.99 1.94 0.00	21.97 1.51 0.00	20.24 1.38 0.00
GROVEVILLE___HYD 323602	20.77 0.59 0.00	19.74 0.54 0.00	17.94 0.44 0.00	17.95 0.45 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.02 0.72 0.00	24.99 0.98 0.00	24.80 1.07 0.00	21.67 0.89 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.37 0.74 0.00	17.24 0.74 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.29 1.07 0.00	26.58 1.27 0.00	30.16 1.60 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.54 1.08 0.00	19.77 0.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	20.35 0.16 0.00	19.34 0.13 0.00	17.65 0.14 0.00	17.61 0.12 0.00	18.13 0.14 0.00	20.11 0.14 0.00	21.40 0.11 0.00	24.05 0.05 0.00	23.69 -0.05 0.00	20.80 0.02 0.00	19.42 0.00 0.00	18.31 0.00 0.00	17.63 0.00 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.93 -0.03 0.00	17.78 -0.04 0.00	22.09 -0.13 0.00	25.16 -0.15 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.76 -0.66 0.00	17.47 -0.84 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.08 -0.88 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	18.00 -0.87 0.00
HARDSCRABBLE_WT_PWR 323673	20.47 0.28 0.00	19.45 0.25 0.00	17.75 0.24 0.00	17.74 0.24 0.00	18.26 0.27 0.00	20.27 0.30 0.00	21.61 0.32 0.00	24.41 0.41 0.00	24.11 0.38 0.00	21.11 0.33 0.00	19.73 0.31 0.00	18.59 0.28 0.00	17.90 0.26 0.00	16.73 0.23 0.00	16.68 0.21 0.00	17.18 0.22 0.00	18.05 0.23 0.00	22.54 0.31 0.00	25.72 0.40 0.00	29.05 0.49 0.00	26.75 0.47 0.00	23.42 0.37 0.00	20.74 0.29 0.00	19.11 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.67 0.48 0.00	19.63 0.42 0.00	17.86 0.35 0.00	17.86 0.37 0.00	18.33 0.34 0.00	20.41 0.44 0.00	21.93 0.64 0.00	24.89 0.89 0.00	24.71 0.97 0.00	21.61 0.83 0.00	20.18 0.76 0.00	19.03 0.71 0.00	18.36 0.72 0.00	17.20 0.71 0.00	17.19 0.72 0.00	17.68 0.71 0.00	18.57 0.75 0.00	23.23 1.00 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.69 0.83 0.00
HARSNRAD_115KV_TB1 81005	19.44 -0.75 0.00	18.36 -0.84 0.00	16.84 -0.67 0.00	16.74 -0.75 0.00	17.23 -0.76 0.00	18.99 -0.98 0.00	20.12 -1.17 0.00	21.94 -2.06 0.00	21.48 -2.25 0.00	19.07 -1.70 0.00	17.92 -1.50 0.00	16.94 -1.37 0.00	16.31 -1.32 0.00	15.06 -1.44 0.00	14.88 -1.58 0.00	15.54 -1.42 0.00	16.29 -1.53 0.00	19.74 -2.49 0.00	22.18 -3.14 0.00	24.54 -4.03 0.00	22.52 -3.76 0.00	20.35 -2.70 0.00	18.30 -2.15 0.00	17.32 -1.55 0.00
HARZA MOOSE___RIVER 24016	20.37 0.18 0.00	19.36 0.15 0.00	17.66 0.16 0.00	17.63 0.14 0.00	18.15 0.16 0.00	20.15 0.18 0.00	21.46 0.17 0.00	24.22 0.22 0.00	23.93 0.19 0.00	20.90 0.12 0.00	19.48 0.06 0.00	18.15 -0.16 0.00	17.42 -0.21 0.00	16.23 -0.26 0.00	16.19 -0.28 0.00	16.69 -0.27 0.00	17.59 -0.23 0.00	22.07 -0.16 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	22.98 -0.07 0.00	20.33 -0.12 0.00	18.73 -0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.17 -0.02 0.00	19.17 -0.04 0.00	17.49 -0.02 0.00	17.44 -0.05 0.00	17.97 -0.02 0.00	19.91 -0.06 0.00	21.17 -0.13 0.00	23.79 -0.22 0.00	23.45 -0.28 0.00	20.59 -0.19 0.00	19.25 -0.17 0.00	18.15 -0.16 0.00	17.49 -0.14 0.00	16.33 -0.16 0.00	16.28 -0.18 0.00	16.79 -0.17 0.00	17.64 -0.18 0.00	21.91 -0.31 0.00	24.91 -0.41 0.00	28.05 -0.51 0.00	25.83 -0.45 0.00	22.73 -0.32 0.00	20.21 -0.25 0.00	18.67 -0.19 0.00
HELLGATE_13_KV_LD 55870	20.89 0.71 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.76 1.31 0.00	19.94 1.08 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.89 0.71 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.83 1.02 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.76 1.31 0.00	19.94 1.08 0.00
HEMPSTEAD____ 23647	20.89 0.71 0.00	19.88 0.67 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.15 1.15 0.00	24.88 1.14 0.00	21.80 1.02 0.00	20.39 0.97 0.00	19.16 0.84 0.00	18.53 0.90 0.00	17.37 0.87 0.00	17.30 0.84 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.56 1.33 0.00	26.94 1.62 0.00	30.45 1.88 0.00	28.15 1.87 0.00	25.94 1.61 -1.27	22.53 1.45 -0.62	20.03 1.17 0.00
HEWLETT__69_KV_BK3 55828	21.04 0.85 0.00	20.01 0.81 0.00	18.14 0.63 0.00	18.10 0.61 0.00	18.60 0.61 0.00	20.73 0.76 0.00	22.32 1.02 0.00	25.42 1.42 0.00	25.23 1.50 0.00	22.04 1.27 0.00	20.66 1.24 0.00	19.39 1.08 0.00	18.71 1.08 0.00	17.57 1.07 0.00	17.49 1.02 0.00	17.98 1.02 0.00	18.91 1.09 0.00	23.69 1.47 0.00	27.09 1.77 0.00	30.68 2.11 0.00	28.30 2.02 0.00	26.10 1.77 -1.27	22.67 1.60 -0.62	20.20 1.34 0.00
HICKLING___1 23621	20.87 0.69 0.00	19.78 0.58 0.00	18.07 0.56 0.00	18.03 0.54 0.00	18.60 0.61 0.00	20.59 0.62 0.00	22.04 0.75 0.00	24.72 0.72 0.00	24.26 0.52 0.00	21.32 0.54 0.00	19.91 0.49 0.00	18.72 0.40 0.00	17.98 0.35 0.00	16.71 0.21 0.00	16.61 0.15 0.00	17.17 0.20 0.00	18.07 0.25 0.00	22.34 0.11 0.00	25.44 0.13 0.00	28.53 -0.03 0.00	26.25 -0.03 0.00	23.26 0.21 0.00	20.70 0.25 0.00	19.15 0.28 0.00
HICKLING___2 23622	20.87 0.69 0.00	19.78 0.58 0.00	18.07 0.56 0.00	18.03 0.54 0.00	18.60 0.61 0.00	20.59 0.62 0.00	22.04 0.75 0.00	24.72 0.72 0.00	24.26 0.52 0.00	21.32 0.54 0.00	19.91 0.49 0.00	18.72 0.40 0.00	17.98 0.35 0.00	16.71 0.21 0.00	16.61 0.15 0.00	17.17 0.20 0.00	18.07 0.25 0.00	22.34 0.11 0.00	25.44 0.13 0.00	28.53 -0.03 0.00	26.25 -0.03 0.00	23.26 0.21 0.00	20.70 0.25 0.00	19.15 0.28 0.00
HIGH FALLS___HY 23754	20.71 0.52 0.00	19.66 0.46 0.00	17.86 0.35 0.00	17.88 0.38 0.00	18.35 0.36 0.00	20.45 0.48 0.00	21.95 0.66 0.00	24.94 0.94 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.18 0.76 0.00	19.03 0.71 0.00	18.37 0.74 0.00	17.22 0.73 0.00	17.21 0.74 0.00	17.69 0.73 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.58 1.27 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.56 1.10 0.00	19.73 0.87 0.00
HILLBURN___GT 23639	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.80 0.51 0.00	24.82 0.82 0.00	24.62 0.88 0.00	21.48 0.71 0.00	20.10 0.68 0.00	18.95 0.64 0.00	18.39 0.76 0.00	17.19 0.69 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.51 0.69 0.00	23.29 1.07 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.70 1.42 0.00	24.22 1.17 0.00	21.49 1.04 0.00	19.65 0.79 0.00
HILLSIDE_115KV_TB1 80332	20.53 0.34 0.00	19.45 0.25 0.00	17.77 0.26 0.00	17.74 0.24 0.00	18.28 0.29 0.00	20.23 0.26 0.00	21.63 0.34 0.00	24.27 0.26 0.00	23.83 0.09 0.00	20.94 0.17 0.00	19.58 0.16 0.00	18.44 0.13 0.00	17.70 0.07 0.00	16.49 0.00 0.00	16.38 -0.08 0.00	16.93 -0.03 0.00	17.82 0.00 0.00	22.00 -0.22 0.00	25.06 -0.25 0.00	28.08 -0.49 0.00	25.83 -0.45 0.00	22.89 -0.16 0.00	20.39 -0.06 0.00	18.90 0.04 0.00

HISHELDN_WT_PWR 323625	19.68 -0.50 0.00	18.61 -0.60 0.00	17.07 -0.44 0.00	16.97 -0.52 0.00	17.45 -0.54 0.00	19.21 -0.76 0.00	20.36 -0.94 0.00	21.91 -2.09 0.00	21.48 -2.26 0.00	19.28 -1.50 0.00	18.23 -1.19 0.00	17.23 -1.08 0.00	16.22 -1.41 0.00	15.26 -1.24 0.00	15.07 -1.40 0.00	15.61 -1.36 0.00	16.50 -1.32 0.00	19.76 -2.47 0.00	22.48 -2.83 0.00	24.91 -3.66 0.00	22.81 -3.47 0.00	20.58 -2.47 0.00	18.47 -1.98 0.00	17.35 -1.51 0.00
HOLTSVILLE_IC_1 23690	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
HOLTSVILLE_IC_10 23699	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.09 1.35 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
HOLTSVILLE_IC_2 23691	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
HOLTSVILLE_IC_3 23692	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
HOLTSVILLE_IC_4 23693	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
HOLTSVILLE_IC_5 23694	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
HOLTSVILLE_IC_6 23695	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.09 1.35 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
HOLTSVILLE_IC_7 23696	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.09 1.35 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
HOLTSVILLE_IC_8 23697	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.09 1.35 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
HOLTSVILLE_IC_9 23698	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.09 1.35 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
HOMER_HL_115KV_TB2 355744	20.41 0.22 0.00	19.26 0.06 0.00	17.65 0.14 0.00	17.63 0.14 0.00	18.12 0.13 0.00	19.95 -0.02 0.00	21.40 0.11 0.00	23.50 -0.50 0.00	23.05 -0.69 0.00	20.40 -0.37 0.00	19.15 -0.27 0.00	18.02 -0.29 0.00	17.31 -0.32 0.00	16.03 -0.46 0.00	15.84 -0.63 0.00	16.47 -0.49 0.00	17.32 -0.50 0.00	21.03 -1.20 0.00	23.82 -1.49 0.00	26.45 -2.11 0.00	24.20 -2.08 0.00	21.80 -1.24 0.00	19.59 -0.86 0.00	18.41 -0.45 0.00
HOWARD_WT_PWR 323690	21.24 1.05 0.00	20.14 0.94 0.00	18.40 0.89 0.00	18.35 0.86 0.00	18.96 0.97 0.00	21.01 1.04 0.00	22.49 1.19 0.00	25.18 1.18 0.00	24.66 0.92 0.00	21.71 0.94 0.00	20.27 0.85 0.00	19.05 0.73 0.00	18.13 0.49 0.00	16.84 0.35 0.00	16.70 0.23 0.00	17.15 0.19 0.00	18.14 0.32 0.00	22.45 0.22 0.00	25.74 0.43 0.00	28.85 0.29 0.00	26.54 0.26 0.00	23.37 0.32 0.00	20.68 0.23 0.00	19.00 0.13 0.00
HQ_GEN_CEDARS 23644	20.03 -0.16 0.00	19.11 -0.10 0.00	17.38 -0.12 0.00	17.42 -0.07 0.00	17.90 -0.09 0.00	19.87 -0.10 0.00	21.23 -0.06 0.00	23.91 -0.10 0.00	23.71 -0.02 0.00	20.69 -0.08 0.00	19.32 -0.10 0.00	18.13 -0.18 0.00	17.40 -0.23 0.00	16.26 -0.23 0.00	16.28 -0.18 0.00	16.78 -0.19 0.00	17.62 -0.20 0.00	22.09 -0.13 0.00	25.24 -0.08 0.00	28.48 -0.09 0.00	26.10 -0.18 0.00	22.84 -0.21 0.00	20.21 -0.25 0.00	18.60 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	20.03 -0.16 0.00	19.11 -0.10 0.00	17.39 -0.12 0.00	17.42 -0.07 0.00	17.90 -0.09 0.00	19.44 -0.10 0.43	21.62 -0.11 -0.43	23.88 -0.12 0.00	23.71 -0.02 0.00	20.69 -0.08 0.00	19.31 -0.10 0.01	18.14 -0.18 -0.01	17.40 -0.23 0.00	16.26 -0.23 0.00	16.28 -0.18 0.00	16.78 -0.19 0.00	17.77 -0.20 -0.14	21.97 -0.11 0.14	25.24 -0.08 0.00	28.48 -0.09 0.00	25.90 -0.18 0.19	23.04 -0.21 -0.19	20.21 -0.24 0.00	18.60 -0.26 0.00

HQ_GEN_IMPORT 323601	20.11 -0.08 0.00	19.15 -0.06 0.00	17.45 -0.05 0.00	17.46 -0.03 0.00	17.94 -0.05 0.00	19.48 -0.06 0.43	21.66 -0.06 -0.43	23.93 -0.07 0.00	23.69 -0.05 0.00	20.74 -0.04 0.00	19.35 -0.06 0.01	18.25 -0.07 -0.01	17.54 -0.09 0.00	16.41 -0.08 0.00	16.40 -0.07 0.00	16.90 -0.07 0.00	17.89 -0.07 -0.14	22.04 -0.04 0.14	25.29 -0.03 0.00	28.53 -0.03 0.00	26.01 -0.08 0.19	23.15 -0.09 -0.19	20.35 -0.10 0.00	18.75 -0.11 0.00
HQ_GEN_WHEEL 23651	20.11 -0.08 0.00	19.15 -0.06 0.00	17.45 -0.05 0.00	17.46 -0.03 0.00	17.94 -0.05 0.00	19.48 -0.06 0.43	21.66 -0.06 -0.43	23.93 -0.07 0.00	23.69 -0.05 0.00	20.74 -0.04 0.00	19.35 -0.06 0.01	18.25 -0.07 -0.01	17.54 -0.09 0.00	16.41 -0.08 0.00	16.40 -0.07 0.00	16.90 -0.07 0.00	17.89 -0.07 -0.14	22.04 -0.04 0.14	25.29 -0.03 0.00	28.53 -0.03 0.00	26.01 -0.08 0.19	23.15 -0.09 -0.19	20.35 -0.10 0.00	18.75 -0.11 0.00
HUDSON AVE_GT_3 23810	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.77 1.00 0.00	20.43 1.01 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	28.01 1.73 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.86 1.00 0.00
HUDSON AVE_GT_4 23540	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.77 1.00 0.00	20.43 1.01 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	28.01 1.73 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.86 1.00 0.00
HUDSON AVE_GT_5 23657	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.77 1.00 0.00	20.43 1.01 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	28.01 1.73 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.86 1.00 0.00
HUDSON_AVE_10 24168	20.73 0.55 0.00	19.65 0.44 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.35 0.36 0.00	20.45 0.48 0.00	22.00 0.70 0.00	25.03 1.03 0.00	24.85 1.12 0.00	21.73 0.96 0.00	20.39 0.97 0.00	19.23 0.92 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.81 0.94 0.00
HUDSON___115KV_TB 4 355613	20.85 0.67 0.00	19.84 0.63 0.00	18.10 0.60 0.00	18.09 0.59 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.08 0.79 0.00	24.91 0.91 0.00	24.64 0.90 0.00	21.48 0.71 0.00	19.98 0.56 0.00	18.86 0.55 0.00	18.13 0.49 0.00	16.96 0.46 0.00	16.94 0.48 0.00	17.44 0.47 0.00	18.37 0.55 0.00	23.03 0.80 0.00	26.28 0.96 0.00	29.76 1.20 0.00	27.46 1.18 0.00	24.02 0.97 0.00	21.29 0.84 0.00	19.64 0.77 0.00
HUNTER MOUNT___DRP 323613	20.93 0.75 0.00	19.91 0.71 0.00	18.17 0.67 0.00	18.16 0.66 0.00	18.66 0.67 0.00	20.75 0.78 0.00	22.17 0.87 0.00	24.96 0.96 0.00	24.71 0.97 0.00	21.50 0.73 0.00	19.96 0.54 0.00	18.83 0.51 0.00	18.07 0.44 0.00	16.91 0.41 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.34 0.52 0.00	23.00 0.78 0.00	26.30 0.99 0.00	29.82 1.26 0.00	27.51 1.24 0.00	24.06 1.01 0.00	21.31 0.86 0.00	19.67 0.81 0.00
HUNTINGTON_RES_REC 323705	21.00 0.81 0.00	20.03 0.83 0.00	18.14 0.63 0.00	18.09 0.60 0.00	18.60 0.61 0.00	20.71 0.74 0.00	22.12 0.83 0.00	25.37 1.37 0.00	25.06 1.33 0.00	22.00 1.23 0.00	20.57 1.15 0.00	19.32 1.01 0.00	18.64 1.00 0.00	17.50 1.01 0.00	17.44 0.97 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.74 1.51 0.00	27.19 1.87 0.00	30.71 2.14 0.00	28.43 2.16 0.00	26.21 1.89 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
HUNTLEY___63 23557	19.62 -0.57 0.00	18.55 -0.65 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.41 -0.58 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	22.15 -1.85 0.00	21.72 -2.02 0.00	19.28 -1.50 0.00	18.12 -1.30 0.00	17.12 -1.19 0.00	16.47 -1.16 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	19.94 -2.29 0.00	22.40 -2.91 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
HUNTLEY___64 23558	19.62 -0.57 0.00	18.55 -0.65 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.41 -0.58 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	22.15 -1.85 0.00	21.72 -2.02 0.00	19.28 -1.50 0.00	18.12 -1.30 0.00	17.12 -1.19 0.00	16.47 -1.16 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	19.94 -2.29 0.00	22.40 -2.91 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
HUNTLEY___65 23559	19.62 -0.57 0.00	18.55 -0.65 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.41 -0.58 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	22.15 -1.85 0.00	21.72 -2.02 0.00	19.28 -1.50 0.00	18.12 -1.30 0.00	17.12 -1.19 0.00	16.47 -1.16 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	19.94 -2.29 0.00	22.40 -2.91 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
HUNTLEY___66 23560	19.62 -0.57 0.00	18.55 -0.65 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.41 -0.58 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	22.15 -1.85 0.00	21.72 -2.02 0.00	19.28 -1.50 0.00	18.12 -1.30 0.00	17.12 -1.19 0.00	16.47 -1.16 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	19.94 -2.29 0.00	22.40 -2.91 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
HUNTLEY___67 23561	19.56 -0.63 0.00	18.49 -0.71 0.00	16.95 -0.56 0.00	16.86 -0.63 0.00	17.36 -0.63 0.00	19.13 -0.84 0.00	20.27 -1.02 0.00	22.13 -1.87 0.00	21.69 -2.04 0.00	19.26 -1.52 0.00	18.08 -1.34 0.00	17.10 -1.21 0.00	16.45 -1.18 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.67 -1.29 0.00	16.43 -1.39 0.00	19.94 -2.29 0.00	22.38 -2.94 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
HUNTLEY___68 23562	19.56 -0.63 0.00	18.49 -0.71 0.00	16.95 -0.56 0.00	16.86 -0.63 0.00	17.36 -0.63 0.00	19.13 -0.84 0.00	20.27 -1.02 0.00	22.13 -1.87 0.00	21.69 -2.04 0.00	19.26 -1.52 0.00	18.08 -1.34 0.00	17.10 -1.21 0.00	16.45 -1.18 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.67 -1.29 0.00	16.43 -1.39 0.00	19.94 -2.29 0.00	22.38 -2.94 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00

HYLAND___LFGE 323620	21.12 0.93 0.00	19.99 0.79 0.00	18.28 0.77 0.00	18.19 0.70 0.00	18.84 0.85 0.00	20.85 0.88 0.00	22.25 0.96 0.00	24.65 0.65 0.00	24.00 0.26 0.00	21.13 0.35 0.00	19.63 0.21 0.00	18.48 0.16 0.00	17.53 -0.11 0.00	16.31 -0.18 0.00	16.22 -0.25 0.00	16.69 -0.27 0.00	17.66 -0.16 0.00	21.89 -0.33 0.00	25.29 -0.03 0.00	28.48 -0.09 0.00	26.36 0.08 0.00	23.35 0.30 0.00	20.68 0.23 0.00	19.11 0.24 0.00
INDECK___CORINTH 23802	20.75 0.56 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.93 0.64 0.00	24.77 0.77 0.00	24.50 0.76 0.00	21.36 0.58 0.00	19.85 0.43 0.00	18.71 0.40 0.00	18.00 0.37 0.00	16.79 0.30 0.00	16.76 0.30 0.00	17.27 0.31 0.00	18.17 0.36 0.00	22.94 0.71 0.00	26.12 0.81 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.92 0.88 0.00	21.11 0.65 0.00	19.47 0.60 0.00
INDECK___ILION 23567	20.39 0.20 0.00	19.40 0.19 0.00	17.68 0.18 0.00	17.67 0.17 0.00	18.17 0.18 0.00	20.17 0.20 0.00	21.51 0.21 0.00	24.27 0.26 0.00	24.00 0.26 0.00	21.01 0.23 0.00	19.63 0.21 0.00	18.50 0.18 0.00	17.81 0.18 0.00	16.66 0.16 0.00	16.61 0.15 0.00	17.13 0.17 0.00	18.00 0.18 0.00	22.47 0.24 0.00	25.59 0.28 0.00	28.91 0.34 0.00	26.59 0.32 0.00	23.30 0.25 0.00	20.68 0.22 0.00	19.07 0.21 0.00
INDECK___OLEAN 23982	20.41 0.22 0.00	19.26 0.06 0.00	17.66 0.16 0.00	17.63 0.14 0.00	18.12 0.13 0.00	19.93 -0.04 0.00	21.34 0.04 0.00	23.19 -0.82 0.00	22.74 -1.00 0.00	20.26 -0.52 0.00	19.11 -0.31 0.00	18.06 -0.26 0.00	17.10 -0.53 0.00	16.02 -0.48 0.00	15.86 -0.61 0.00	16.37 -0.59 0.00	17.32 -0.50 0.00	20.87 -1.36 0.00	23.82 -1.49 0.00	26.48 -2.08 0.00	24.23 -2.05 0.00	21.85 -1.20 0.00	19.59 -0.86 0.00	18.28 -0.58 0.00
INDECK___OSWEGO 23783	19.99 -0.20 0.00	18.99 -0.21 0.00	17.33 -0.18 0.00	17.30 -0.19 0.00	17.81 -0.18 0.00	19.75 -0.22 0.00	21.04 -0.25 0.00	23.67 -0.34 0.00	23.33 -0.40 0.00	20.47 -0.31 0.00	19.15 -0.27 0.00	18.04 -0.27 0.00	17.35 -0.28 0.00	16.23 -0.26 0.00	16.19 -0.28 0.00	16.68 -0.29 0.00	17.52 -0.30 0.00	21.69 -0.53 0.00	24.71 -0.61 0.00	27.82 -0.74 0.00	25.62 -0.66 0.00	22.54 -0.51 0.00	20.04 -0.41 0.00	18.54 -0.32 0.00
INDECK___YERKES 23781	19.64 -0.54 0.00	18.57 -0.63 0.00	17.05 -0.46 0.00	16.93 -0.56 0.00	17.43 -0.56 0.00	19.19 -0.78 0.00	20.27 -1.02 0.00	21.79 -2.21 0.00	21.36 -2.37 0.00	19.20 -1.58 0.00	18.16 -1.26 0.00	17.21 -1.10 0.00	16.20 -1.43 0.00	15.26 -1.24 0.00	15.10 -1.37 0.00	15.66 -1.31 0.00	16.50 -1.32 0.00	19.74 -2.49 0.00	22.40 -2.91 0.00	24.85 -3.71 0.00	22.78 -3.50 0.00	20.58 -2.47 0.00	18.49 -1.96 0.00	17.41 -1.45 0.00
INDIAN POINT_GT_1 24139	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.39 0.42 0.00	21.91 0.62 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.43 0.79 0.00	17.27 0.78 0.00	17.24 0.77 0.00	17.73 0.76 0.00	18.60 0.78 0.00	23.29 1.07 0.00	26.53 1.22 0.00	30.11 1.54 0.00	27.70 1.42 0.00	24.20 1.15 0.00	21.50 1.04 0.00	19.69 0.83 0.00
INDIAN POINT_GT_2 23659	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.39 0.42 0.00	21.91 0.62 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.43 0.79 0.00	17.27 0.78 0.00	17.24 0.77 0.00	17.73 0.76 0.00	18.60 0.78 0.00	23.29 1.07 0.00	26.53 1.22 0.00	30.11 1.54 0.00	27.70 1.42 0.00	24.20 1.15 0.00	21.50 1.04 0.00	19.69 0.83 0.00
INDIAN POINT_GT_3 24019	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.39 0.42 0.00	21.91 0.62 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.43 0.79 0.00	17.27 0.78 0.00	17.24 0.77 0.00	17.73 0.76 0.00	18.60 0.78 0.00	23.29 1.07 0.00	26.53 1.22 0.00	30.11 1.54 0.00	27.70 1.42 0.00	24.20 1.15 0.00	21.50 1.04 0.00	19.69 0.83 0.00
INDIAN POINT___2 23530	20.63 0.44 0.00	19.59 0.38 0.00	17.80 0.30 0.00	17.81 0.32 0.00	18.30 0.31 0.00	20.37 0.40 0.00	21.78 0.49 0.00	24.79 0.79 0.00	24.57 0.83 0.00	21.46 0.68 0.00	20.08 0.66 0.00	18.94 0.62 0.00	18.37 0.74 0.00	17.17 0.68 0.00	17.14 0.68 0.00	17.62 0.66 0.00	18.48 0.66 0.00	23.29 1.07 0.00	26.53 1.22 0.00	30.08 1.51 0.00	27.67 1.39 0.00	24.18 1.13 0.00	21.47 1.02 0.00	19.64 0.77 0.00
INDIAN POINT___3 23531	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.89 0.60 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.43 0.79 0.00	17.27 0.78 0.00	17.24 0.77 0.00	17.73 0.76 0.00	18.60 0.78 0.00	23.27 1.04 0.00	26.53 1.22 0.00	30.08 1.51 0.00	27.67 1.39 0.00	24.20 1.15 0.00	21.48 1.02 0.00	19.69 0.83 0.00
INGHAM_C_115KV_TB7 356103	20.53 0.34 0.00	19.51 0.31 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.46 0.46 0.00	24.19 0.45 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.62 0.31 0.00	17.93 0.30 0.00	16.76 0.26 0.00	16.71 0.25 0.00	17.22 0.25 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.77 0.46 0.00	29.11 0.54 0.00	26.80 0.53 0.00	23.46 0.41 0.00	20.80 0.35 0.00	19.18 0.32 0.00
IP CORINTH___1 23988	20.75 0.57 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	22.00 0.70 0.00	24.84 0.84 0.00	24.57 0.83 0.00	21.40 0.62 0.00	19.94 0.52 0.00	18.79 0.48 0.00	18.02 0.39 0.00	16.82 0.33 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.23 0.41 0.00	22.92 0.69 0.00	26.12 0.81 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.93 0.88 0.00	21.13 0.67 0.00	19.48 0.62 0.00
IP___TICONDEROGA 23804	21.34 1.15 0.00	20.24 1.04 0.00	18.52 1.02 0.00	18.42 0.93 0.00	18.98 0.99 0.00	21.13 1.16 0.00	22.64 1.34 0.00	25.54 1.54 0.00	25.26 1.52 0.00	21.96 1.18 0.00	20.37 0.95 0.00	19.12 0.81 0.00	18.28 0.65 0.00	17.01 0.51 0.00	16.98 0.51 0.00	17.46 0.49 0.00	18.46 0.64 0.00	23.34 1.11 0.00	26.63 1.32 0.00	30.28 1.71 0.00	27.96 1.68 0.00	24.50 1.45 0.00	21.54 1.08 0.00	19.90 1.04 0.00
ISLIP_RES_REC 323679	21.05 0.87 0.00	20.11 0.90 0.00	18.21 0.70 0.00	18.16 0.66 0.00	18.67 0.68 0.00	20.77 0.80 0.00	22.19 0.89 0.00	25.54 1.54 0.00	25.18 1.45 0.00	22.17 1.39 0.00	20.72 1.30 0.00	19.43 1.12 0.00	18.69 1.06 0.00	17.57 1.07 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.78 1.56 0.00	27.29 1.98 0.00	30.85 2.29 0.00	28.59 2.31 0.00	26.40 2.08 -1.27	22.92 1.84 -0.62	20.39 1.53 0.00

JAMAICA__27_KV_LOAD 355505	20.77 0.59 0.00	19.68 0.48 0.00	17.87 0.37 0.00	17.86 0.37 0.00	18.37 0.38 0.00	20.51 0.54 0.00	22.08 0.79 0.00	25.15 1.15 0.00	24.97 1.23 0.00	21.84 1.06 0.00	20.49 1.07 0.00	19.32 1.01 0.00	18.74 1.11 0.00	17.55 1.06 0.00	17.52 1.05 0.00	18.00 1.03 0.00	18.91 1.09 0.00	23.65 1.42 0.00	26.96 1.65 0.00	30.62 2.06 0.00	28.17 1.89 0.00	24.50 1.45 0.00	21.74 1.29 0.00	19.86 1.00 0.00
JANIS__SOLAR 323808	21.38 1.19 0.00	20.28 1.07 0.00	18.52 1.02 0.00	18.47 0.98 0.00	19.05 1.06 0.00	21.13 1.16 0.00	22.53 1.23 0.00	25.34 1.34 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.20 0.78 0.00	18.92 0.60 0.00	18.11 0.48 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.46 0.49 0.00	18.42 0.61 0.00	23.00 0.78 0.00	26.38 1.06 0.00	29.68 1.11 0.00	27.36 1.08 0.00	24.11 1.06 0.00	21.37 0.92 0.00	19.69 0.83 0.00
JARVIS____ 23743	20.21 0.02 0.00	19.22 0.02 0.00	17.52 0.02 0.00	17.51 0.02 0.00	18.01 0.02 0.00	19.99 0.02 0.00	21.32 0.02 0.00	24.05 0.05 0.00	23.78 0.05 0.00	20.80 0.02 0.00	19.44 0.02 0.00	18.35 0.04 0.00	17.67 0.04 0.00	16.53 0.03 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.85 0.04 0.00	22.27 0.04 0.00	25.37 0.05 0.00	28.62 0.06 0.00	26.36 0.08 0.00	23.10 0.05 0.00	20.49 0.04 0.00	18.90 0.04 0.00
JENNISON____1 23625	21.42 1.23 0.00	20.32 1.11 0.00	18.56 1.05 0.00	18.51 1.01 0.00	19.09 1.10 0.00	21.19 1.22 0.00	22.59 1.30 0.00	25.49 1.49 0.00	25.14 1.40 0.00	21.98 1.21 0.00	20.45 1.03 0.00	19.19 0.88 0.00	18.43 0.79 0.00	17.17 0.68 0.00	17.11 0.64 0.00	17.69 0.73 0.00	18.62 0.80 0.00	23.25 1.02 0.00	26.58 1.27 0.00	29.85 1.29 0.00	27.57 1.29 0.00	24.25 1.20 0.00	21.52 1.06 0.00	19.82 0.96 0.00
JENNISON____2 23626	21.42 1.23 0.00	20.32 1.11 0.00	18.56 1.05 0.00	18.51 1.01 0.00	19.09 1.10 0.00	21.19 1.22 0.00	22.59 1.30 0.00	25.49 1.49 0.00	25.14 1.40 0.00	21.98 1.21 0.00	20.45 1.03 0.00	19.19 0.88 0.00	18.43 0.79 0.00	17.17 0.68 0.00	17.11 0.64 0.00	17.69 0.73 0.00	18.62 0.80 0.00	23.25 1.02 0.00	26.58 1.27 0.00	29.85 1.29 0.00	27.57 1.29 0.00	24.25 1.20 0.00	21.52 1.06 0.00	19.82 0.96 0.00
JERICOHO_RISE_WT_PWR 323719	20.19 0.00 0.00	19.24 0.04 0.00	17.52 0.02 0.00	17.53 0.04 0.00	18.01 0.02 0.00	20.01 0.04 0.00	21.34 0.04 0.00	24.05 0.05 0.00	23.86 0.12 0.00	20.86 0.08 0.00	19.48 0.06 0.00	18.28 -0.04 0.00	17.53 -0.11 0.00	16.40 -0.10 0.00	16.40 -0.07 0.00	16.90 -0.07 0.00	17.82 0.00 0.00	22.36 0.13 0.00	25.52 0.20 0.00	28.82 0.26 0.00	26.33 0.05 0.00	23.05 0.00 0.00	20.33 -0.12 0.00	18.69 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	20.73 0.55 0.00	19.70 0.50 0.00	17.93 0.42 0.00	17.93 0.44 0.00	18.39 0.40 0.00	20.47 0.50 0.00	21.98 0.68 0.00	24.99 0.98 0.00	24.78 1.04 0.00	21.65 0.87 0.00	20.25 0.84 0.00	19.08 0.77 0.00	18.44 0.81 0.00	17.27 0.78 0.00	17.27 0.81 0.00	17.76 0.80 0.00	18.60 0.78 0.00	23.36 1.13 0.00	26.63 1.32 0.00	30.22 1.66 0.00	27.83 1.55 0.00	24.29 1.24 0.00	21.54 1.08 0.00	19.75 0.89 0.00
KCE_NY_1 323755	20.77 0.59 0.00	19.76 0.56 0.00	18.03 0.52 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.95 0.66 0.00	24.77 0.77 0.00	24.50 0.76 0.00	21.36 0.58 0.00	19.89 0.47 0.00	18.77 0.46 0.00	18.09 0.46 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.37 0.41 0.00	18.28 0.46 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.33 1.05 0.00	23.92 0.88 0.00	21.17 0.72 0.00	19.52 0.66 0.00
KCE_NY_6_ESR 323823	19.92 -0.26 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.18 -0.31 0.00	17.67 -0.32 0.00	19.45 -0.52 0.00	20.61 -0.68 0.00	22.18 -1.83 0.00	21.74 -1.99 0.00	19.51 -1.27 0.00	18.45 -0.97 0.00	17.47 -0.84 0.00	16.47 -1.16 0.00	15.49 -1.01 0.00	15.31 -1.15 0.00	15.86 -1.10 0.00	16.75 -1.07 0.00	20.05 -2.18 0.00	22.81 -2.51 0.00	25.31 -3.26 0.00	23.18 -3.10 0.00	20.93 -2.12 0.00	18.80 -1.66 0.00	17.65 -1.21 0.00
KEDC PORT_JEFF_GT2 24210	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.11 1.38 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.74 1.51 0.00	27.21 1.90 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
KEDC PORT_JEFF_GT3 24211	20.97 0.79 0.00	20.05 0.84 0.00	18.16 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.10 0.81 0.00	25.47 1.46 0.00	25.11 1.38 0.00	22.09 1.31 0.00	20.64 1.22 0.00	19.37 1.06 0.00	18.64 1.00 0.00	17.53 1.04 0.00	17.47 1.00 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.74 1.51 0.00	27.21 1.90 0.00	30.73 2.17 0.00	28.49 2.21 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.32 1.45 0.00
KEDC_GLWD_GT4 24219	21.00 0.81 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.27 1.27 0.00	24.99 1.26 0.00	21.88 1.10 0.00	20.49 1.07 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.43 0.94 0.00	17.37 0.90 0.00	17.85 0.88 0.00	18.73 0.91 0.00	23.67 1.44 0.00	27.06 1.75 0.00	30.62 2.06 0.00	28.28 2.00 0.00	26.05 1.73 -1.27	22.63 1.55 -0.62	20.13 1.26 0.00
KEDC_GLWD_GT5 24220	21.00 0.81 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.27 1.27 0.00	24.99 1.26 0.00	21.88 1.10 0.00	20.49 1.07 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.43 0.94 0.00	17.37 0.90 0.00	17.85 0.88 0.00	18.73 0.91 0.00	23.67 1.44 0.00	27.06 1.75 0.00	30.62 2.06 0.00	28.28 2.00 0.00	26.05 1.73 -1.27	22.63 1.55 -0.62	20.13 1.26 0.00
KENSICO____ 23655	20.71 0.52 0.00	19.66 0.46 0.00	17.87 0.37 0.00	17.86 0.37 0.00	18.35 0.36 0.00	20.43 0.46 0.00	21.95 0.66 0.00	24.96 0.96 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.27 0.85 0.00	19.12 0.81 0.00	18.48 0.85 0.00	17.34 0.84 0.00	17.31 0.84 0.00	17.78 0.81 0.00	18.67 0.86 0.00	23.36 1.13 0.00	26.61 1.29 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.27 1.22 0.00	21.56 1.10 0.00	19.75 0.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.77 0.59 0.00	19.72 0.52 0.00	17.91 0.40 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	24.99 0.98 0.00	24.80 1.07 0.00	21.67 0.89 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.39 0.76 0.00	17.22 0.73 0.00	17.21 0.74 0.00	17.69 0.73 0.00	18.58 0.77 0.00	23.27 1.04 0.00	26.61 1.29 0.00	30.22 1.66 0.00	27.80 1.52 0.00	24.32 1.27 0.00	21.58 1.12 0.00	19.77 0.91 0.00

KIAC_JFK_GT1 23816	20.71 0.52 0.00	19.63 0.42 0.00	17.84 0.33 0.00	17.81 0.31 0.00	18.33 0.34 0.00	20.47 0.50 0.00	22.02 0.72 0.00	25.11 1.10 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.69 1.06 0.00	17.52 1.02 0.00	17.47 1.00 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.68 1.23 0.00	19.82 0.96 0.00
KIAC_JFK_GT2 23817	20.71 0.52 0.00	19.63 0.42 0.00	17.84 0.33 0.00	17.81 0.31 0.00	18.33 0.34 0.00	20.47 0.50 0.00	22.02 0.72 0.00	25.11 1.10 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.45 1.03 0.00	19.28 0.97 0.00	18.69 1.06 0.00	17.52 1.02 0.00	17.47 1.00 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.60 1.38 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.68 1.23 0.00	19.82 0.96 0.00
KIAC_JFK____ 323774	20.71 0.52 0.00	19.63 0.42 0.00	17.82 0.32 0.00	17.81 0.32 0.00	18.33 0.34 0.00	20.45 0.48 0.00	21.91 0.62 0.00	25.01 1.01 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.40 0.91 0.00	17.37 0.90 0.00	17.88 0.92 0.00	18.71 0.89 0.00	23.63 1.40 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.79 0.92 0.00
KINTIGH____ 23543	19.36 -0.83 0.00	18.32 -0.88 0.00	16.79 -0.72 0.00	16.69 -0.80 0.00	17.20 -0.79 0.00	18.97 -1.00 0.00	20.12 -1.17 0.00	22.11 -1.90 0.00	21.69 -2.04 0.00	19.22 -1.56 0.00	18.04 -1.38 0.00	17.07 -1.25 0.00	16.43 -1.20 0.00	15.22 -1.27 0.00	15.07 -1.40 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	20.03 -2.20 0.00	22.56 -2.76 0.00	25.05 -3.51 0.00	23.02 -3.26 0.00	20.70 -2.35 0.00	18.57 -1.88 0.00	17.45 -1.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.49 0.30 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.74 0.45 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.26 0.48 0.00	19.83 0.41 0.00	18.57 0.26 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.65 0.18 0.00	17.15 0.19 0.00	18.07 0.25 0.00	22.72 0.49 0.00	25.97 0.66 0.00	29.31 0.74 0.00	26.75 0.47 0.00	23.39 0.35 0.00	20.62 0.16 0.00	18.94 0.08 0.00
LACHUTE____HYDRO 323717	21.34 1.15 0.00	20.24 1.04 0.00	18.52 1.02 0.00	18.42 0.93 0.00	18.98 0.99 0.00	21.13 1.16 0.00	22.57 1.28 0.00	25.47 1.46 0.00	25.16 1.42 0.00	21.90 1.12 0.00	20.24 0.82 0.00	19.05 0.73 0.00	18.27 0.63 0.00	16.97 0.48 0.00	16.93 0.46 0.00	17.42 0.46 0.00	18.41 0.59 0.00	23.34 1.11 0.00	26.63 1.32 0.00	30.25 1.68 0.00	27.96 1.68 0.00	24.50 1.45 0.00	21.54 1.08 0.00	19.88 1.02 0.00
LAWRNCV_115KV_TB1 80681	19.58 -0.61 0.00	18.72 -0.48 0.00	17.02 -0.49 0.00	17.05 -0.44 0.00	17.52 -0.47 0.00	19.47 -0.50 0.00	20.80 -0.49 0.00	23.45 -0.55 0.00	23.29 -0.45 0.00	20.30 -0.48 0.00	18.93 -0.49 0.00	17.73 -0.59 0.00	16.98 -0.65 0.00	15.87 -0.63 0.00	15.89 -0.58 0.00	16.37 -0.59 0.00	17.19 -0.62 0.00	21.63 -0.60 0.00	24.73 -0.58 0.00	27.91 -0.66 0.00	25.57 -0.71 0.00	22.38 -0.67 0.00	19.76 -0.70 0.00	18.16 -0.70 0.00
LEDERLE____ 23769	20.73 0.55 0.00	19.66 0.46 0.00	17.87 0.37 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.45 0.48 0.00	21.98 0.68 0.00	24.99 0.98 0.00	24.78 1.04 0.00	21.69 0.91 0.00	20.29 0.87 0.00	19.12 0.81 0.00	18.48 0.85 0.00	17.32 0.82 0.00	17.29 0.82 0.00	17.78 0.81 0.00	18.67 0.86 0.00	23.36 1.13 0.00	26.63 1.32 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.29 1.24 0.00	21.58 1.12 0.00	19.77 0.91 0.00
LIGHTHSE_115KV_TB6 355974	20.01 -0.18 0.00	19.01 -0.19 0.00	17.35 -0.16 0.00	17.30 -0.19 0.00	17.83 -0.16 0.00	19.77 -0.20 0.00	20.97 -0.32 0.00	23.62 -0.38 0.00	23.29 -0.45 0.00	20.38 -0.39 0.00	19.03 -0.39 0.00	17.87 -0.44 0.00	17.21 -0.42 0.00	16.05 -0.45 0.00	15.99 -0.48 0.00	16.51 -0.46 0.00	17.32 -0.50 0.00	21.63 -0.60 0.00	24.71 -0.61 0.00	27.82 -0.74 0.00	25.65 -0.63 0.00	22.57 -0.48 0.00	20.02 -0.43 0.00	18.49 -0.38 0.00
LINDEN COGEN____ 23786	20.63 0.44 0.00	19.57 0.36 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.28 0.29 0.00	20.35 0.38 0.00	21.78 0.49 0.00	24.84 0.84 0.00	24.62 0.88 0.00	21.48 0.71 0.00	20.14 0.72 0.00	19.05 0.73 0.00	18.53 0.90 0.00	17.29 0.79 0.00	17.26 0.79 0.00	17.76 0.80 0.00	18.57 0.75 0.00	23.43 1.20 0.00	26.63 1.32 0.00	30.25 1.68 0.00	27.83 1.55 0.00	24.27 1.22 0.00	21.54 1.08 0.00	19.67 0.81 0.00
LINDHRST_69_KV_BK1 356055	21.08 0.89 0.00	20.09 0.88 0.00	18.19 0.68 0.00	18.16 0.66 0.00	18.66 0.67 0.00	20.77 0.80 0.00	22.40 1.11 0.00	25.59 1.58 0.00	25.40 1.66 0.00	22.21 1.43 0.00	20.82 1.40 0.00	19.50 1.19 0.00	18.74 1.11 0.00	17.67 1.17 0.00	17.57 1.10 0.00	18.03 1.07 0.00	18.98 1.16 0.00	23.76 1.53 0.00	27.24 1.92 0.00	30.79 2.23 0.00	28.46 2.18 0.00	26.28 1.96 -1.27	22.81 1.74 -0.62	20.31 1.45 0.00
LIPA_MISC_IPP 23656	20.83 0.65 0.00	19.93 0.73 0.00	18.07 0.56 0.00	18.02 0.52 0.00	18.53 0.54 0.00	20.59 0.62 0.00	22.23 0.94 0.00	25.59 1.58 0.00	25.30 1.57 0.00	22.25 1.48 0.00	20.86 1.44 0.00	19.52 1.21 0.00	18.71 1.08 0.00	17.63 1.14 0.00	17.57 1.10 0.00	18.02 1.05 0.00	18.99 1.18 0.00	23.58 1.36 0.00	27.04 1.72 0.00	30.65 2.09 0.00	28.33 2.05 0.00	26.21 1.89 -1.27	22.75 1.68 -0.62	20.26 1.40 0.00
LISF__SOLAR 323691	20.87 0.69 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.61 0.64 0.00	22.02 0.72 0.00	25.42 1.42 0.00	25.04 1.30 0.00	22.07 1.29 0.00	20.62 1.20 0.00	19.37 1.06 0.00	18.58 0.95 0.00	17.50 1.01 0.00	17.45 0.99 0.00	17.90 0.93 0.00	18.78 0.96 0.00	23.60 1.38 0.00	27.09 1.77 0.00	30.65 2.08 0.00	28.41 2.13 0.00	26.26 1.94 -1.27	22.79 1.72 -0.62	20.28 1.42 0.00
LITTLE FALLS____HYD 24013	20.53 0.34 0.00	19.51 0.31 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.68 0.38 0.00	24.46 0.46 0.00	24.19 0.45 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.62 0.31 0.00	17.93 0.30 0.00	16.76 0.26 0.00	16.71 0.25 0.00	17.22 0.25 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.77 0.46 0.00	29.11 0.54 0.00	26.80 0.53 0.00	23.46 0.41 0.00	20.80 0.35 0.00	19.18 0.32 0.00
LITTLRIV_115KV_TB1 356100	19.76 -0.42 0.00	18.90 -0.31 0.00	17.17 -0.33 0.00	17.19 -0.30 0.00	17.68 -0.31 0.00	19.65 -0.32 0.00	21.00 -0.30 0.00	23.67 -0.34 0.00	23.50 -0.24 0.00	20.49 -0.29 0.00	19.09 -0.33 0.00	17.87 -0.44 0.00	17.10 -0.53 0.00	15.98 -0.51 0.00	16.00 -0.46 0.00	16.49 -0.47 0.00	17.32 -0.50 0.00	21.80 -0.42 0.00	25.01 -0.30 0.00	28.19 -0.37 0.00	25.83 -0.45 0.00	22.61 -0.44 0.00	19.94 -0.51 0.00	18.32 -0.55 0.00

LI_NEWBRDGE___DRP 323616	20.81 0.63 0.00	19.82 0.61 0.00	17.96 0.46 0.00	17.93 0.44 0.00	18.44 0.45 0.00	20.53 0.56 0.00	22.10 0.81 0.00	25.23 1.22 0.00	25.02 1.28 0.00	21.88 1.10 0.00	20.51 1.09 0.00	19.25 0.93 0.00	18.55 0.92 0.00	17.45 0.96 0.00	17.37 0.91 0.00	17.85 0.88 0.00	18.76 0.94 0.00	23.47 1.24 0.00	26.86 1.54 0.00	30.36 1.80 0.00	28.04 1.76 0.00	25.87 1.54 -1.27	22.44 1.37 -0.62	19.99 1.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.44 -0.75 0.00	18.36 -0.84 0.00	16.84 -0.67 0.00	16.74 -0.75 0.00	17.23 -0.76 0.00	18.99 -0.98 0.00	20.12 -1.17 0.00	21.94 -2.06 0.00	21.48 -2.25 0.00	19.09 -1.68 0.00	17.92 -1.50 0.00	16.94 -1.37 0.00	16.31 -1.32 0.00	15.06 -1.44 0.00	14.87 -1.60 0.00	15.54 -1.42 0.00	16.29 -1.53 0.00	19.74 -2.49 0.00	22.18 -3.14 0.00	24.56 -4.00 0.00	22.55 -3.73 0.00	20.35 -2.70 0.00	18.30 -2.15 0.00	17.32 -1.55 0.00
LOCKPORT___CC1 323769	19.44 -0.75 0.00	18.36 -0.84 0.00	16.88 -0.63 0.00	16.74 -0.75 0.00	17.23 -0.75 0.00	18.99 -0.98 0.00	20.06 -1.24 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.97 -1.81 0.00	17.96 -1.46 0.00	17.03 -1.28 0.00	16.03 -1.60 0.00	15.09 -1.40 0.00	14.93 -1.53 0.00	15.49 -1.48 0.00	16.32 -1.50 0.00	19.51 -2.71 0.00	22.17 -3.14 0.00	24.56 -4.00 0.00	22.52 -3.76 0.00	20.38 -2.67 0.00	18.31 -2.15 0.00	17.26 -1.60 0.00
LOCKPORT___CC2 323770	19.44 -0.75 0.00	18.36 -0.84 0.00	16.88 -0.63 0.00	16.74 -0.75 0.00	17.23 -0.75 0.00	18.99 -0.98 0.00	20.06 -1.24 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.97 -1.81 0.00	17.96 -1.46 0.00	17.03 -1.28 0.00	16.03 -1.60 0.00	15.09 -1.40 0.00	14.93 -1.53 0.00	15.49 -1.48 0.00	16.32 -1.50 0.00	19.51 -2.71 0.00	22.17 -3.14 0.00	24.56 -4.00 0.00	22.52 -3.76 0.00	20.38 -2.67 0.00	18.31 -2.15 0.00	17.26 -1.60 0.00
LOCKPORT___CC3 323771	19.44 -0.75 0.00	18.36 -0.84 0.00	16.88 -0.63 0.00	16.74 -0.75 0.00	17.23 -0.75 0.00	18.99 -0.98 0.00	20.06 -1.24 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.97 -1.81 0.00	17.96 -1.46 0.00	17.03 -1.28 0.00	16.03 -1.60 0.00	15.09 -1.40 0.00	14.93 -1.53 0.00	15.49 -1.48 0.00	16.32 -1.50 0.00	19.51 -2.71 0.00	22.17 -3.14 0.00	24.56 -4.00 0.00	22.52 -3.76 0.00	20.38 -2.67 0.00	18.31 -2.15 0.00	17.26 -1.60 0.00
LONG_LAKE_PHOENIX 24014	20.03 -0.16 0.00	19.03 -0.17 0.00	17.37 -0.14 0.00	17.32 -0.17 0.00	17.85 -0.14 0.00	19.79 -0.18 0.00	21.00 -0.30 0.00	23.64 -0.36 0.00	23.29 -0.45 0.00	20.42 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.31 0.00	17.33 -0.30 0.00	16.20 -0.30 0.00	16.14 -0.33 0.00	16.64 -0.32 0.00	17.48 -0.34 0.00	21.74 -0.49 0.00	24.76 -0.56 0.00	27.88 -0.69 0.00	25.67 -0.60 0.00	22.59 -0.46 0.00	20.06 -0.39 0.00	18.54 -0.32 0.00
LOVETT___3 23632	20.61 0.42 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.87 0.57 0.00	24.87 0.86 0.00	24.66 0.93 0.00	21.57 0.79 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.67 0.81 0.00
LOVETT___4 23642	20.61 0.42 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.87 0.57 0.00	24.87 0.86 0.00	24.66 0.93 0.00	21.57 0.79 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.67 0.81 0.00
LOVETT___5 23593	20.61 0.42 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.87 0.57 0.00	24.87 0.86 0.00	24.66 0.93 0.00	21.57 0.79 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.67 0.81 0.00
LOWER RAQUET___HYD 24057	19.46 -0.73 0.00	18.59 -0.62 0.00	16.89 -0.61 0.00	16.93 -0.56 0.00	17.41 -0.58 0.00	19.33 -0.64 0.00	20.63 -0.66 0.00	23.28 -0.72 0.00	23.14 -0.59 0.00	20.17 -0.60 0.00	18.80 -0.62 0.00	17.58 -0.73 0.00	16.86 -0.78 0.00	15.74 -0.76 0.00	15.76 -0.71 0.00	16.23 -0.73 0.00	17.07 -0.75 0.00	21.49 -0.73 0.00	24.58 -0.73 0.00	27.73 -0.83 0.00	25.41 -0.87 0.00	22.22 -0.83 0.00	19.61 -0.84 0.00	18.03 -0.83 0.00
LOWER___HUDSON 24059	20.47 0.28 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.63 0.34 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.09 0.31 0.00	19.67 0.25 0.00	18.60 0.29 0.00	17.97 0.33 0.00	16.81 0.31 0.00	16.79 0.33 0.00	17.30 0.34 0.00	18.16 0.34 0.00	22.83 0.60 0.00	25.97 0.66 0.00	29.36 0.80 0.00	27.09 0.82 0.00	23.67 0.62 0.00	20.98 0.53 0.00	19.33 0.47 0.00
LOWVILLE_115KV_TB2 356335	20.21 0.02 0.00	19.20 0.00 0.00	17.51 0.00 0.00	17.49 0.00 0.00	18.01 0.02 0.00	19.99 0.02 0.00	21.29 0.00 0.00	24.03 0.02 0.00	23.74 0.00 0.00	20.69 -0.08 0.00	19.26 -0.16 0.00	17.84 -0.48 0.00	17.09 -0.55 0.00	15.88 -0.61 0.00	15.86 -0.61 0.00	16.35 -0.61 0.00	17.27 -0.55 0.00	21.74 -0.49 0.00	24.91 -0.41 0.00	28.02 -0.54 0.00	25.83 -0.45 0.00	22.63 -0.41 0.00	20.00 -0.45 0.00	18.41 -0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.77 0.59 0.00	19.74 0.54 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.00 0.70 0.00	24.82 0.82 0.00	24.54 0.81 0.00	21.40 0.62 0.00	19.96 0.54 0.00	18.84 0.53 0.00	18.09 0.46 0.00	16.92 0.43 0.00	16.91 0.44 0.00	17.40 0.44 0.00	18.32 0.50 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.62 1.06 0.00	27.30 1.02 0.00	23.93 0.88 0.00	21.17 0.72 0.00	19.54 0.68 0.00
LUTHERNY_35_KV_BK2 355980	20.77 0.59 0.00	19.76 0.56 0.00	18.03 0.53 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.57 0.60 0.00	22.00 0.70 0.00	24.84 0.84 0.00	24.57 0.83 0.00	21.40 0.62 0.00	19.96 0.54 0.00	18.84 0.53 0.00	18.11 0.48 0.00	16.92 0.43 0.00	16.91 0.44 0.00	17.40 0.44 0.00	18.32 0.50 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.33 1.05 0.00	23.93 0.88 0.00	21.17 0.72 0.00	19.54 0.68 0.00
LWR___OSWEGATCHIE_HYD 23850	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.74 -0.68 0.00	17.45 -0.86 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.06 -0.90 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	17.98 -0.89 0.00

LYONS_FALL_HYD 23570	20.37 0.18 0.00	19.36 0.15 0.00	17.66 0.16 0.00	17.63 0.14 0.00	18.15 0.16 0.00	20.15 0.18 0.00	21.46 0.17 0.00	24.22 0.22 0.00	23.93 0.19 0.00	20.90 0.13 0.00	19.50 0.08 0.00	18.17 -0.15 0.00	17.44 -0.19 0.00	16.23 -0.26 0.00	16.19 -0.28 0.00	16.69 -0.27 0.00	17.59 -0.23 0.00	22.07 -0.15 0.00	25.26 -0.05 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	22.98 -0.07 0.00	20.33 -0.12 0.00	18.73 -0.13 0.00
MADISON___COUNTY_LFGE 323628	20.73 0.55 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.51 0.54 0.00	21.83 0.53 0.00	24.60 0.60 0.00	24.28 0.55 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.64 0.33 0.00	17.93 0.30 0.00	16.71 0.21 0.00	16.66 0.20 0.00	17.18 0.22 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.80 0.48 0.00	29.05 0.49 0.00	26.80 0.53 0.00	23.51 0.46 0.00	20.86 0.41 0.00	19.22 0.36 0.00
MALONE___115KV_TB1 356076	20.11 -0.08 0.00	19.30 0.10 0.00	17.47 -0.04 0.00	17.58 0.09 0.00	18.06 0.07 0.00	20.09 0.12 0.00	21.57 0.28 0.00	24.27 0.26 0.00	24.28 0.55 0.00	21.13 0.35 0.00	19.67 0.25 0.00	18.33 0.02 0.00	17.44 -0.19 0.00	16.30 -0.20 0.00	16.40 -0.07 0.00	16.88 -0.08 0.00	17.80 -0.02 0.00	22.38 0.16 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.36 0.08 0.00	23.05 0.00 0.00	20.33 -0.12 0.00	18.66 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	20.63 0.44 0.00	19.63 0.42 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.43 0.46 0.00	21.83 0.53 0.00	24.65 0.65 0.00	24.40 0.66 0.00	21.30 0.52 0.00	19.89 0.47 0.00	18.81 0.49 0.00	18.09 0.46 0.00	16.94 0.45 0.00	16.93 0.46 0.00	17.44 0.47 0.00	18.32 0.50 0.00	22.92 0.69 0.00	26.10 0.78 0.00	29.51 0.94 0.00	27.20 0.92 0.00	23.79 0.74 0.00	21.11 0.65 0.00	19.47 0.60 0.00
MAPLE_RIDGE_WT_1 323574	20.05 -0.14 0.00	19.11 -0.10 0.00	17.40 -0.10 0.00	17.40 -0.09 0.00	17.92 -0.07 0.00	19.89 -0.08 0.00	21.21 -0.08 0.00	23.91 -0.10 0.00	23.67 -0.07 0.00	20.69 -0.08 0.00	19.30 -0.12 0.00	18.17 -0.15 0.00	17.46 -0.18 0.00	16.31 -0.18 0.00	16.30 -0.16 0.00	16.79 -0.17 0.00	17.66 -0.16 0.00	22.07 -0.15 0.00	25.16 -0.15 0.00	28.33 -0.23 0.00	25.97 -0.31 0.00	22.73 -0.32 0.00	20.10 -0.35 0.00	18.50 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	20.05 -0.14 0.00	19.11 -0.10 0.00	17.40 -0.10 0.00	17.40 -0.09 0.00	17.92 -0.07 0.00	19.89 -0.08 0.00	21.21 -0.08 0.00	23.91 -0.10 0.00	23.67 -0.07 0.00	20.69 -0.08 0.00	19.30 -0.12 0.00	18.17 -0.15 0.00	17.46 -0.18 0.00	16.31 -0.18 0.00	16.30 -0.16 0.00	16.79 -0.17 0.00	17.66 -0.16 0.00	22.07 -0.15 0.00	25.16 -0.15 0.00	28.33 -0.23 0.00	25.97 -0.31 0.00	22.73 -0.32 0.00	20.10 -0.35 0.00	18.50 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	20.25 0.06 0.00	19.32 0.12 0.00	17.59 0.09 0.00	17.60 0.11 0.00	18.08 0.09 0.00	20.09 0.12 0.00	21.42 0.13 0.00	24.15 0.14 0.00	23.95 0.21 0.00	20.94 0.17 0.00	19.56 0.14 0.00	18.35 0.04 0.00	17.60 -0.04 0.00	16.45 -0.05 0.00	16.47 0.00 0.00	16.96 0.00 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.41 0.13 0.00	23.10 0.05 0.00	20.39 -0.06 0.00	18.73 -0.13 0.00
MARSHVLE_115KV_TB1 80742	20.89 0.71 0.00	19.88 0.67 0.00	18.14 0.63 0.00	18.07 0.58 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.06 0.77 0.00	24.89 0.89 0.00	24.59 0.85 0.00	21.44 0.66 0.00	19.98 0.56 0.00	18.75 0.44 0.00	17.98 0.35 0.00	16.81 0.31 0.00	16.76 0.30 0.00	17.30 0.34 0.00	18.25 0.43 0.00	22.92 0.69 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.36 1.08 0.00	24.04 0.99 0.00	21.25 0.80 0.00	19.56 0.70 0.00
MARSH_HILL_WT_PWR 323713	21.24 1.05 0.00	20.14 0.94 0.00	18.38 0.87 0.00	18.35 0.86 0.00	18.94 0.95 0.00	21.01 1.04 0.00	22.49 1.19 0.00	25.20 1.20 0.00	24.66 0.92 0.00	21.71 0.94 0.00	20.27 0.85 0.00	19.06 0.75 0.00	18.14 0.51 0.00	16.87 0.38 0.00	16.73 0.26 0.00	17.18 0.22 0.00	18.17 0.36 0.00	22.49 0.27 0.00	25.79 0.48 0.00	28.93 0.37 0.00	26.62 0.34 0.00	23.42 0.37 0.00	20.72 0.27 0.00	19.05 0.19 0.00
MCINTYRE_115KV_TB2 80467	20.05 -0.14 0.00	19.15 -0.06 0.00	17.42 -0.09 0.00	17.44 -0.05 0.00	17.94 -0.05 0.00	19.93 -0.04 0.00	21.29 0.00 0.00	23.98 -0.02 0.00	23.81 0.07 0.00	20.74 -0.04 0.00	19.32 -0.10 0.00	18.09 -0.22 0.00	17.33 -0.30 0.00	16.20 -0.30 0.00	16.22 -0.25 0.00	16.71 -0.25 0.00	17.55 -0.27 0.00	22.09 -0.13 0.00	25.34 0.03 0.00	28.59 0.03 0.00	26.20 -0.08 0.00	22.93 -0.12 0.00	20.23 -0.22 0.00	18.60 -0.26 0.00
MECO_____69_KV_BK1 80468	21.72 1.53 0.00	20.63 1.42 0.00	18.86 1.35 0.00	18.75 1.26 0.00	19.34 1.35 0.00	21.55 1.58 0.00	22.95 1.66 0.00	25.87 1.87 0.00	25.54 1.80 0.00	22.19 1.41 0.00	20.64 1.22 0.00	19.30 0.99 0.00	18.41 0.78 0.00	17.20 0.71 0.00	17.17 0.71 0.00	17.73 0.76 0.00	18.75 0.93 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.76 2.20 0.00	28.41 2.13 0.00	24.99 1.94 0.00	21.99 1.53 0.00	20.28 1.41 0.00
MENANDS___115KV_TB5 355628	20.57 0.38 0.00	19.59 0.38 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.37 0.40 0.00	21.78 0.49 0.00	24.60 0.60 0.00	24.35 0.62 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.79 0.48 0.00	18.07 0.44 0.00	16.94 0.45 0.00	16.93 0.46 0.00	17.42 0.46 0.00	18.30 0.48 0.00	22.89 0.67 0.00	26.05 0.73 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.74 0.69 0.00	21.07 0.61 0.00	19.45 0.58 0.00
MG INDUSTRY___DRP 24185	20.63 0.44 0.00	19.65 0.44 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.39 0.40 0.00	20.45 0.48 0.00	21.83 0.53 0.00	24.63 0.62 0.00	24.35 0.62 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.75 0.44 0.00	18.04 0.41 0.00	16.89 0.40 0.00	16.86 0.40 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.83 0.60 0.00	26.00 0.68 0.00	29.39 0.83 0.00	27.09 0.81 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.43 0.57 0.00
MID___OSWEGATCHIE_HYD 23849	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.74 -0.68 0.00	17.45 -0.86 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.06 -0.90 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	17.98 -0.89 0.00
MID___RAQUETTE_HYD 23851	19.44 -0.75 0.00	18.59 -0.61 0.00	16.89 -0.61 0.00	16.93 -0.56 0.00	17.41 -0.58 0.00	19.33 -0.64 0.00	20.68 -0.62 0.00	23.28 -0.72 0.00	23.14 -0.59 0.00	20.17 -0.60 0.00	18.80 -0.62 0.00	17.60 -0.71 0.00	16.84 -0.79 0.00	15.74 -0.76 0.00	15.77 -0.69 0.00	16.23 -0.73 0.00	17.07 -0.75 0.00	21.47 -0.76 0.00	24.58 -0.73 0.00	27.73 -0.83 0.00	25.41 -0.87 0.00	22.22 -0.83 0.00	19.61 -0.84 0.00	18.01 -0.85 0.00

MILLIKEN___1 23584	20.75 0.57 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.49 0.50 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.21 0.47 0.00	21.21 0.44 0.00	19.79 0.37 0.00	18.61 0.29 0.00	17.90 0.26 0.00	16.68 0.18 0.00	16.63 0.16 0.00	17.18 0.22 0.00	18.09 0.27 0.00	22.49 0.27 0.00	25.67 0.35 0.00	28.85 0.29 0.00	26.62 0.34 0.00	23.44 0.39 0.00	20.80 0.35 0.00	19.20 0.34 0.00
MILLIKEN___2 23585	20.75 0.57 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.49 0.50 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.21 0.47 0.00	21.21 0.44 0.00	19.79 0.37 0.00	18.61 0.29 0.00	17.90 0.26 0.00	16.68 0.18 0.00	16.63 0.16 0.00	17.18 0.22 0.00	18.09 0.27 0.00	22.49 0.27 0.00	25.67 0.35 0.00	28.85 0.29 0.00	26.62 0.34 0.00	23.44 0.39 0.00	20.80 0.35 0.00	19.20 0.34 0.00
MILLIKEN___DIESEL 23629	20.75 0.57 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.49 0.50 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.21 0.47 0.00	21.21 0.44 0.00	19.79 0.37 0.00	18.61 0.29 0.00	17.90 0.26 0.00	16.68 0.18 0.00	16.63 0.16 0.00	17.18 0.22 0.00	18.09 0.27 0.00	22.49 0.27 0.00	25.67 0.35 0.00	28.85 0.29 0.00	26.62 0.34 0.00	23.44 0.39 0.00	20.80 0.35 0.00	19.20 0.34 0.00
MILLSEAT___LFGE 323607	19.72 -0.46 0.00	18.65 -0.56 0.00	17.12 -0.39 0.00	16.98 -0.51 0.00	17.52 -0.47 0.00	19.31 -0.66 0.00	20.42 -0.87 0.00	22.08 -1.92 0.00	21.62 -2.11 0.00	19.39 -1.39 0.00	18.31 -1.11 0.00	17.34 -0.97 0.00	16.33 -1.30 0.00	15.34 -1.16 0.00	15.20 -1.27 0.00	15.78 -1.19 0.00	16.62 -1.19 0.00	19.96 -2.27 0.00	22.71 -2.61 0.00	25.25 -3.31 0.00	23.20 -3.07 0.00	20.91 -2.14 0.00	18.71 -1.74 0.00	17.58 -1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.67 0.48 0.00	19.63 0.42 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.41 0.44 0.00	21.93 0.64 0.00	24.94 0.94 0.00	24.71 0.97 0.00	21.61 0.83 0.00	20.24 0.82 0.00	19.08 0.77 0.00	18.44 0.81 0.00	17.29 0.79 0.00	17.27 0.81 0.00	17.74 0.78 0.00	18.64 0.82 0.00	23.32 1.09 0.00	26.58 1.27 0.00	30.13 1.57 0.00	27.72 1.45 0.00	24.22 1.18 0.00	21.52 1.06 0.00	19.73 0.87 0.00
MILLWOOD_13_KV_LOAD 356217	20.71 0.52 0.00	19.66 0.46 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.43 0.46 0.00	21.95 0.66 0.00	24.96 0.96 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.25 0.84 0.00	19.10 0.79 0.00	18.46 0.83 0.00	17.30 0.81 0.00	17.27 0.81 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.36 1.13 0.00	26.61 1.29 0.00	30.19 1.63 0.00	27.78 1.50 0.00	24.29 1.24 0.00	21.56 1.10 0.00	19.75 0.89 0.00
MODEL_CITY_ENERGY 24167	19.22 -0.97 0.00	18.15 -1.06 0.00	16.68 -0.82 0.00	16.55 -0.94 0.00	17.04 -0.95 0.00	18.77 -1.20 0.00	19.82 -1.47 0.00	21.29 -2.71 0.00	20.86 -2.87 0.00	18.74 -2.04 0.00	17.75 -1.67 0.00	16.85 -1.47 0.00	15.85 -1.78 0.00	14.93 -1.57 0.00	14.77 -1.70 0.00	15.34 -1.63 0.00	16.16 -1.66 0.00	19.29 -2.93 0.00	21.90 -3.42 0.00	24.28 -4.29 0.00	22.26 -4.02 0.00	20.14 -2.90 0.00	18.10 -2.35 0.00	17.07 -1.79 0.00
MODERN_LFGE___ 323580	19.22 -0.97 0.00	18.15 -1.06 0.00	16.68 -0.82 0.00	16.55 -0.94 0.00	17.04 -0.95 0.00	18.77 -1.20 0.00	19.82 -1.47 0.00	21.29 -2.71 0.00	20.86 -2.87 0.00	18.74 -2.04 0.00	17.75 -1.67 0.00	16.85 -1.47 0.00	15.85 -1.78 0.00	14.93 -1.57 0.00	14.77 -1.70 0.00	15.34 -1.63 0.00	16.16 -1.66 0.00	19.29 -2.93 0.00	21.90 -3.42 0.00	24.28 -4.29 0.00	22.26 -4.02 0.00	20.14 -2.90 0.00	18.10 -2.35 0.00	17.07 -1.79 0.00
MOHAWK_PAPER___DRP 24187	20.63 0.44 0.00	19.63 0.42 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.43 0.46 0.00	21.83 0.53 0.00	24.65 0.65 0.00	24.40 0.66 0.00	21.30 0.52 0.00	19.89 0.47 0.00	18.81 0.49 0.00	18.09 0.46 0.00	16.94 0.45 0.00	16.93 0.46 0.00	17.44 0.47 0.00	18.32 0.50 0.00	22.92 0.69 0.00	26.10 0.78 0.00	29.51 0.94 0.00	27.20 0.92 0.00	23.79 0.74 0.00	21.11 0.65 0.00	19.47 0.60 0.00
MOHICAN___35_KV_115KV_LD 80490	20.83 0.65 0.00	19.80 0.60 0.00	18.07 0.56 0.00	18.02 0.52 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.08 0.79 0.00	24.94 0.94 0.00	24.66 0.93 0.00	21.46 0.69 0.00	20.00 0.58 0.00	18.84 0.53 0.00	18.07 0.44 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.34 0.37 0.00	18.28 0.46 0.00	23.00 0.78 0.00	26.23 0.91 0.00	29.73 1.17 0.00	27.41 1.13 0.00	23.99 0.95 0.00	21.19 0.74 0.00	19.56 0.70 0.00
MONGAUP___HYD 23641	20.51 0.32 0.00	19.45 0.25 0.00	17.70 0.19 0.00	17.70 0.21 0.00	18.19 0.20 0.00	20.25 0.28 0.00	21.44 0.15 0.00	24.31 0.31 0.00	24.11 0.38 0.00	21.21 0.44 0.00	19.75 0.33 0.00	18.62 0.31 0.00	18.02 0.39 0.00	16.84 0.35 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.17 0.36 0.00	22.69 0.47 0.00	25.92 0.61 0.00	29.45 0.89 0.00	27.09 0.82 0.00	23.69 0.64 0.00	21.19 0.74 0.00	19.41 0.55 0.00
MONTAUK___DIESEL 23721	21.32 1.13 0.00	20.45 1.25 0.00	18.54 1.03 0.00	18.47 0.98 0.00	19.00 1.01 0.00	21.15 1.18 0.00	22.85 1.55 0.00	26.33 2.33 0.00	26.13 2.40 0.00	23.00 2.22 0.00	21.54 2.12 0.00	20.07 1.76 0.00	19.18 1.55 0.00	18.08 1.58 0.00	17.93 1.47 0.00	18.37 1.41 0.00	19.33 1.51 0.00	24.03 1.80 0.00	27.64 2.33 0.00	31.36 2.80 0.00	28.99 2.71 0.00	26.79 2.47 -1.27	23.26 2.19 -0.62	20.71 1.85 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.47 0.28 0.00	19.32 0.12 0.00	17.73 0.23 0.00	17.68 0.19 0.00	18.17 0.18 0.00	20.01 0.04 0.00	21.32 0.02 0.00	23.23 -0.77 0.00	22.72 -1.02 0.00	20.15 -0.62 0.00	18.86 -0.56 0.00	17.65 -0.66 0.00	16.87 -0.76 0.00	15.50 -0.99 0.00	15.25 -1.22 0.00	15.89 -1.07 0.00	16.70 -1.12 0.00	20.31 -1.91 0.00	22.96 -2.35 0.00	25.45 -3.11 0.00	23.28 -3.00 0.00	20.97 -2.07 0.00	18.86 -1.60 0.00	17.83 -1.04 0.00
MORTIMER_115KV_TB3 55949	19.82 -0.36 0.00	18.78 -0.42 0.00	17.19 -0.32 0.00	17.11 -0.38 0.00	17.65 -0.34 0.00	19.51 -0.46 0.00	20.70 -0.60 0.00	22.97 -1.03 0.00	22.57 -1.16 0.00	19.93 -0.85 0.00	18.68 -0.74 0.00	17.63 -0.68 0.00	16.96 -0.67 0.00	15.75 -0.74 0.00	15.64 -0.82 0.00	16.23 -0.73 0.00	17.02 -0.80 0.00	20.94 -1.29 0.00	23.67 -1.65 0.00	26.45 -2.11 0.00	24.33 -1.94 0.00	21.69 -1.36 0.00	19.33 -1.12 0.00	18.05 -0.81 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.73 0.96 0.00	20.37 0.95 0.00	19.23 0.92 0.00	18.60 0.97 0.00	17.43 0.94 0.00	17.40 0.94 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.49 1.27 0.00	26.76 1.44 0.00	30.36 1.80 0.00	27.93 1.66 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.82 0.96 0.00

MUNSVILLE_WIND_PWR 323609	22.11 1.92 0.00	20.95 1.75 0.00	19.19 1.68 0.00	19.10 1.61 0.00	19.73 1.74 0.00	21.89 1.92 0.00	23.32 2.02 0.00	26.28 2.28 0.00	25.78 2.04 0.00	22.56 1.79 0.00	20.97 1.55 0.00	19.61 1.30 0.00	18.74 1.11 0.00	17.47 0.97 0.00	17.40 0.94 0.00	18.03 1.07 0.00	18.99 1.18 0.00	23.78 1.56 0.00	27.31 2.00 0.00	30.62 2.06 0.00	28.30 2.02 0.00	24.92 1.87 0.00	22.05 1.60 0.00	20.26 1.40 0.00
N SALMON___HYD 24042	20.11 -0.08 0.00	19.30 0.10 0.00	17.47 -0.03 0.00	17.58 0.09 0.00	18.06 0.07 0.00	20.09 0.12 0.00	21.46 0.17 0.00	24.24 0.24 0.00	24.26 0.52 0.00	21.11 0.33 0.00	19.67 0.25 0.00	18.33 0.02 0.00	17.44 -0.19 0.00	16.28 -0.21 0.00	16.38 -0.08 0.00	16.88 -0.08 0.00	17.80 -0.02 0.00	22.38 0.16 0.00	25.59 0.28 0.00	28.88 0.31 0.00	26.36 0.08 0.00	23.05 0.00 0.00	20.33 -0.12 0.00	18.66 -0.21 0.00
N.AKRON___115KV_KNAPP 355671	19.74 -0.44 0.00	18.65 -0.56 0.00	17.10 -0.40 0.00	17.00 -0.49 0.00	17.52 -0.47 0.00	19.33 -0.64 0.00	20.48 -0.81 0.00	22.42 -1.58 0.00	21.96 -1.78 0.00	19.49 -1.29 0.00	18.29 -1.13 0.00	17.27 -1.04 0.00	16.59 -1.04 0.00	15.31 -1.19 0.00	15.15 -1.32 0.00	15.81 -1.15 0.00	16.57 -1.25 0.00	20.18 -2.04 0.00	22.71 -2.61 0.00	25.22 -3.34 0.00	23.18 -3.10 0.00	20.86 -2.19 0.00	18.69 -1.76 0.00	17.64 -1.23 0.00
N.BELMOR_69_KV_BK1 55787	20.97 0.79 0.00	19.97 0.77 0.00	18.10 0.60 0.00	18.05 0.56 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.27 0.98 0.00	25.39 1.39 0.00	25.21 1.47 0.00	22.04 1.27 0.00	20.66 1.24 0.00	19.37 1.06 0.00	18.67 1.04 0.00	17.57 1.07 0.00	17.47 1.00 0.00	17.95 0.98 0.00	18.87 1.05 0.00	23.63 1.40 0.00	27.04 1.72 0.00	30.62 2.06 0.00	28.25 1.97 0.00	26.05 1.73 0.00	22.63 1.55 0.00	20.15 1.28 0.00
N.E_GEN_SANDY PD 24062	20.41 0.22 0.00	19.44 0.23 0.00	17.70 0.19 0.00	17.70 0.21 0.00	18.19 0.20 0.00	19.80 0.26 0.43	22.00 0.28 -0.43	24.41 0.41 0.00	24.21 0.47 0.00	21.11 0.33 0.00	19.72 0.31 0.01	18.67 0.35 -0.01	18.07 0.44 0.00	16.94 0.45 0.00	16.91 0.44 0.00	17.42 0.46 0.00	18.41 0.45 -0.14	22.79 0.71 0.14	26.10 0.79 0.00	29.54 0.97 0.00	27.03 0.94 0.19	23.93 0.69 -0.19	21.09 0.63 0.00	19.41 0.55 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.39 0.42 0.00	21.91 0.62 0.00	24.91 0.91 0.00	24.71 0.97 0.00	21.61 0.83 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.43 0.79 0.00	17.27 0.78 0.00	17.24 0.77 0.00	17.73 0.76 0.00	18.62 0.80 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.11 1.54 0.00	27.67 1.39 0.00	24.22 1.18 0.00	21.50 1.04 0.00	19.71 0.85 0.00
N.QUEENS_27_KV_LOAD 356247	20.85 0.67 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.49 0.52 0.00	21.98 0.68 0.00	25.01 1.01 0.00	24.80 1.07 0.00	21.69 0.91 0.00	20.37 0.95 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.90 0.93 0.00	18.76 0.94 0.00	23.56 1.33 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.96 1.68 0.00	24.34 1.29 0.00	21.70 1.25 0.00	19.90 1.04 0.00
N.TROY___115KV_TB1 355778	20.47 0.28 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.26 0.52 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.70 0.38 0.00	17.98 0.35 0.00	16.86 0.36 0.00	16.84 0.38 0.00	17.34 0.37 0.00	18.23 0.41 0.00	22.80 0.58 0.00	25.97 0.66 0.00	29.36 0.80 0.00	27.07 0.79 0.00	23.67 0.62 0.00	20.98 0.53 0.00	19.37 0.51 0.00
NARROWS_GT1_1 24228	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_2 24229	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_3 24230	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_4 24231	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_5 24232	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_6 24233	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT1_7 24234	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00

NARROWS_GT1_8 24235	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_1 24236	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_2 24237	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_3 24238	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_4 24239	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_5 24240	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_6 24241	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_7 24242	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NARROWS_GT2_8 24243	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.93 0.75 0.00	19.91 0.71 0.00	18.17 0.67 0.00	18.16 0.66 0.00	18.66 0.67 0.00	20.75 0.78 0.00	22.17 0.87 0.00	24.96 0.96 0.00	24.71 0.97 0.00	21.50 0.73 0.00	19.96 0.54 0.00	18.83 0.51 0.00	18.07 0.44 0.00	16.91 0.41 0.00	16.89 0.43 0.00	17.40 0.44 0.00	18.34 0.52 0.00	23.00 0.78 0.00	26.30 0.99 0.00	29.82 1.26 0.00	27.51 1.24 0.00	24.06 1.01 0.00	21.31 0.86 0.00	19.67 0.81 0.00
NCHELSEA_115KV_TR2 355582	20.75 0.57 0.00	19.70 0.50 0.00	17.93 0.42 0.00	17.93 0.44 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.00 0.70 0.00	24.94 0.94 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.37 0.74 0.00	17.22 0.73 0.00	17.21 0.74 0.00	17.69 0.73 0.00	18.58 0.77 0.00	23.27 1.04 0.00	26.55 1.24 0.00	30.13 1.57 0.00	27.72 1.45 0.00	24.25 1.20 0.00	21.52 1.06 0.00	19.75 0.89 0.00
NEG CAPITAL___MECHNVIL 23645	20.75 0.56 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.91 0.62 0.00	24.75 0.74 0.00	24.47 0.74 0.00	21.34 0.56 0.00	19.87 0.45 0.00	18.77 0.46 0.00	18.07 0.44 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.33 1.05 0.00	23.90 0.85 0.00	21.17 0.72 0.00	19.52 0.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.50 -0.69 0.00	18.49 -0.71 0.00	16.93 -0.58 0.00	16.83 -0.66 0.00	17.38 -0.61 0.00	19.21 -0.76 0.00	20.42 -0.87 0.00	22.63 -1.37 0.00	22.26 -1.47 0.00	19.72 -1.06 0.00	18.51 -0.91 0.00	17.49 -0.82 0.00	16.66 -0.97 0.00	15.60 -0.89 0.00	15.53 -0.94 0.00	16.06 -0.90 0.00	16.89 -0.93 0.00	20.67 -1.56 0.00	23.52 -1.80 0.00	26.34 -2.23 0.00	24.23 -2.05 0.00	21.53 -1.52 0.00	19.16 -1.29 0.00	17.81 -1.06 0.00
NEG CENTRAL___DRP 24199	20.73 0.55 0.00	19.68 0.48 0.00	17.96 0.46 0.00	17.91 0.42 0.00	18.49 0.50 0.00	20.51 0.54 0.00	21.87 0.57 0.00	24.70 0.70 0.00	24.26 0.52 0.00	21.28 0.50 0.00	19.85 0.43 0.00	18.64 0.33 0.00	17.93 0.30 0.00	16.69 0.20 0.00	16.61 0.15 0.00	17.15 0.19 0.00	18.05 0.23 0.00	22.38 0.16 0.00	25.52 0.20 0.00	28.65 0.09 0.00	26.41 0.13 0.00	23.28 0.23 0.00	20.66 0.20 0.00	19.09 0.23 0.00
NEG CENTRAL___INDECK 23768	20.93 0.75 0.00	19.84 0.63 0.00	18.12 0.61 0.00	18.03 0.54 0.00	18.66 0.67 0.00	20.65 0.68 0.00	22.04 0.74 0.00	24.46 0.45 0.00	23.88 0.14 0.00	21.09 0.31 0.00	19.69 0.27 0.00	18.53 0.22 0.00	17.61 -0.02 0.00	16.41 -0.08 0.00	16.32 -0.15 0.00	16.81 -0.15 0.00	17.77 -0.05 0.00	21.89 -0.33 0.00	25.14 -0.18 0.00	28.22 -0.34 0.00	26.04 -0.24 0.00	23.10 0.05 0.00	20.47 0.02 0.00	18.94 0.08 0.00

NEG CENTRAL___SENECA 23627	21.08 0.89 0.00	19.99 0.79 0.00	18.24 0.74 0.00	18.19 0.70 0.00	18.80 0.81 0.00	20.85 0.88 0.00	22.29 1.00 0.00	25.23 1.22 0.00	24.69 0.95 0.00	21.65 0.87 0.00	20.18 0.76 0.00	18.95 0.64 0.00	18.20 0.56 0.00	16.91 0.41 0.00	16.81 0.35 0.00	17.35 0.39 0.00	18.30 0.48 0.00	22.63 0.40 0.00	25.82 0.51 0.00	28.96 0.40 0.00	26.70 0.42 0.00	23.56 0.51 0.00	20.90 0.45 0.00	19.33 0.47 0.00
NEG CENTRAL___STATE_STREET 24147	20.41 0.22 0.00	19.38 0.17 0.00	17.68 0.18 0.00	17.65 0.16 0.00	18.19 0.20 0.00	20.19 0.22 0.00	21.51 0.21 0.00	24.22 0.22 0.00	23.88 0.14 0.00	20.94 0.17 0.00	19.54 0.12 0.00	18.39 0.07 0.00	17.70 0.07 0.00	16.51 0.02 0.00	16.47 0.00 0.00	17.00 0.03 0.00	17.89 0.07 0.00	22.23 0.00 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	23.07 0.02 0.00	20.45 0.00 0.00	18.90 0.04 0.00
NEG MILLWOOD___DRP 24198	20.79 0.61 0.00	19.76 0.56 0.00	17.98 0.47 0.00	17.98 0.49 0.00	18.44 0.45 0.00	20.53 0.56 0.00	22.04 0.75 0.00	25.03 1.03 0.00	24.85 1.12 0.00	21.69 0.91 0.00	20.25 0.84 0.00	19.08 0.77 0.00	18.43 0.79 0.00	17.25 0.76 0.00	17.26 0.79 0.00	17.74 0.78 0.00	18.60 0.78 0.00	23.36 1.13 0.00	26.66 1.34 0.00	30.28 1.71 0.00	27.88 1.60 0.00	24.34 1.29 0.00	21.58 1.12 0.00	19.79 0.92 0.00
NEG NORTH_FLCN_SEA 23793	20.49 0.30 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.33 0.36 0.00	21.70 0.40 0.00	24.43 0.43 0.00	24.23 0.50 0.00	21.21 0.44 0.00	19.79 0.37 0.00	18.55 0.24 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.13 0.17 0.00	18.05 0.23 0.00	22.67 0.44 0.00	25.90 0.58 0.00	29.25 0.69 0.00	26.70 0.42 0.00	23.37 0.32 0.00	20.62 0.16 0.00	18.94 0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	20.25 0.06 0.00	19.32 0.12 0.00	17.58 0.07 0.00	17.58 0.09 0.00	18.08 0.09 0.00	20.07 0.10 0.00	21.44 0.15 0.00	24.15 0.14 0.00	23.93 0.19 0.00	20.92 0.15 0.00	19.52 0.10 0.00	18.29 -0.02 0.00	17.56 -0.07 0.00	16.43 -0.07 0.00	16.43 -0.03 0.00	16.93 -0.03 0.00	17.85 0.04 0.00	22.40 0.18 0.00	25.62 0.30 0.00	28.91 0.34 0.00	26.41 0.13 0.00	23.12 0.07 0.00	20.39 -0.06 0.00	18.75 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	20.49 0.30 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.74 0.45 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.26 0.48 0.00	19.83 0.41 0.00	18.57 0.26 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.65 0.18 0.00	17.15 0.19 0.00	18.07 0.25 0.00	22.72 0.49 0.00	25.97 0.66 0.00	29.31 0.74 0.00	26.75 0.47 0.00	23.39 0.35 0.00	20.62 0.16 0.00	18.94 0.08 0.00
NEG NORTH___LWR_SARANAC 23913	20.49 0.30 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.74 0.45 0.00	24.48 0.48 0.00	24.28 0.55 0.00	21.26 0.48 0.00	19.83 0.41 0.00	18.57 0.26 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.65 0.18 0.00	17.15 0.19 0.00	18.07 0.25 0.00	22.72 0.49 0.00	25.97 0.66 0.00	29.31 0.74 0.00	26.75 0.47 0.00	23.39 0.35 0.00	20.62 0.16 0.00	18.94 0.08 0.00
NEG NORTH___PLATTSBURG 23628	20.49 0.30 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.35 0.38 0.00	21.70 0.40 0.00	24.46 0.45 0.00	24.28 0.55 0.00	21.23 0.46 0.00	19.83 0.41 0.00	18.57 0.26 0.00	17.77 0.14 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.15 0.19 0.00	18.05 0.23 0.00	22.71 0.49 0.00	25.97 0.66 0.00	29.30 0.74 0.00	26.75 0.47 0.00	23.40 0.35 0.00	20.62 0.16 0.00	18.94 0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	19.44 -0.75 0.00	18.36 -0.84 0.00	16.84 -0.67 0.00	16.74 -0.75 0.00	17.23 -0.76 0.00	18.99 -0.98 0.00	20.12 -1.17 0.00	21.94 -2.06 0.00	21.48 -2.25 0.00	19.07 -1.70 0.00	17.92 -1.50 0.00	16.94 -1.37 0.00	16.31 -1.32 0.00	15.06 -1.44 0.00	14.88 -1.58 0.00	15.54 -1.42 0.00	16.29 -1.53 0.00	19.74 -2.49 0.00	22.18 -3.14 0.00	24.54 -4.03 0.00	22.52 -3.76 0.00	20.35 -2.70 0.00	18.30 -2.15 0.00	17.32 -1.55 0.00
NEG WEST___LANCASTER 23811	20.37 0.18 0.00	19.22 0.02 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.06 0.07 0.00	19.91 -0.06 0.00	21.25 -0.04 0.00	23.21 -0.79 0.00	22.79 -0.95 0.00	20.17 -0.60 0.00	18.95 -0.47 0.00	17.87 -0.44 0.00	17.17 -0.46 0.00	15.90 -0.59 0.00	15.71 -0.76 0.00	16.35 -0.61 0.00	17.18 -0.64 0.00	20.87 -1.36 0.00	23.57 -1.75 0.00	26.14 -2.43 0.00	23.94 -2.34 0.00	21.57 -1.48 0.00	19.37 -1.08 0.00	18.28 -0.58 0.00
NEG_PENN_ALLEGHNY 23528	20.47 0.28 0.00	19.42 0.21 0.00	17.73 0.23 0.00	17.70 0.21 0.00	18.22 0.23 0.00	20.19 0.22 0.00	21.57 0.28 0.00	24.17 0.17 0.00	23.81 0.07 0.00	20.92 0.15 0.00	19.57 0.15 0.00	18.46 0.15 0.00	17.70 0.07 0.00	16.56 0.07 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.91 0.09 0.00	22.16 -0.07 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.15 -0.13 0.00	23.07 0.02 0.00	20.53 0.08 0.00	18.94 0.08 0.00
NEG___GEN_MONROE 24207	19.76 -0.42 0.00	18.70 -0.50 0.00	17.17 -0.33 0.00	17.11 -0.38 0.00	17.67 -0.32 0.00	19.51 -0.46 0.00	20.68 -0.62 0.00	22.85 -1.15 0.00	22.43 -1.31 0.00	19.80 -0.98 0.00	18.57 -0.85 0.00	17.51 -0.81 0.00	16.86 -0.78 0.00	15.65 -0.84 0.00	15.53 -0.94 0.00	16.12 -0.85 0.00	16.87 -0.94 0.00	20.69 -1.53 0.00	23.39 -1.92 0.00	26.19 -2.37 0.00	24.10 -2.18 0.00	21.50 -1.54 0.00	19.18 -1.27 0.00	17.99 -0.87 0.00
NEPA___ENERGY 23901	20.09 -0.10 0.00	18.95 -0.25 0.00	17.37 -0.14 0.00	17.33 -0.16 0.00	17.83 -0.16 0.00	19.63 -0.34 0.00	20.95 -0.34 0.00	22.99 -1.01 0.00	22.55 -1.19 0.00	19.97 -0.81 0.00	18.76 -0.66 0.00	17.69 -0.62 0.00	16.98 -0.65 0.00	15.72 -0.78 0.00	15.53 -0.94 0.00	16.17 -0.80 0.00	16.98 -0.84 0.00	20.63 -1.60 0.00	23.29 -2.03 0.00	25.82 -2.74 0.00	23.65 -2.63 0.00	21.32 -1.73 0.00	19.18 -1.27 0.00	18.03 -0.83 0.00
NEVERSINK___HYD 23608	20.89 0.71 0.00	19.82 0.61 0.00	18.02 0.51 0.00	18.03 0.54 0.00	18.51 0.52 0.00	20.61 0.64 0.00	22.02 0.72 0.00	25.01 1.01 0.00	24.81 1.07 0.00	21.67 0.89 0.00	20.16 0.74 0.00	19.01 0.70 0.00	18.39 0.76 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.53 0.71 0.00	23.31 1.09 0.00	26.66 1.34 0.00	30.25 1.68 0.00	27.86 1.58 0.00	24.34 1.29 0.00	21.62 1.17 0.00	19.79 0.92 0.00
NEWKRMKL_115KV_TB1 55635	20.65 0.46 0.00	19.66 0.46 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.40 0.41 0.00	20.47 0.50 0.00	21.87 0.57 0.00	24.70 0.70 0.00	24.45 0.71 0.00	21.34 0.56 0.00	19.94 0.52 0.00	18.84 0.53 0.00	18.13 0.49 0.00	16.97 0.48 0.00	16.96 0.49 0.00	17.46 0.49 0.00	18.35 0.53 0.00	22.94 0.71 0.00	26.12 0.81 0.00	29.53 0.97 0.00	27.23 0.95 0.00	23.83 0.78 0.00	21.15 0.70 0.00	19.50 0.64 0.00

NEWTON___FALLS_HYD 23847	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.74 -0.68 0.00	17.45 -0.86 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.06 -0.90 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	17.98 -0.89 0.00
NGRID_A1_DSASP 323792	19.12 -1.07 0.00	18.07 -1.13 0.00	16.61 -0.89 0.00	16.48 -1.01 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.72 -1.58 0.00	21.17 -2.83 0.00	20.74 -2.99 0.00	18.66 -2.12 0.00	17.65 -1.77 0.00	16.77 -1.54 0.00	15.80 -1.83 0.00	14.89 -1.60 0.00	14.74 -1.73 0.00	15.28 -1.68 0.00	16.11 -1.71 0.00	19.20 -3.02 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.13 -4.15 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
NGRID_A2_DSASP 323793	19.12 -1.07 0.00	18.07 -1.13 0.00	16.61 -0.89 0.00	16.48 -1.01 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.72 -1.58 0.00	21.17 -2.83 0.00	20.74 -2.99 0.00	18.66 -2.12 0.00	17.65 -1.77 0.00	16.77 -1.54 0.00	15.80 -1.83 0.00	14.89 -1.60 0.00	14.74 -1.73 0.00	15.28 -1.68 0.00	16.11 -1.71 0.00	19.20 -3.02 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.13 -4.15 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
NGRID_A4_DSASP 323807	19.12 -1.07 0.00	18.07 -1.13 0.00	16.61 -0.89 0.00	16.48 -1.01 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.72 -1.58 0.00	21.17 -2.83 0.00	20.74 -2.99 0.00	18.66 -2.12 0.00	17.65 -1.77 0.00	16.77 -1.54 0.00	15.80 -1.83 0.00	14.89 -1.60 0.00	14.74 -1.73 0.00	15.28 -1.68 0.00	16.11 -1.71 0.00	19.20 -3.02 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.13 -4.15 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
NIAGARA_115E_LBMP 323715	19.08 -1.11 0.00	18.03 -1.17 0.00	16.58 -0.93 0.00	16.44 -1.05 0.00	16.93 -1.06 0.00	18.65 -1.32 0.00	19.67 -1.62 0.00	21.12 -2.88 0.00	20.70 -3.04 0.00	18.62 -2.16 0.00	17.61 -1.81 0.00	16.74 -1.57 0.00	15.75 -1.89 0.00	14.85 -1.65 0.00	14.69 -1.78 0.00	15.23 -1.73 0.00	16.05 -1.76 0.00	19.16 -3.07 0.00	21.75 -3.57 0.00	24.11 -4.46 0.00	22.10 -4.18 0.00	20.01 -3.04 0.00	18.00 -2.45 0.00	16.96 -1.90 0.00
NIAGARA_115W_LBMP 323714	19.08 -1.11 0.00	18.03 -1.17 0.00	16.58 -0.93 0.00	16.44 -1.05 0.00	16.93 -1.06 0.00	18.65 -1.32 0.00	19.67 -1.62 0.00	21.12 -2.88 0.00	20.70 -3.04 0.00	18.62 -2.16 0.00	17.61 -1.81 0.00	16.76 -1.56 0.00	15.76 -1.87 0.00	14.86 -1.63 0.00	14.70 -1.76 0.00	15.27 -1.70 0.00	16.07 -1.75 0.00	19.16 -3.07 0.00	21.75 -3.57 0.00	24.08 -4.48 0.00	22.07 -4.21 0.00	20.01 -3.04 0.00	18.00 -2.45 0.00	16.98 -1.89 0.00
NIAGARA_230_LBMP 323716	19.26 -0.93 0.00	18.20 -1.00 0.00	16.74 -0.77 0.00	16.60 -0.89 0.00	17.09 -0.90 0.00	18.83 -1.14 0.00	19.89 -1.41 0.00	21.41 -2.59 0.00	20.98 -2.75 0.00	18.85 -1.93 0.00	17.83 -1.59 0.00	16.94 -1.37 0.00	15.96 -1.68 0.00	15.04 -1.45 0.00	14.88 -1.58 0.00	15.45 -1.51 0.00	16.27 -1.55 0.00	19.43 -2.80 0.00	22.05 -3.27 0.00	24.45 -4.11 0.00	22.42 -3.86 0.00	20.28 -2.77 0.00	18.24 -2.21 0.00	17.18 -1.68 0.00
NIAGARA___115KV_198_GIBSON 55903	19.08 -1.11 0.00	18.03 -1.17 0.00	16.54 -0.96 0.00	16.44 -1.05 0.00	16.93 -1.06 0.00	18.65 -1.32 0.00	19.74 -1.55 0.00	21.51 -2.50 0.00	21.08 -2.66 0.00	18.72 -2.06 0.00	17.59 -1.83 0.00	16.66 -1.65 0.00	16.05 -1.59 0.00	14.83 -1.67 0.00	14.65 -1.81 0.00	15.30 -1.66 0.00	16.02 -1.80 0.00	19.40 -2.82 0.00	21.75 -3.57 0.00	24.08 -4.48 0.00	22.10 -4.18 0.00	19.98 -3.07 0.00	18.00 -2.45 0.00	17.05 -1.81 0.00
NIAGARA____ 23760	19.26 -0.93 0.00	18.20 -1.00 0.00	16.74 -0.77 0.00	16.60 -0.89 0.00	17.09 -0.90 0.00	18.83 -1.14 0.00	19.89 -1.41 0.00	21.41 -2.59 0.00	20.98 -2.75 0.00	18.85 -1.93 0.00	17.83 -1.59 0.00	16.94 -1.37 0.00	15.96 -1.68 0.00	15.04 -1.45 0.00	14.88 -1.58 0.00	15.45 -1.51 0.00	16.27 -1.55 0.00	19.43 -2.80 0.00	22.05 -3.27 0.00	24.45 -4.11 0.00	22.42 -3.86 0.00	20.28 -2.77 0.00	18.24 -2.21 0.00	17.18 -1.68 0.00
NINE_MILE_1 23575	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	18.99 -0.43 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.54 -0.69 0.00	24.53 -0.78 0.00	27.62 -0.94 0.00	25.41 -0.87 0.00	22.36 -0.69 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
NINE_MILE_2 23744	19.82 -0.36 0.00	18.86 -0.35 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.89 -0.41 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	19.01 -0.41 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.54 -0.69 0.00	24.53 -0.78 0.00	27.62 -0.94 0.00	25.41 -0.87 0.00	22.36 -0.69 0.00	19.88 -0.57 0.00	18.39 -0.47 0.00
NM_CAPITAL___DRP 24208	20.57 0.38 0.00	19.59 0.38 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.37 0.40 0.00	21.78 0.49 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.79 0.48 0.00	18.07 0.44 0.00	16.94 0.45 0.00	16.91 0.44 0.00	17.42 0.46 0.00	18.30 0.48 0.00	22.87 0.64 0.00	26.05 0.73 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.74 0.69 0.00	21.07 0.61 0.00	19.45 0.58 0.00
NM_CENTRAL___DRP 24181	20.19 0.00 0.00	19.18 -0.02 0.00	17.51 0.00 0.00	17.47 -0.02 0.00	17.99 0.00 0.00	19.95 -0.02 0.00	21.19 -0.11 0.00	23.81 -0.19 0.00	23.48 -0.26 0.00	20.61 -0.17 0.00	19.26 -0.16 0.00	18.17 -0.15 0.00	17.51 -0.12 0.00	16.35 -0.15 0.00	16.28 -0.18 0.00	16.79 -0.17 0.00	17.64 -0.18 0.00	21.91 -0.31 0.00	24.93 -0.38 0.00	28.08 -0.49 0.00	25.86 -0.42 0.00	22.75 -0.30 0.00	20.23 -0.22 0.00	18.69 -0.17 0.00
NM_FRONTIER___DRP 24179	19.08 -1.11 0.00	18.03 -1.17 0.00	16.54 -0.96 0.00	16.44 -1.05 0.00	16.93 -1.06 0.00	18.65 -1.32 0.00	19.74 -1.55 0.00	21.51 -2.50 0.00	21.08 -2.66 0.00	18.72 -2.06 0.00	17.59 -1.83 0.00	16.66 -1.65 0.00	16.05 -1.59 0.00	14.83 -1.67 0.00	14.65 -1.81 0.00	15.30 -1.66 0.00	16.02 -1.80 0.00	19.40 -2.82 0.00	21.75 -3.57 0.00	24.08 -4.48 0.00	22.10 -4.18 0.00	19.98 -3.07 0.00	18.00 -2.45 0.00	17.05 -1.81 0.00
NM_ST_REGIS___HYD 24053	19.58 -0.61 0.00	18.74 -0.46 0.00	17.02 -0.49 0.00	17.07 -0.42 0.00	17.56 -0.43 0.00	19.49 -0.48 0.00	20.87 -0.43 0.00	23.50 -0.50 0.00	23.40 -0.33 0.00	20.38 -0.39 0.00	18.99 -0.43 0.00	17.74 -0.57 0.00	16.96 -0.67 0.00	15.85 -0.64 0.00	15.91 -0.56 0.00	16.37 -0.59 0.00	17.23 -0.59 0.00	21.69 -0.53 0.00	24.81 -0.51 0.00	27.99 -0.57 0.00	25.62 -0.66 0.00	22.40 -0.65 0.00	19.78 -0.67 0.00	18.16 -0.70 0.00

NORTHPORT___1 23551	20.79 0.61 0.00	19.84 0.63 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.44 0.45 0.00	20.51 0.54 0.00	21.93 0.64 0.00	25.15 1.15 0.00	24.83 1.09 0.00	21.77 1.00 0.00	20.37 0.95 0.00	19.12 0.80 0.00	18.48 0.85 0.00	17.35 0.86 0.00	17.30 0.84 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.49 1.27 0.00	26.91 1.60 0.00	30.22 1.66 0.00	28.07 1.79 0.00	25.94 1.61 -1.27	22.50 1.43 -0.62	20.05 1.19 0.00
NORTHPORT___2 23552	20.79 0.61 0.00	19.84 0.63 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.44 0.45 0.00	20.51 0.54 0.00	21.93 0.64 0.00	25.15 1.15 0.00	24.83 1.09 0.00	21.77 1.00 0.00	20.37 0.95 0.00	19.12 0.80 0.00	18.48 0.85 0.00	17.35 0.86 0.00	17.30 0.84 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.49 1.27 0.00	26.91 1.60 0.00	30.22 1.66 0.00	28.07 1.79 0.00	25.94 1.61 -1.27	22.50 1.43 -0.62	20.05 1.19 0.00
NORTHPORT___3 23553	21.02 0.83 0.00	20.01 0.81 0.00	18.12 0.61 0.00	18.09 0.60 0.00	18.60 0.61 0.00	20.71 0.74 0.00	22.12 0.83 0.00	25.32 1.32 0.00	25.04 1.30 0.00	21.94 1.16 0.00	20.53 1.11 0.00	19.28 0.97 0.00	18.64 1.00 0.00	17.48 0.99 0.00	17.42 0.95 0.00	17.88 0.92 0.00	18.76 0.94 0.00	23.72 1.49 0.00	27.11 1.80 0.00	30.65 2.08 0.00	28.35 2.08 0.00	26.12 1.80 -1.27	22.69 1.62 -0.62	20.18 1.32 0.00
NORTHPORT___4 23650	21.02 0.83 0.00	20.01 0.81 0.00	18.12 0.61 0.00	18.09 0.60 0.00	18.60 0.61 0.00	20.71 0.74 0.00	22.12 0.83 0.00	25.32 1.32 0.00	25.04 1.30 0.00	21.94 1.16 0.00	20.53 1.11 0.00	19.28 0.97 0.00	18.64 1.00 0.00	17.48 0.99 0.00	17.42 0.95 0.00	17.88 0.92 0.00	18.76 0.94 0.00	23.72 1.49 0.00	27.11 1.80 0.00	30.65 2.08 0.00	28.35 2.08 0.00	26.12 1.80 -1.27	22.69 1.62 -0.62	20.18 1.32 0.00
NORTHPORT___IC 23718	20.79 0.61 0.00	19.84 0.63 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.44 0.45 0.00	20.51 0.54 0.00	22.12 0.83 0.00	25.32 1.32 0.00	25.09 1.35 0.00	21.96 1.18 0.00	20.57 1.15 0.00	19.30 0.99 0.00	18.57 0.93 0.00	17.50 1.01 0.00	17.42 0.95 0.00	17.86 0.90 0.00	18.80 0.98 0.00	23.49 1.27 0.00	26.91 1.59 0.00	30.25 1.69 0.00	28.04 1.76 0.00	25.94 1.61 -1.27	22.53 1.45 -0.62	20.09 1.23 0.00
NORTH___COUNTRY_ESR 323785	20.19 0.00 0.00	19.24 0.04 0.00	17.52 0.02 0.00	17.53 0.04 0.00	18.01 0.02 0.00	20.01 0.04 0.00	21.34 0.04 0.00	24.05 0.05 0.00	23.86 0.12 0.00	20.86 0.08 0.00	19.48 0.06 0.00	18.28 -0.04 0.00	17.53 -0.11 0.00	16.40 -0.10 0.00	16.40 -0.07 0.00	16.90 -0.07 0.00	17.82 0.00 0.00	22.36 0.13 0.00	25.52 0.20 0.00	28.82 0.26 0.00	26.33 0.05 0.00	23.05 0.00 0.00	20.33 -0.12 0.00	18.69 -0.17 0.00
NPX_GEN_1385_PROXY 323591	20.59 0.40 0.00	19.72 0.52 0.00	17.88 0.37 0.00	17.82 0.33 0.00	18.33 0.34 0.00	19.98 0.44 0.43	22.28 0.55 -0.43	24.99 0.98 0.00	24.62 0.88 0.00	21.59 0.81 0.00	20.13 0.72 0.01	18.89 0.57 -0.01	18.37 0.74 0.00	17.25 0.76 0.00	17.30 0.84 0.00	17.49 0.53 0.00	18.50 0.53 -0.14	23.22 1.13 0.14	26.73 1.42 0.00	29.85 1.29 0.00	27.64 1.55 0.19	25.81 1.29 -1.47	22.28 1.21 -0.62	19.99 1.13 0.00
NPX_GEN_CSC 323557	20.77 0.59 0.00	19.88 0.67 0.00	18.03 0.52 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.12 0.58 0.43	22.38 0.66 -0.43	25.42 1.42 0.00	24.99 1.26 0.00	22.11 1.33 0.00	20.63 1.22 0.01	19.41 1.08 -0.01	18.55 0.92 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.94 0.98 -0.14	23.42 1.33 0.14	27.01 1.70 0.00	30.62 2.06 0.00	28.19 2.10 0.19	26.41 1.89 -1.47	22.75 1.68 -0.62	20.26 1.40 0.00
NSINS_S_GLNS_FALLS 23858	20.85 0.67 0.00	19.82 0.61 0.00	18.08 0.58 0.00	18.02 0.52 0.00	18.57 0.58 0.00	20.65 0.68 0.00	22.08 0.79 0.00	24.94 0.94 0.00	24.66 0.93 0.00	21.48 0.71 0.00	20.02 0.60 0.00	18.86 0.55 0.00	18.09 0.46 0.00	16.89 0.40 0.00	16.86 0.40 0.00	17.35 0.39 0.00	18.30 0.48 0.00	23.00 0.78 0.00	26.23 0.91 0.00	29.73 1.17 0.00	27.44 1.16 0.00	24.02 0.97 0.00	21.21 0.76 0.00	19.58 0.72 0.00
NUCOR_STEEL___DRP 24197	20.45 0.26 0.00	19.43 0.23 0.00	17.73 0.23 0.00	17.70 0.21 0.00	18.24 0.25 0.00	20.25 0.28 0.00	21.53 0.23 0.00	24.24 0.24 0.00	23.88 0.14 0.00	20.94 0.17 0.00	19.52 0.10 0.00	18.39 0.07 0.00	17.70 0.07 0.00	16.51 0.02 0.00	16.48 0.02 0.00	17.00 0.03 0.00	17.87 0.05 0.00	22.23 0.00 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.23 -0.05 0.00	23.10 0.05 0.00	20.49 0.04 0.00	18.96 0.09 0.00
NUMBER_THREE_WT_PWR 323818	20.17 -0.02 0.00	19.17 -0.04 0.00	17.49 -0.02 0.00	17.46 -0.03 0.00	17.99 0.00 0.00	19.97 0.00 0.00	21.27 -0.02 0.00	23.98 -0.02 0.00	23.69 -0.05 0.00	20.67 -0.10 0.00	19.24 -0.18 0.00	17.82 -0.49 0.00	17.07 -0.56 0.00	15.87 -0.63 0.00	15.82 -0.64 0.00	16.34 -0.63 0.00	17.23 -0.59 0.00	21.69 -0.53 0.00	24.86 -0.45 0.00	27.93 -0.63 0.00	25.75 -0.53 0.00	22.56 -0.49 0.00	19.96 -0.49 0.00	18.37 -0.49 0.00
NYISO_LBMP_REFERENCE 24008	20.19 0.00 0.00	19.20 0.00 0.00	17.51 0.00 0.00	17.49 0.00 0.00	17.99 0.00 0.00	19.97 0.00 0.00	21.29 0.00 0.00	24.00 0.00 0.00	23.74 0.00 0.00	20.78 0.00 0.00	19.42 0.00 0.00	18.31 0.00 0.00	17.63 0.00 0.00	16.49 0.00 0.00	16.47 0.00 0.00	16.96 0.00 0.00	17.82 0.00 0.00	22.23 0.00 0.00	25.31 0.00 0.00	28.56 0.00 0.00	26.28 0.00 0.00	23.05 0.00 0.00	20.45 0.00 0.00	18.86 0.00 0.00
NYPA_BRENTWD___GT 24164	21.04 0.85 0.00	20.07 0.86 0.00	18.16 0.65 0.00	18.12 0.63 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.15 0.85 0.00	25.42 1.42 0.00	25.09 1.35 0.00	22.02 1.25 0.00	20.59 1.17 0.00	19.32 1.01 0.00	18.64 1.00 0.00	17.50 1.01 0.00	17.45 0.99 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.74 1.51 0.00	27.19 1.87 0.00	30.68 2.11 0.00	28.43 2.16 0.00	26.26 1.94 -1.27	22.79 1.72 -0.62	20.30 1.43 0.00
NYPA_GOWANUS___GT5 24156	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00
NYPA_GOWANUS___GT6 24157	20.93 0.75 0.00	19.84 0.63 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.00 0.70 0.00	25.06 1.05 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.71 1.08 0.00	17.42 0.92 0.00	17.40 0.94 0.00	17.90 0.93 0.00	18.73 0.91 0.00	23.69 1.47 0.00	26.98 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.80 1.35 0.00	19.96 1.09 0.00

NYPA_HARLEM__RVR__GT1 24160	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.89 0.89 0.00	24.65 0.92 0.01	21.52 0.75 0.01	20.20 0.78 0.00	19.06 0.75 0.01	18.58 0.95 0.00	17.30 0.81 0.00	17.30 0.84 0.00	17.78 0.81 0.00	18.60 0.78 0.00	23.58 1.36 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.31 1.27 0.01	21.68 1.23 0.00	19.88 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.89 0.89 0.00	24.65 0.92 0.01	21.52 0.75 0.01	20.20 0.78 0.00	19.06 0.75 0.01	18.58 0.95 0.00	17.30 0.81 0.00	17.30 0.84 0.00	17.78 0.81 0.00	18.60 0.78 0.00	23.58 1.36 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.31 1.27 0.01	21.68 1.23 0.00	19.88 1.02 0.00
NYPA_KENT____GT 24152	20.91 0.73 0.00	19.82 0.61 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.51 0.52 0.00	20.59 0.62 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.69 1.06 0.00	17.40 0.91 0.00	17.39 0.92 0.00	17.88 0.92 0.00	18.73 0.91 0.00	23.67 1.44 0.00	26.94 1.62 0.00	30.62 2.06 0.00	28.15 1.87 0.00	24.50 1.45 0.00	21.78 1.33 0.00	19.92 1.06 0.00
NYPA_POUCH1____GT 24155	21.00 0.81 0.00	19.88 0.67 0.00	18.03 0.52 0.00	18.00 0.51 0.00	18.55 0.56 0.00	20.61 0.64 0.00	21.98 0.68 0.00	25.01 1.01 0.00	24.76 1.02 0.00	21.59 0.81 0.00	20.27 0.85 0.00	19.12 0.80 0.00	18.67 1.04 0.00	17.37 0.87 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.69 0.87 0.00	23.67 1.44 0.00	26.96 1.64 0.00	30.65 2.08 0.00	28.20 1.92 0.00	24.53 1.48 0.00	21.82 1.37 0.00	19.98 1.11 0.00
NYPA_VERNON____GT2 24162	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.67 1.04 0.00	17.40 0.91 0.00	17.39 0.92 0.00	17.88 0.92 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.91 1.60 0.00	30.56 2.00 0.00	28.12 1.84 0.00	24.48 1.43 0.00	21.74 1.29 0.00	19.90 1.04 0.00
NYPA_VERNON____GT3 24163	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.31 0.89 0.00	19.17 0.86 0.00	18.67 1.04 0.00	17.40 0.91 0.00	17.39 0.92 0.00	17.88 0.92 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.91 1.60 0.00	30.56 2.00 0.00	28.12 1.84 0.00	24.48 1.43 0.00	21.74 1.29 0.00	19.90 1.04 0.00
NYPA__ASTORIA_CC1 323568	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.90 1.04 0.00
NYPA__ASTORIA_CC2 323569	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.65 1.42 0.00	26.88 1.57 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.90 1.04 0.00
NYPA__HOLTSVILL 23794	20.89 0.71 0.00	19.95 0.75 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.55 0.56 0.00	20.63 0.66 0.00	22.04 0.74 0.00	25.34 1.34 0.00	24.99 1.26 0.00	21.98 1.20 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.58 0.95 0.00	17.47 0.97 0.00	17.40 0.94 0.00	17.85 0.88 0.00	18.74 0.93 0.00	23.63 1.40 0.00	27.06 1.75 0.00	30.56 2.00 0.00	28.33 2.05 0.00	26.17 1.84 -1.27	22.73 1.66 -0.62	20.22 1.36 0.00
NYPA__HELLGATE_GT1 24158	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.89 0.89 0.00	24.65 0.92 0.01	21.52 0.75 0.01	20.20 0.78 0.00	19.06 0.75 0.01	18.58 0.95 0.00	17.30 0.81 0.00	17.30 0.84 0.00	17.78 0.81 0.00	18.60 0.78 0.00	23.58 1.36 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.31 1.27 0.01	21.68 1.23 0.00	19.88 1.02 0.00
NYPA__HELLGATE_GT2 24159	20.83 0.65 0.00	19.80 0.60 0.00	17.96 0.45 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.47 0.50 0.00	21.85 0.55 0.00	24.89 0.89 0.00	24.65 0.92 0.01	21.52 0.75 0.01	20.20 0.78 0.00	19.06 0.75 0.01	18.58 0.95 0.00	17.30 0.81 0.00	17.30 0.84 0.00	17.78 0.81 0.00	18.60 0.78 0.00	23.58 1.36 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.31 1.27 0.01	21.68 1.23 0.00	19.88 1.02 0.00
NYS_BARGE__HYD 23848	19.42 -0.77 0.00	18.36 -0.84 0.00	16.86 -0.65 0.00	16.74 -0.75 0.00	17.23 -0.75 0.00	18.99 -0.98 0.00	20.06 -1.24 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.97 -1.81 0.00	17.96 -1.46 0.00	17.03 -1.28 0.00	16.03 -1.60 0.00	15.09 -1.40 0.00	14.93 -1.53 0.00	15.49 -1.48 0.00	16.32 -1.50 0.00	19.51 -2.71 0.00	22.17 -3.14 0.00	24.59 -3.97 0.00	22.55 -3.73 0.00	20.40 -2.65 0.00	18.31 -2.15 0.00	17.26 -1.60 0.00
OAK_ORCHARD__HYD 24046	19.82 -0.36 0.00	18.78 -0.42 0.00	17.21 -0.30 0.00	17.11 -0.38 0.00	17.65 -0.34 0.00	19.49 -0.48 0.00	20.70 -0.60 0.00	22.80 -1.20 0.00	22.41 -1.33 0.00	19.91 -0.87 0.00	18.72 -0.70 0.00	17.73 -0.59 0.00	16.84 -0.79 0.00	15.79 -0.71 0.00	15.69 -0.77 0.00	16.23 -0.73 0.00	17.09 -0.73 0.00	20.80 -1.42 0.00	23.67 -1.65 0.00	26.45 -2.11 0.00	24.33 -1.94 0.00	21.69 -1.36 0.00	19.35 -1.10 0.00	18.01 -0.85 0.00
OAKDALE__35_KV_LOAD 356122	20.45 0.26 0.00	19.40 0.19 0.00	17.70 0.19 0.00	17.68 0.19 0.00	18.21 0.22 0.00	20.17 0.20 0.00	21.53 0.23 0.00	24.19 0.19 0.00	23.83 0.09 0.00	20.92 0.15 0.00	19.56 0.14 0.00	18.42 0.11 0.00	17.74 0.11 0.00	16.54 0.05 0.00	16.48 0.02 0.00	17.01 0.05 0.00	17.89 0.07 0.00	22.18 -0.04 0.00	25.24 -0.08 0.00	28.39 -0.17 0.00	26.12 -0.16 0.00	23.05 0.00 0.00	20.49 0.04 0.00	18.96 0.09 0.00
OCC_CHEM__DRP 24175	19.12 -1.07 0.00	18.07 -1.13 0.00	16.58 -0.93 0.00	16.48 -1.01 0.00	16.96 -1.03 0.00	18.69 -1.28 0.00	19.78 -1.51 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.76 -2.02 0.00	17.61 -1.81 0.00	16.68 -1.63 0.00	16.06 -1.57 0.00	14.86 -1.63 0.00	14.69 -1.78 0.00	15.34 -1.63 0.00	16.05 -1.76 0.00	19.43 -2.80 0.00	21.80 -3.52 0.00	24.11 -4.46 0.00	22.13 -4.15 0.00	20.03 -3.02 0.00	18.02 -2.43 0.00	17.09 -1.77 0.00

OH_GEN_PROXY 24063	19.30 -0.89 0.00	18.24 -0.96 0.00	16.75 -0.75 0.00	16.63 -0.86 0.00	17.13 -0.86 0.00	18.44 -1.10 0.43	20.38 -1.34 -0.43	21.53 -2.47 0.00	21.10 -2.64 0.00	18.93 -1.85 0.00	17.89 -1.51 0.01	17.03 -1.30 -0.01	16.03 -1.60 0.00	15.11 -1.39 0.00	14.95 -1.51 0.00	15.50 -1.46 0.00	16.48 -1.48 -0.14	19.37 -2.71 0.14	22.17 -3.14 0.00	23.96 -3.97 0.63	22.35 -3.73 0.19	20.59 -2.65 -0.19	18.35 -2.11 0.00	17.24 -1.62 0.00
OLIN_CORP_DRP 24177	19.14 -1.05 0.00	18.09 -1.11 0.00	16.58 -0.93 0.00	16.49 -1.00 0.00	16.96 -1.03 0.00	18.71 -1.26 0.00	19.80 -1.49 0.00	21.58 -2.42 0.00	21.15 -2.59 0.00	18.78 -1.99 0.00	17.63 -1.79 0.00	16.68 -1.63 0.00	16.06 -1.57 0.00	14.85 -1.65 0.00	14.67 -1.79 0.00	15.32 -1.65 0.00	16.05 -1.76 0.00	19.45 -2.78 0.00	21.82 -3.49 0.00	24.14 -4.43 0.00	22.15 -4.13 0.00	20.03 -3.02 0.00	18.04 -2.41 0.00	17.07 -1.79 0.00
OLIN_CORP_DSASP 323712	19.12 -1.07 0.00	18.07 -1.13 0.00	16.61 -0.89 0.00	16.48 -1.01 0.00	16.96 -1.02 0.00	18.69 -1.28 0.00	19.72 -1.58 0.00	21.17 -2.83 0.00	20.74 -2.99 0.00	18.66 -2.12 0.00	17.65 -1.77 0.00	16.77 -1.54 0.00	15.80 -1.83 0.00	14.89 -1.60 0.00	14.74 -1.73 0.00	15.28 -1.68 0.00	16.11 -1.71 0.00	19.20 -3.02 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.13 -4.15 0.00	20.05 -3.00 0.00	18.04 -2.41 0.00	17.01 -1.85 0.00
ONEIDA_HERK_LFGE 323681	20.47 0.28 0.00	19.45 0.25 0.00	17.73 0.23 0.00	17.72 0.23 0.00	18.24 0.25 0.00	20.23 0.26 0.00	21.57 0.28 0.00	24.34 0.34 0.00	24.02 0.29 0.00	21.03 0.25 0.00	19.61 0.19 0.00	18.35 0.04 0.00	17.61 -0.02 0.00	16.41 -0.08 0.00	16.37 -0.10 0.00	16.88 -0.08 0.00	17.78 -0.04 0.00	22.27 0.04 0.00	25.44 0.13 0.00	28.65 0.09 0.00	26.41 0.13 0.00	23.17 0.12 0.00	20.51 0.06 0.00	18.90 0.04 0.00
ONEIDA___115KV_TB4 55905	20.73 0.55 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.51 0.54 0.00	21.83 0.53 0.00	24.60 0.60 0.00	24.28 0.55 0.00	21.26 0.48 0.00	19.85 0.43 0.00	18.64 0.33 0.00	17.93 0.30 0.00	16.71 0.21 0.00	16.66 0.20 0.00	17.18 0.22 0.00	18.09 0.27 0.00	22.60 0.38 0.00	25.80 0.48 0.00	29.05 0.49 0.00	26.80 0.53 0.00	23.51 0.46 0.00	20.86 0.41 0.00	19.22 0.36 0.00
ONONDAGA_REF_OCCRA 23987	20.25 0.06 0.00	19.24 0.04 0.00	17.56 0.05 0.00	17.53 0.03 0.00	18.04 0.05 0.00	20.01 0.04 0.00	21.27 -0.02 0.00	23.93 -0.07 0.00	23.59 -0.14 0.00	20.69 -0.08 0.00	19.34 -0.08 0.00	18.24 -0.07 0.00	17.56 -0.07 0.00	16.40 -0.10 0.00	16.35 -0.12 0.00	16.86 -0.10 0.00	17.73 -0.09 0.00	22.03 -0.20 0.00	25.06 -0.25 0.00	28.22 -0.34 0.00	25.99 -0.29 0.00	22.86 -0.18 0.00	20.31 -0.14 0.00	18.77 -0.09 0.00
ONONDAGA___COGEN 23986	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00
ONTARIO___LFGE 23819	21.07 0.89 0.00	19.99 0.79 0.00	18.24 0.74 0.00	18.19 0.70 0.00	18.80 0.81 0.00	20.85 0.88 0.00	22.29 1.00 0.00	25.13 1.13 0.00	24.59 0.85 0.00	21.63 0.85 0.00	20.18 0.76 0.00	18.97 0.66 0.00	18.14 0.51 0.00	16.91 0.41 0.00	16.83 0.36 0.00	17.32 0.36 0.00	18.32 0.50 0.00	22.56 0.33 0.00	25.82 0.51 0.00	28.96 0.40 0.00	26.65 0.37 0.00	23.58 0.53 0.00	20.90 0.45 0.00	19.30 0.43 0.00
ORANGEVILLE_WT_PWR 323706	19.68 -0.50 0.00	18.59 -0.62 0.00	17.05 -0.46 0.00	16.95 -0.54 0.00	17.43 -0.56 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	21.91 -2.09 0.00	21.46 -2.28 0.00	19.26 -1.52 0.00	18.22 -1.20 0.00	17.21 -1.10 0.00	16.20 -1.43 0.00	15.22 -1.27 0.00	15.03 -1.43 0.00	15.59 -1.37 0.00	16.46 -1.35 0.00	19.74 -2.49 0.00	22.45 -2.86 0.00	24.88 -3.68 0.00	22.78 -3.50 0.00	20.56 -2.49 0.00	18.45 -2.00 0.00	17.34 -1.53 0.00
ORANGEVILLE___ESR 323794	19.68 -0.50 0.00	18.59 -0.62 0.00	17.05 -0.46 0.00	16.95 -0.54 0.00	17.43 -0.56 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	21.91 -2.09 0.00	21.46 -2.28 0.00	19.26 -1.52 0.00	18.22 -1.20 0.00	17.21 -1.10 0.00	16.20 -1.43 0.00	15.22 -1.27 0.00	15.03 -1.43 0.00	15.59 -1.37 0.00	16.46 -1.35 0.00	19.74 -2.49 0.00	22.45 -2.86 0.00	24.88 -3.68 0.00	22.78 -3.50 0.00	20.56 -2.49 0.00	18.45 -2.00 0.00	17.34 -1.53 0.00
OSWEGATCHIE___HYD 24044	19.54 -0.65 0.00	18.63 -0.58 0.00	16.96 -0.54 0.00	16.97 -0.52 0.00	17.47 -0.52 0.00	19.39 -0.58 0.00	20.68 -0.62 0.00	23.33 -0.67 0.00	23.10 -0.64 0.00	20.13 -0.64 0.00	18.76 -0.66 0.00	17.47 -0.84 0.00	16.73 -0.90 0.00	15.60 -0.89 0.00	15.59 -0.87 0.00	16.08 -0.88 0.00	16.93 -0.89 0.00	21.31 -0.91 0.00	24.43 -0.89 0.00	27.51 -1.06 0.00	25.31 -0.97 0.00	22.15 -0.90 0.00	19.55 -0.90 0.00	18.00 -0.87 0.00
OSWEGO___5 23606	19.97 -0.22 0.00	18.99 -0.21 0.00	17.33 -0.18 0.00	17.30 -0.19 0.00	17.81 -0.18 0.00	19.75 -0.22 0.00	21.04 -0.25 0.00	23.64 -0.36 0.00	23.33 -0.40 0.00	20.47 -0.31 0.00	19.15 -0.27 0.00	18.06 -0.26 0.00	17.35 -0.28 0.00	16.25 -0.25 0.00	16.20 -0.26 0.00	16.69 -0.27 0.00	17.55 -0.27 0.00	21.72 -0.51 0.00	24.73 -0.58 0.00	27.85 -0.71 0.00	25.62 -0.66 0.00	22.54 -0.51 0.00	20.04 -0.41 0.00	18.54 -0.32 0.00
OSWEGO___6 23613	19.97 -0.22 0.00	18.99 -0.21 0.00	17.33 -0.18 0.00	17.30 -0.19 0.00	17.81 -0.18 0.00	19.75 -0.22 0.00	21.04 -0.25 0.00	23.64 -0.36 0.00	23.33 -0.40 0.00	20.47 -0.31 0.00	19.15 -0.27 0.00	18.06 -0.26 0.00	17.35 -0.28 0.00	16.25 -0.25 0.00	16.20 -0.26 0.00	16.69 -0.27 0.00	17.55 -0.27 0.00	21.72 -0.51 0.00	24.73 -0.58 0.00	27.85 -0.71 0.00	25.62 -0.66 0.00	22.54 -0.51 0.00	20.04 -0.41 0.00	18.54 -0.32 0.00
OUTOKUMPU-AB___DRP 24206	19.62 -0.57 0.00	18.55 -0.65 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.41 -0.58 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	22.15 -1.85 0.00	21.72 -2.02 0.00	19.28 -1.50 0.00	18.12 -1.30 0.00	17.12 -1.19 0.00	16.47 -1.16 0.00	15.21 -1.29 0.00	15.03 -1.43 0.00	15.69 -1.27 0.00	16.45 -1.37 0.00	19.94 -2.29 0.00	22.40 -2.91 0.00	24.79 -3.77 0.00	22.76 -3.52 0.00	20.54 -2.51 0.00	18.47 -1.98 0.00	17.47 -1.40 0.00
OXBOW___BTM 323836	19.38 -0.81 0.00	18.32 -0.88 0.00	16.82 -0.68 0.00	16.70 -0.79 0.00	17.20 -0.79 0.00	18.93 -1.04 0.00	19.99 -1.30 0.00	21.48 -2.52 0.00	21.05 -2.68 0.00	18.91 -1.87 0.00	17.91 -1.51 0.00	16.99 -1.32 0.00	15.99 -1.64 0.00	15.08 -1.42 0.00	14.90 -1.56 0.00	15.47 -1.49 0.00	16.30 -1.51 0.00	19.45 -2.78 0.00	22.10 -3.22 0.00	24.51 -4.06 0.00	22.44 -3.84 0.00	20.31 -2.74 0.00	18.26 -2.19 0.00	17.20 -1.66 0.00

OXBOW____ 24026	19.38 -0.81 0.00	18.32 -0.88 0.00	16.81 -0.70 0.00	16.70 -0.79 0.00	17.20 -0.79 0.00	18.95 -1.02 0.00	20.06 -1.24 0.00	21.87 -2.14 0.00	21.41 -2.33 0.00	19.03 -1.75 0.00	17.87 -1.55 0.00	16.90 -1.41 0.00	16.27 -1.36 0.00	15.04 -1.45 0.00	14.85 -1.61 0.00	15.50 -1.46 0.00	16.25 -1.57 0.00	19.69 -2.53 0.00	22.10 -3.21 0.00	24.48 -4.08 0.00	22.47 -3.81 0.00	20.28 -2.77 0.00	18.26 -2.19 0.00	17.28 -1.58 0.00
OXY_CHEM_DSASP 323612	19.12 -1.07 0.00	18.07 -1.13 0.00	16.58 -0.93 0.00	16.48 -1.01 0.00	16.96 -1.03 0.00	18.69 -1.28 0.00	19.78 -1.51 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.76 -2.02 0.00	17.61 -1.81 0.00	16.68 -1.63 0.00	16.06 -1.57 0.00	14.86 -1.63 0.00	14.69 -1.78 0.00	15.34 -1.63 0.00	16.05 -1.76 0.00	19.43 -2.80 0.00	21.80 -3.52 0.00	24.11 -4.46 0.00	22.13 -4.15 0.00	20.03 -3.02 0.00	18.02 -2.43 0.00	17.09 -1.77 0.00
OZONE_PARK_ESR 323760	20.93 0.75 0.00	19.84 0.63 0.00	18.03 0.53 0.00	18.02 0.52 0.00	18.53 0.54 0.00	20.65 0.68 0.00	22.19 0.89 0.00	25.25 1.25 0.00	25.04 1.31 0.00	21.92 1.14 0.00	20.57 1.15 0.00	19.39 1.08 0.00	18.80 1.16 0.00	17.60 1.11 0.00	17.57 1.10 0.00	18.05 1.09 0.00	18.96 1.14 0.00	23.72 1.49 0.00	27.01 1.70 0.00	30.68 2.11 0.00	28.22 1.94 0.00	24.59 1.54 0.00	21.84 1.39 0.00	19.99 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.12 -1.07 0.00	18.07 -1.13 0.00	16.58 -0.93 0.00	16.48 -1.01 0.00	16.96 -1.03 0.00	18.69 -1.28 0.00	19.78 -1.51 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.76 -2.02 0.00	17.61 -1.81 0.00	16.68 -1.63 0.00	16.06 -1.57 0.00	14.86 -1.63 0.00	14.69 -1.78 0.00	15.34 -1.63 0.00	16.05 -1.76 0.00	19.43 -2.80 0.00	21.80 -3.52 0.00	24.11 -4.46 0.00	22.13 -4.15 0.00	20.03 -3.02 0.00	18.02 -2.43 0.00	17.09 -1.77 0.00
PACKARD__115KV_DUPONT_184 80571	19.12 -1.07 0.00	18.07 -1.13 0.00	16.58 -0.93 0.00	16.48 -1.01 0.00	16.96 -1.03 0.00	18.69 -1.28 0.00	19.78 -1.51 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.76 -2.02 0.00	17.61 -1.81 0.00	16.68 -1.63 0.00	16.06 -1.57 0.00	14.86 -1.63 0.00	14.69 -1.78 0.00	15.34 -1.63 0.00	16.05 -1.76 0.00	19.43 -2.80 0.00	21.80 -3.52 0.00	24.11 -4.46 0.00	22.13 -4.15 0.00	20.03 -3.02 0.00	18.02 -2.43 0.00	17.09 -1.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.85 0.67 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.93 0.44 0.00	18.48 0.49 0.00	20.49 0.52 0.00	22.00 0.70 0.00	25.01 1.01 0.00	24.80 1.07 0.00	21.69 0.91 0.00	20.35 0.93 0.00	19.21 0.90 0.00	18.64 1.01 0.00	17.53 1.04 0.00	17.50 1.04 0.00	17.88 0.92 0.00	18.76 0.94 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.99 1.71 0.00	24.36 1.31 0.00	21.70 1.25 0.00	19.90 1.04 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.95 0.77 0.00	19.90 0.69 0.00	18.07 0.56 0.00	18.03 0.54 0.00	18.58 0.59 0.00	20.65 0.68 0.00	22.12 0.83 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.43 1.01 0.00	19.26 0.95 0.00	18.69 1.06 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.95 0.98 0.00	18.83 1.02 0.00	23.63 1.40 0.00	26.91 1.59 0.00	30.59 2.03 0.00	28.12 1.84 0.00	24.48 1.43 0.00	21.80 1.35 0.00	20.01 1.15 0.00
PATROON__115KV_TB1 80586	20.69 0.50 0.00	19.70 0.50 0.00	17.96 0.46 0.00	17.95 0.45 0.00	18.44 0.45 0.00	20.49 0.52 0.00	21.91 0.62 0.00	24.72 0.72 0.00	24.47 0.74 0.00	21.38 0.60 0.00	19.96 0.54 0.00	18.86 0.55 0.00	18.14 0.51 0.00	16.99 0.49 0.00	16.98 0.51 0.00	17.47 0.51 0.00	18.37 0.55 0.00	22.98 0.76 0.00	26.15 0.84 0.00	29.59 1.03 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.52 0.66 0.00
PATTRSNVILLE__SOLAR 323815	20.61 0.42 0.00	19.61 0.40 0.00	17.89 0.38 0.00	17.86 0.37 0.00	18.37 0.38 0.00	20.41 0.44 0.00	21.76 0.47 0.00	24.55 0.55 0.00	24.28 0.55 0.00	21.19 0.42 0.00	19.77 0.35 0.00	18.64 0.33 0.00	17.95 0.32 0.00	16.79 0.30 0.00	16.76 0.30 0.00	17.27 0.31 0.00	18.16 0.34 0.00	22.78 0.56 0.00	25.97 0.66 0.00	29.39 0.83 0.00	27.09 0.82 0.00	23.74 0.69 0.00	21.02 0.57 0.00	19.37 0.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.23 0.04 0.00	19.09 -0.12 0.00	17.51 0.00 0.00	17.44 -0.05 0.00	17.94 -0.05 0.00	19.77 -0.20 0.00	21.06 -0.23 0.00	22.99 -1.01 0.00	22.55 -1.19 0.00	20.01 -0.77 0.00	18.78 -0.64 0.00	17.71 -0.60 0.00	17.03 -0.60 0.00	15.75 -0.74 0.00	15.56 -0.91 0.00	16.22 -0.75 0.00	17.02 -0.80 0.00	20.67 -1.56 0.00	23.31 -2.00 0.00	25.85 -2.71 0.00	23.68 -2.60 0.00	21.34 -1.71 0.00	19.18 -1.27 0.00	18.09 -0.77 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.79 0.61 0.00	19.76 0.56 0.00	17.98 0.47 0.00	17.98 0.49 0.00	18.44 0.45 0.00	20.53 0.56 0.00	22.04 0.75 0.00	25.03 1.03 0.00	24.85 1.12 0.00	21.69 0.91 0.00	20.25 0.84 0.00	19.08 0.77 0.00	18.43 0.79 0.00	17.25 0.76 0.00	17.26 0.79 0.00	17.74 0.78 0.00	18.60 0.78 0.00	23.36 1.13 0.00	26.66 1.34 0.00	30.28 1.71 0.00	27.88 1.60 0.00	24.34 1.29 0.00	21.58 1.12 0.00	19.79 0.92 0.00
PEEKSKILL____ 23653	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.80 0.51 0.00	24.79 0.79 0.00	24.59 0.85 0.00	21.46 0.68 0.00	20.08 0.66 0.00	18.94 0.62 0.00	18.37 0.74 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.50 0.68 0.00	23.31 1.09 0.00	26.53 1.22 0.00	30.10 1.54 0.00	27.70 1.42 0.00	24.20 1.15 0.00	21.47 1.02 0.00	19.65 0.79 0.00
PGE MADISON__WINDPWR 24146	22.11 1.92 0.00	20.95 1.75 0.00	19.19 1.68 0.00	19.10 1.61 0.00	19.73 1.74 0.00	21.89 1.92 0.00	23.32 2.02 0.00	26.28 2.28 0.00	25.78 2.04 0.00	22.56 1.79 0.00	20.97 1.55 0.00	19.61 1.30 0.00	18.74 1.11 0.00	17.47 0.97 0.00	17.40 0.94 0.00	18.03 1.07 0.00	18.99 1.18 0.00	23.78 1.56 0.00	27.31 2.00 0.00	30.62 2.06 0.00	28.30 2.02 0.00	24.92 1.87 0.00	22.05 1.60 0.00	20.26 1.40 0.00
PIERCEFIELD__HYD 23852	19.44 -0.75 0.00	18.59 -0.61 0.00	16.89 -0.61 0.00	16.93 -0.56 0.00	17.41 -0.58 0.00	19.33 -0.64 0.00	20.68 -0.62 0.00	23.28 -0.72 0.00	23.14 -0.59 0.00	20.17 -0.60 0.00	18.80 -0.62 0.00	17.60 -0.71 0.00	16.84 -0.79 0.00	15.74 -0.76 0.00	15.77 -0.69 0.00	16.23 -0.73 0.00	17.07 -0.75 0.00	21.47 -0.76 0.00	24.58 -0.73 0.00	27.73 -0.83 0.00	25.41 -0.87 0.00	22.22 -0.83 0.00	19.61 -0.84 0.00	18.01 -0.85 0.00
PINELAWN_CC_1 323563	20.97 0.79 0.00	19.99 0.79 0.00	18.10 0.60 0.00	18.07 0.58 0.00	18.57 0.58 0.00	20.67 0.70 0.00	22.10 0.81 0.00	25.32 1.32 0.00	24.99 1.26 0.00	21.92 1.14 0.00	20.51 1.09 0.00	19.25 0.93 0.00	18.58 0.95 0.00	17.45 0.96 0.00	17.39 0.92 0.00	17.83 0.86 0.00	18.73 0.91 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.62 2.06 0.00	28.35 2.08 0.00	26.14 1.82 -1.27	22.69 1.62 -0.62	20.18 1.32 0.00

PJM_GEN_HTP_PROXY 323702	20.75 0.56 0.00	19.68 0.48 0.00	17.89 0.38 0.00	17.88 0.38 0.00	18.38 0.40 0.00	20.04 0.50 0.43	22.34 0.62 -0.43	24.96 0.96 0.00	24.73 1.00 0.00	21.59 0.81 0.00	20.22 0.82 0.01	19.11 0.79 -0.01	18.58 0.95 0.00	17.34 0.84 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.80 0.84 -0.14	23.39 1.31 0.14	26.76 1.44 0.00	30.39 1.83 0.00	27.77 1.68 0.19	24.58 1.34 -0.19	21.64 1.19 0.00	19.79 0.92 0.00
PJM_GEN_KEystone 24065	20.19 0.00 0.00	19.11 -0.10 0.00	17.45 -0.05 0.00	17.42 -0.07 0.00	17.90 -0.09 0.00	19.40 -0.14 0.43	21.62 -0.11 -0.43	23.67 -0.34 0.00	23.36 -0.38 0.00	20.59 -0.19 0.00	19.31 -0.10 0.01	18.27 -0.05 -0.01	17.54 -0.09 0.00	16.43 -0.07 0.00	16.35 -0.11 0.00	16.85 -0.12 0.00	17.86 -0.11 -0.14	21.75 -0.33 0.14	24.94 -0.38 0.00	28.05 -0.51 0.00	25.56 -0.53 0.19	22.99 -0.25 -0.19	20.33 -0.12 0.00	18.75 -0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.79 0.61 0.00	19.80 0.60 0.00	17.94 0.44 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.08 0.54 0.43	22.34 0.62 -0.43	25.06 1.05 0.00	24.78 1.04 0.00	21.71 0.94 0.00	20.30 0.89 0.01	19.11 0.79 -0.01	18.48 0.85 0.00	17.30 0.81 0.00	17.26 0.79 0.00	17.71 0.75 0.00	18.73 0.77 -0.14	23.33 1.24 0.14	26.83 1.52 0.00	30.33 1.77 0.00	27.85 1.76 0.19	26.04 1.52 -1.47	22.42 1.35 -0.62	19.96 1.09 0.00
PJM_GEN_VFT_PROXY 323633	20.63 0.44 0.00	19.57 0.36 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.28 0.29 0.00	19.92 0.38 0.43	22.21 0.49 -0.43	24.84 0.84 0.00	24.62 0.88 0.00	21.48 0.71 0.00	20.13 0.72 0.01	19.06 0.73 -0.01	18.53 0.90 0.00	17.29 0.79 0.00	17.26 0.79 0.00	17.76 0.80 0.00	18.71 0.75 -0.14	23.28 1.20 0.14	26.63 1.32 0.00	30.25 1.68 0.00	27.64 1.55 0.19	24.46 1.22 -0.19	21.54 1.08 0.00	19.67 0.81 0.00
PLATSBRG_115KV_PMLD1 355749	20.47 0.28 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.31 0.34 0.00	21.70 0.40 0.00	24.43 0.43 0.00	24.23 0.50 0.00	21.19 0.42 0.00	19.79 0.37 0.00	18.55 0.24 0.00	17.76 0.12 0.00	16.61 0.12 0.00	16.63 0.16 0.00	17.13 0.17 0.00	18.05 0.23 0.00	22.65 0.42 0.00	25.90 0.58 0.00	29.22 0.66 0.00	26.70 0.42 0.00	23.35 0.30 0.00	20.62 0.16 0.00	18.94 0.08 0.00
PLEASANTVLY__LBMP 24000	20.55 0.36 0.00	19.55 0.35 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.26 0.27 0.00	20.31 0.34 0.00	21.80 0.51 0.00	24.72 0.72 0.00	24.52 0.78 0.00	21.44 0.66 0.00	20.06 0.64 0.00	18.95 0.64 0.00	18.28 0.65 0.00	17.15 0.66 0.00	17.14 0.68 0.00	17.63 0.66 0.00	18.50 0.68 0.00	23.12 0.89 0.00	26.33 1.01 0.00	29.85 1.29 0.00	27.46 1.18 0.00	23.99 0.95 0.00	21.31 0.86 0.00	19.60 0.74 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.71 0.52 0.00	19.66 0.46 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.45 0.48 0.00	21.95 0.66 0.00	24.94 0.94 0.00	24.73 1.00 0.00	21.63 0.85 0.00	20.25 0.84 0.00	19.10 0.79 0.00	18.46 0.83 0.00	17.32 0.82 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.66 0.84 0.00	23.34 1.11 0.00	26.61 1.29 0.00	30.16 1.60 0.00	27.75 1.47 0.00	24.25 1.20 0.00	21.52 1.06 0.00	19.75 0.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.71 0.52 0.00	19.66 0.46 0.00	17.89 0.39 0.00	17.88 0.38 0.00	18.37 0.38 0.00	20.45 0.48 0.00	21.95 0.66 0.00	24.94 0.94 0.00	24.73 1.00 0.00	21.63 0.85 0.00	20.25 0.84 0.00	19.10 0.79 0.00	18.46 0.83 0.00	17.32 0.82 0.00	17.29 0.82 0.00	17.76 0.80 0.00	18.66 0.84 0.00	23.34 1.11 0.00	26.61 1.29 0.00	30.16 1.60 0.00	27.75 1.47 0.00	24.25 1.20 0.00	21.52 1.06 0.00	19.75 0.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.71 0.52 0.00	19.68 0.48 0.00	17.89 0.39 0.00	17.91 0.42 0.00	18.39 0.40 0.00	20.47 0.50 0.00	21.95 0.66 0.00	24.89 0.89 0.00	24.71 0.97 0.00	21.59 0.81 0.00	20.16 0.74 0.00	19.01 0.70 0.00	18.34 0.71 0.00	17.20 0.71 0.00	17.19 0.72 0.00	17.68 0.71 0.00	18.57 0.75 0.00	23.23 1.00 0.00	26.50 1.19 0.00	30.08 1.51 0.00	27.67 1.39 0.00	24.18 1.13 0.00	21.45 1.00 0.00	19.71 0.85 0.00
POLETTI____ 23519	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.68 1.23 0.00	19.84 0.98 0.00
POMONA____ESR 323819	20.65 0.46 0.00	19.61 0.40 0.00	17.82 0.32 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.80 0.51 0.00	24.82 0.82 0.00	24.59 0.85 0.00	21.48 0.71 0.00	20.08 0.66 0.00	18.95 0.64 0.00	18.39 0.76 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.50 0.68 0.00	23.29 1.07 0.00	26.55 1.24 0.00	30.10 1.54 0.00	27.70 1.42 0.00	24.20 1.15 0.00	21.49 1.04 0.00	19.65 0.79 0.00
PORT_JEFF_3 23555	20.97 0.79 0.00	20.03 0.83 0.00	18.14 0.63 0.00	18.10 0.61 0.00	18.60 0.61 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.44 1.44 0.00	25.09 1.35 0.00	22.07 1.29 0.00	20.62 1.20 0.00	19.36 1.04 0.00	18.64 1.00 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.71 2.14 0.00	28.46 2.18 0.00	26.28 1.96 -1.27	22.81 1.74 -0.62	20.30 1.43 0.00
PORT_JEFF_4 23616	20.97 0.79 0.00	20.03 0.83 0.00	18.14 0.63 0.00	18.10 0.61 0.00	18.60 0.61 0.00	20.69 0.72 0.00	22.10 0.81 0.00	25.44 1.44 0.00	25.09 1.35 0.00	22.07 1.29 0.00	20.62 1.20 0.00	19.36 1.04 0.00	18.64 1.00 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.72 1.49 0.00	27.19 1.87 0.00	30.71 2.14 0.00	28.46 2.18 0.00	26.28 1.96 -1.27	22.81 1.74 -0.62	20.30 1.43 0.00
PORT_JEFF_IC 23713	20.97 0.79 0.00	20.05 0.84 0.00	18.15 0.65 0.00	18.10 0.61 0.00	18.62 0.63 0.00	20.71 0.74 0.00	22.34 1.04 0.00	25.63 1.63 0.00	25.40 1.66 0.00	22.27 1.50 0.00	20.90 1.48 0.00	19.56 1.25 0.00	18.76 1.13 0.00	17.68 1.19 0.00	17.60 1.14 0.00	18.05 1.09 0.00	19.01 1.19 0.00	23.72 1.49 0.00	27.21 1.90 0.00	30.79 2.23 0.00	28.46 2.18 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.33 1.47 0.00
PPL PILGRIM_ST_GT1 24216	21.04 0.85 0.00	20.07 0.86 0.00	18.16 0.65 0.00	18.12 0.63 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.15 0.85 0.00	25.42 1.42 0.00	25.09 1.35 0.00	22.02 1.25 0.00	20.59 1.17 0.00	19.32 1.01 0.00	18.64 1.00 0.00	17.50 1.01 0.00	17.45 0.99 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.74 1.51 0.00	27.19 1.87 0.00	30.68 2.11 0.00	28.43 2.16 0.00	26.26 1.94 -1.27	22.79 1.72 -0.62	20.30 1.43 0.00

PPL PILGRIM_ST_GT2 24217	21.04 0.85 0.00	20.07 0.86 0.00	18.16 0.65 0.00	18.12 0.63 0.00	18.62 0.63 0.00	20.73 0.76 0.00	22.15 0.85 0.00	25.42 1.42 0.00	25.09 1.35 0.00	22.02 1.25 0.00	20.59 1.17 0.00	19.32 1.01 0.00	18.64 1.00 0.00	17.50 1.01 0.00	17.45 0.99 0.00	17.88 0.92 0.00	18.78 0.96 0.00	23.74 1.51 0.00	27.19 1.87 0.00	30.68 2.11 0.00	28.43 2.16 0.00	26.26 1.94 -1.27	22.79 1.72 -0.62	20.30 1.43 0.00
PPL_SHRM_GT3 24213	20.79 0.61 0.00	19.89 0.69 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.44 1.44 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.39 1.08 0.00	18.57 0.93 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.04 1.72 0.00	30.65 2.08 0.00	28.41 2.13 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
PPL_SHRM_GT4 24214	20.79 0.61 0.00	19.89 0.69 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.44 1.44 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.39 1.08 0.00	18.57 0.93 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.04 1.72 0.00	30.65 2.08 0.00	28.41 2.13 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
PROJECT___ORANGE 1 24174	20.21 0.02 0.00	19.20 0.00 0.00	17.51 0.00 0.00	17.47 -0.02 0.00	18.01 0.02 0.00	19.95 -0.02 0.00	21.21 -0.09 0.00	23.83 -0.17 0.00	23.50 -0.24 0.00	20.63 -0.15 0.00	19.26 -0.16 0.00	18.18 -0.13 0.00	17.51 -0.12 0.00	16.35 -0.15 0.00	16.30 -0.16 0.00	16.81 -0.15 0.00	17.66 -0.16 0.00	21.94 -0.29 0.00	24.96 -0.35 0.00	28.08 -0.49 0.00	25.89 -0.39 0.00	22.77 -0.28 0.00	20.23 -0.22 0.00	18.71 -0.15 0.00
PROJECT___ORANGE 2 24166	20.21 0.02 0.00	19.20 0.00 0.00	17.51 0.00 0.00	17.47 -0.02 0.00	18.01 0.02 0.00	19.95 -0.02 0.00	21.21 -0.09 0.00	23.83 -0.17 0.00	23.50 -0.24 0.00	20.63 -0.15 0.00	19.26 -0.16 0.00	18.18 -0.13 0.00	17.51 -0.12 0.00	16.35 -0.15 0.00	16.30 -0.16 0.00	16.81 -0.15 0.00	17.66 -0.16 0.00	21.94 -0.29 0.00	24.96 -0.35 0.00	28.08 -0.49 0.00	25.89 -0.39 0.00	22.77 -0.28 0.00	20.23 -0.22 0.00	18.71 -0.15 0.00
PUCKETT___SOLAR 323809	20.85 0.67 0.00	19.78 0.58 0.00	18.07 0.56 0.00	18.02 0.52 0.00	18.57 0.58 0.00	20.59 0.62 0.00	21.98 0.68 0.00	24.70 0.70 0.00	24.28 0.55 0.00	21.28 0.50 0.00	19.83 0.41 0.00	18.64 0.33 0.00	17.86 0.23 0.00	16.69 0.20 0.00	16.65 0.18 0.00	17.18 0.22 0.00	18.12 0.30 0.00	22.56 0.33 0.00	25.77 0.46 0.00	28.99 0.43 0.00	26.70 0.42 0.00	23.56 0.51 0.00	20.92 0.47 0.00	19.30 0.43 0.00
PYRITES___HYD 24023	19.88 -0.30 0.00	18.99 -0.21 0.00	17.28 -0.23 0.00	17.30 -0.19 0.00	17.79 -0.20 0.00	19.75 -0.22 0.00	21.12 -0.17 0.00	23.79 -0.22 0.00	23.64 -0.09 0.00	20.59 -0.19 0.00	19.19 -0.23 0.00	17.96 -0.35 0.00	17.19 -0.44 0.00	16.07 -0.43 0.00	16.09 -0.38 0.00	16.57 -0.39 0.00	17.41 -0.41 0.00	21.91 -0.31 0.00	25.16 -0.15 0.00	28.36 -0.20 0.00	25.99 -0.29 0.00	22.75 -0.30 0.00	20.06 -0.39 0.00	18.43 -0.43 0.00
QUAKERRD_115KV_BK1 80622	19.38 -0.81 0.00	18.38 -0.83 0.00	16.81 -0.70 0.00	16.74 -0.75 0.00	17.27 -0.72 0.00	19.09 -0.88 0.00	20.27 -1.02 0.00	22.59 -1.42 0.00	22.22 -1.52 0.00	19.57 -1.21 0.00	18.33 -1.09 0.00	17.31 -1.01 0.00	16.66 -0.97 0.00	15.49 -1.01 0.00	15.40 -1.07 0.00	15.96 -1.00 0.00	16.75 -1.07 0.00	20.65 -1.58 0.00	23.39 -1.92 0.00	26.16 -2.40 0.00	24.10 -2.18 0.00	21.39 -1.66 0.00	19.04 -1.41 0.00	17.73 -1.13 0.00
QUENSBRY_115KV_TB8 356137	20.83 0.65 0.00	19.80 0.60 0.00	18.08 0.58 0.00	18.02 0.52 0.00	18.55 0.56 0.00	20.65 0.68 0.00	22.08 0.79 0.00	24.96 0.96 0.00	24.69 0.95 0.00	21.50 0.73 0.00	20.02 0.60 0.00	18.84 0.53 0.00	18.07 0.44 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.34 0.37 0.00	18.28 0.46 0.00	23.00 0.78 0.00	26.23 0.91 0.00	29.73 1.17 0.00	27.44 1.16 0.00	24.02 0.97 0.00	21.19 0.74 0.00	19.56 0.70 0.00
RAMAPO___LBMP 323565	20.59 0.40 0.00	19.55 0.35 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.26 0.27 0.00	20.31 0.34 0.00	21.85 0.55 0.00	24.82 0.82 0.00	24.61 0.88 0.00	21.53 0.75 0.00	20.16 0.74 0.00	19.01 0.70 0.00	18.36 0.72 0.00	17.22 0.73 0.00	17.19 0.72 0.00	17.68 0.71 0.00	18.55 0.73 0.00	23.20 0.98 0.00	26.45 1.14 0.00	29.99 1.43 0.00	27.57 1.29 0.00	24.13 1.08 0.00	21.41 0.96 0.00	19.64 0.77 0.00
RANKINE____ 23646	19.90 -0.28 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.16 -0.33 0.00	17.65 -0.34 0.00	19.45 -0.52 0.00	20.66 -0.64 0.00	22.54 -1.46 0.00	22.10 -1.64 0.00	19.61 -1.16 0.00	18.41 -1.01 0.00	17.38 -0.93 0.00	16.72 -0.92 0.00	15.46 -1.04 0.00	15.25 -1.22 0.00	15.91 -1.05 0.00	16.70 -1.12 0.00	20.25 -1.98 0.00	22.78 -2.53 0.00	25.25 -3.31 0.00	23.15 -3.13 0.00	20.88 -2.17 0.00	18.78 -1.68 0.00	17.73 -1.13 0.00
RAVENSWOOD_GT2_1 24244	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT2_2 24245	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT2_3 24246	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT2_4 24247	20.79 0.61 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00

RAVENSWOOD_GT3_1 24248	20.77 0.59 0.00	19.72 0.52 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT3_2 24249	20.77 0.59 0.00	19.72 0.52 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT3_3 24250	20.79 0.61 0.00	19.74 0.54 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.53 0.56 0.00	22.06 0.77 0.00	25.11 1.10 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.99 1.71 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.86 1.00 0.00
RAVENSWOOD_GT3_4 24251	20.79 0.61 0.00	19.74 0.54 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.53 0.56 0.00	22.06 0.77 0.00	25.11 1.10 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.65 1.02 0.00	17.48 0.99 0.00	17.45 0.99 0.00	17.93 0.97 0.00	18.82 1.00 0.00	23.54 1.31 0.00	26.81 1.49 0.00	30.45 1.89 0.00	27.99 1.71 0.00	24.43 1.38 0.00	21.68 1.23 0.00	19.86 1.00 0.00
RAVENSWOOD_GT_1 23729	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	17.96 0.47 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.08 0.79 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.82 1.04 0.00	20.45 1.03 0.00	19.30 0.99 0.00	18.71 1.08 0.00	17.55 1.06 0.00	17.52 1.05 0.00	17.96 1.00 0.00	18.85 1.03 0.00	23.60 1.38 0.00	26.91 1.59 0.00	30.56 2.00 0.00	28.09 1.81 0.00	24.48 1.43 0.00	21.76 1.31 0.00	19.94 1.08 0.00
RAVENSWOOD_GT_10 24258	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT_11 24259	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT_4 24252	20.75 0.57 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.23 0.92 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.78 0.96 0.00	23.49 1.27 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.93 1.66 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.82 0.96 0.00
RAVENSWOOD_GT_5 24254	20.75 0.57 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.23 0.92 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.78 0.96 0.00	23.49 1.27 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.93 1.66 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.82 0.96 0.00
RAVENSWOOD_GT_6 24253	20.75 0.57 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.23 0.92 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.78 0.96 0.00	23.49 1.27 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.93 1.66 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.82 0.96 0.00
RAVENSWOOD_GT_7 24255	20.75 0.57 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.02 0.72 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.23 0.92 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.78 0.96 0.00	23.49 1.27 0.00	26.76 1.44 0.00	30.39 1.83 0.00	27.93 1.66 0.00	24.39 1.34 0.00	21.64 1.19 0.00	19.82 0.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD_GT_9 24257	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.49 0.52 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.85 1.12 0.00	21.75 0.98 0.00	20.39 0.97 0.00	19.25 0.93 0.00	18.62 0.99 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.90 0.93 0.00	18.80 0.98 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.96 1.68 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RAVENSWOOD___1 23533	20.87 0.69 0.00	19.80 0.60 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.98 0.68 0.00	25.03 1.03 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.63 1.40 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.88 1.02 0.00
RAVENSWOOD___2 23534	20.87 0.69 0.00	19.78 0.58 0.00	17.96 0.45 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.95 0.66 0.00	25.01 1.01 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.71 0.89 0.00	23.63 1.40 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.88 1.02 0.00

RAVENSWOOD___3 23535	20.77 0.59 0.00	19.72 0.52 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	21.93 0.64 0.00	24.96 0.96 0.00	24.73 1.00 0.00	21.61 0.83 0.00	20.25 0.83 0.00	19.12 0.80 0.00	18.58 0.95 0.00	17.35 0.86 0.00	17.32 0.86 0.00	17.81 0.85 0.00	18.66 0.84 0.00	23.54 1.31 0.00	26.78 1.47 0.00	30.39 1.83 0.00	27.99 1.71 0.00	24.39 1.34 0.00	21.66 1.21 0.00	19.81 0.94 0.00
RAVENSWOOD___4 23820	20.85 0.67 0.00	19.78 0.58 0.00	17.96 0.45 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.95 0.66 0.00	25.01 1.01 0.00	24.78 1.04 0.00	21.63 0.85 0.00	20.29 0.87 0.00	19.16 0.84 0.00	18.65 1.02 0.00	17.38 0.89 0.00	17.37 0.90 0.00	17.86 0.90 0.00	18.69 0.87 0.00	23.63 1.40 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.09 1.81 0.00	24.46 1.41 0.00	21.72 1.27 0.00	19.88 1.02 0.00
RCPL_TRUST___DRP 24196	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00
RED___ROCHESTER 323720	19.92 -0.26 0.00	18.88 -0.33 0.00	17.30 -0.21 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.59 -0.38 0.00	20.80 -0.49 0.00	22.92 -1.08 0.00	22.53 -1.21 0.00	20.03 -0.75 0.00	18.84 -0.58 0.00	17.82 -0.49 0.00	16.93 -0.71 0.00	15.87 -0.63 0.00	15.77 -0.69 0.00	16.32 -0.64 0.00	17.18 -0.64 0.00	20.91 -1.31 0.00	23.80 -1.52 0.00	26.62 -1.94 0.00	24.49 -1.79 0.00	21.83 -1.22 0.00	19.45 -1.00 0.00	18.11 -0.76 0.00
REGAN___SOLAR 323812	21.72 1.53 0.00	20.63 1.42 0.00	18.86 1.35 0.00	18.75 1.26 0.00	19.34 1.35 0.00	21.55 1.58 0.00	22.93 1.64 0.00	25.80 1.80 0.00	25.45 1.71 0.00	22.15 1.37 0.00	20.55 1.13 0.00	19.26 0.95 0.00	18.39 0.76 0.00	17.17 0.68 0.00	17.14 0.68 0.00	17.71 0.75 0.00	18.71 0.89 0.00	23.67 1.44 0.00	27.09 1.77 0.00	30.76 2.20 0.00	28.41 2.13 0.00	24.99 1.94 0.00	21.97 1.51 0.00	20.24 1.38 0.00
RENSSELAER___COGEN 23796	20.57 0.38 0.00	19.57 0.36 0.00	17.84 0.33 0.00	17.82 0.33 0.00	18.31 0.32 0.00	20.37 0.40 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.26 0.52 0.00	21.17 0.39 0.00	19.77 0.35 0.00	18.68 0.37 0.00	18.04 0.41 0.00	16.87 0.38 0.00	16.84 0.38 0.00	17.35 0.39 0.00	18.23 0.41 0.00	22.87 0.64 0.00	26.02 0.71 0.00	29.42 0.86 0.00	27.12 0.84 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.39 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.48 1.29 0.00	20.38 1.17 0.00	18.66 1.16 0.00	18.54 1.05 0.00	19.12 1.13 0.00	21.27 1.30 0.00	22.78 1.49 0.00	25.71 1.70 0.00	25.45 1.71 0.00	22.11 1.33 0.00	20.49 1.07 0.00	19.23 0.92 0.00	18.39 0.76 0.00	17.09 0.59 0.00	17.04 0.58 0.00	17.52 0.56 0.00	18.55 0.73 0.00	23.45 1.22 0.00	26.76 1.44 0.00	30.45 1.89 0.00	28.12 1.84 0.00	24.64 1.59 0.00	21.66 1.21 0.00	20.01 1.15 0.00
REVERE_CPPR_DRP 24186	20.85 0.67 0.00	19.80 0.60 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.58 0.59 0.00	20.61 0.64 0.00	21.95 0.66 0.00	24.75 0.74 0.00	24.45 0.71 0.00	21.38 0.60 0.00	19.92 0.50 0.00	18.70 0.38 0.00	17.97 0.34 0.00	16.71 0.21 0.00	16.66 0.20 0.00	17.20 0.24 0.00	18.10 0.29 0.00	22.67 0.44 0.00	25.90 0.58 0.00	29.16 0.60 0.00	26.91 0.63 0.00	23.60 0.55 0.00	20.92 0.47 0.00	19.28 0.41 0.00
REYNOLDS_115KV_TB3 80639	20.51 0.32 0.00	19.51 0.31 0.00	17.80 0.30 0.00	17.79 0.30 0.00	18.28 0.29 0.00	20.31 0.34 0.00	21.70 0.40 0.00	24.51 0.50 0.00	24.26 0.52 0.00	21.19 0.42 0.00	19.81 0.39 0.00	18.73 0.42 0.00	18.04 0.41 0.00	16.91 0.41 0.00	16.89 0.43 0.00	17.39 0.42 0.00	18.26 0.45 0.00	22.83 0.60 0.00	26.00 0.68 0.00	29.36 0.80 0.00	27.09 0.81 0.00	23.67 0.62 0.00	21.03 0.57 0.00	19.39 0.53 0.00
RIVERBAY____ 323610	20.95 0.77 0.00	19.90 0.69 0.00	18.07 0.56 0.00	18.03 0.54 0.00	18.58 0.59 0.00	20.65 0.68 0.00	22.12 0.83 0.00	25.13 1.13 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.43 1.01 0.00	19.26 0.95 0.00	18.69 1.06 0.00	17.60 1.11 0.00	17.57 1.10 0.00	17.95 0.98 0.00	18.83 1.02 0.00	23.63 1.40 0.00	26.91 1.59 0.00	30.59 2.03 0.00	28.12 1.84 0.00	24.48 1.43 0.00	21.80 1.35 0.00	20.01 1.15 0.00
RIVERSDE_115KV_TB3 55908	20.57 0.38 0.00	19.59 0.38 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.37 0.40 0.00	21.78 0.49 0.00	24.58 0.58 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.79 0.48 0.00	18.07 0.44 0.00	16.94 0.45 0.00	16.91 0.44 0.00	17.42 0.46 0.00	18.30 0.48 0.00	22.87 0.64 0.00	26.05 0.73 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.74 0.69 0.00	21.07 0.61 0.00	19.45 0.58 0.00
ROARING___BROOK_WT_PWR 323790	20.05 -0.14 0.00	19.11 -0.10 0.00	17.40 -0.10 0.00	17.40 -0.09 0.00	17.92 -0.07 0.00	19.89 -0.08 0.00	21.21 -0.08 0.00	23.91 -0.10 0.00	23.67 -0.07 0.00	20.69 -0.08 0.00	19.30 -0.12 0.00	18.17 -0.15 0.00	17.46 -0.18 0.00	16.31 -0.18 0.00	16.30 -0.16 0.00	16.79 -0.17 0.00	17.66 -0.16 0.00	22.07 -0.15 0.00	25.16 -0.15 0.00	28.33 -0.23 0.00	25.97 -0.31 0.00	22.73 -0.32 0.00	20.10 -0.35 0.00	18.50 -0.36 0.00
ROCHESRG_115KV_T4 355643	19.74 -0.44 0.00	18.70 -0.50 0.00	17.12 -0.39 0.00	17.04 -0.45 0.00	17.58 -0.41 0.00	19.41 -0.56 0.00	20.61 -0.68 0.00	22.85 -1.15 0.00	22.45 -1.28 0.00	19.82 -0.96 0.00	18.58 -0.84 0.00	17.56 -0.75 0.00	16.89 -0.74 0.00	15.69 -0.81 0.00	15.58 -0.89 0.00	16.17 -0.80 0.00	16.95 -0.87 0.00	20.83 -1.40 0.00	23.54 -1.77 0.00	26.31 -2.26 0.00	24.20 -2.08 0.00	21.57 -1.48 0.00	19.25 -1.21 0.00	17.98 -0.89 0.00
ROCHESTER_9_IC 23652	19.84 -0.34 0.00	18.80 -0.40 0.00	17.21 -0.30 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.53 -0.44 0.00	20.72 -0.57 0.00	22.99 -1.01 0.00	22.60 -1.14 0.00	19.95 -0.83 0.00	18.70 -0.72 0.00	17.65 -0.66 0.00	16.98 -0.65 0.00	15.77 -0.73 0.00	15.66 -0.81 0.00	16.25 -0.71 0.00	17.03 -0.78 0.00	20.96 -1.27 0.00	23.69 -1.62 0.00	26.48 -2.09 0.00	24.36 -1.92 0.00	21.71 -1.34 0.00	19.35 -1.10 0.00	18.05 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	20.77 0.59 0.00	19.72 0.52 0.00	17.93 0.42 0.00	17.91 0.42 0.00	18.42 0.43 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.06 1.06 0.00	24.83 1.09 0.00	21.73 0.96 0.00	20.35 0.93 0.00	19.19 0.88 0.00	18.55 0.92 0.00	17.40 0.91 0.00	17.37 0.91 0.00	17.85 0.88 0.00	18.75 0.93 0.00	23.47 1.24 0.00	26.73 1.42 0.00	30.33 1.77 0.00	27.91 1.63 0.00	24.36 1.31 0.00	21.64 1.19 0.00	19.82 0.96 0.00

ROME____115KV_TB2 80656	20.85 0.67 0.00	19.80 0.60 0.00	18.08 0.58 0.00	18.03 0.54 0.00	18.58 0.59 0.00	20.61 0.64 0.00	21.95 0.66 0.00	24.75 0.74 0.00	24.45 0.71 0.00	21.38 0.60 0.00	19.92 0.50 0.00	18.70 0.38 0.00	17.97 0.34 0.00	16.71 0.21 0.00	16.66 0.20 0.00	17.20 0.24 0.00	18.10 0.29 0.00	22.67 0.44 0.00	25.90 0.58 0.00	29.16 0.60 0.00	26.91 0.63 0.00	23.60 0.55 0.00	20.92 0.47 0.00	19.28 0.41 0.00
ROSETON____1 23587	20.55 0.36 0.00	19.53 0.33 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.26 0.27 0.00	20.31 0.34 0.00	21.70 0.40 0.00	24.65 0.65 0.00	24.43 0.69 0.00	21.32 0.54 0.00	19.94 0.52 0.00	18.82 0.51 0.00	18.25 0.62 0.00	17.06 0.56 0.00	17.04 0.58 0.00	17.52 0.56 0.00	18.39 0.57 0.00	23.14 0.91 0.00	26.33 1.01 0.00	29.82 1.26 0.00	27.46 1.18 0.00	23.99 0.95 0.00	21.31 0.86 0.00	19.54 0.68 0.00
ROSETON____2 23588	20.55 0.36 0.00	19.53 0.33 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.26 0.27 0.00	20.31 0.34 0.00	21.70 0.40 0.00	24.65 0.65 0.00	24.43 0.69 0.00	21.32 0.54 0.00	19.94 0.52 0.00	18.82 0.51 0.00	18.25 0.62 0.00	17.06 0.56 0.00	17.04 0.58 0.00	17.52 0.56 0.00	18.39 0.57 0.00	23.14 0.91 0.00	26.33 1.01 0.00	29.82 1.26 0.00	27.46 1.18 0.00	23.99 0.95 0.00	21.31 0.86 0.00	19.54 0.68 0.00
ROTTRDAM_115KV_TB3 80664	20.49 0.30 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.26 0.27 0.00	20.29 0.32 0.00	21.68 0.38 0.00	24.46 0.46 0.00	24.21 0.47 0.00	21.15 0.37 0.00	19.75 0.33 0.00	18.64 0.33 0.00	17.95 0.32 0.00	16.79 0.30 0.00	16.78 0.31 0.00	17.27 0.31 0.00	18.16 0.34 0.00	22.72 0.49 0.00	25.87 0.56 0.00	29.25 0.69 0.00	26.94 0.66 0.00	23.60 0.55 0.00	20.92 0.47 0.00	19.30 0.43 0.00
RUSSELL____1 23602	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
RUSSELL____2 23532	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
RUSSELL____3 23549	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
RUSSELL____4 23556	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
RUSSELL____STATION 23914	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
S SALMON____HYD 24043	20.01 -0.18 0.00	19.01 -0.19 0.00	17.35 -0.16 0.00	17.30 -0.19 0.00	17.83 -0.16 0.00	19.77 -0.20 0.00	21.04 -0.25 0.00	23.67 -0.34 0.00	23.33 -0.40 0.00	20.44 -0.33 0.00	19.09 -0.33 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.10 -0.40 0.00	16.04 -0.43 0.00	16.54 -0.42 0.00	17.39 -0.43 0.00	21.63 -0.60 0.00	24.71 -0.61 0.00	27.82 -0.74 0.00	25.65 -0.63 0.00	22.56 -0.49 0.00	20.02 -0.43 0.00	18.50 -0.36 0.00
S.PERRY__115KV_TB1 80734	20.93 0.75 0.00	19.84 0.63 0.00	18.12 0.61 0.00	18.03 0.54 0.00	18.66 0.67 0.00	20.67 0.70 0.00	22.04 0.75 0.00	24.60 0.60 0.00	24.04 0.31 0.00	21.13 0.35 0.00	19.65 0.23 0.00	18.50 0.18 0.00	17.72 0.09 0.00	16.40 -0.10 0.00	16.28 -0.18 0.00	16.83 -0.14 0.00	17.73 -0.09 0.00	22.00 -0.22 0.00	25.14 -0.18 0.00	28.22 -0.34 0.00	26.07 -0.21 0.00	23.07 0.02 0.00	20.47 0.02 0.00	18.98 0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.62 -0.57 0.00	18.53 -0.67 0.00	16.98 -0.53 0.00	16.90 -0.59 0.00	17.40 -0.59 0.00	19.17 -0.80 0.00	20.34 -0.96 0.00	22.18 -1.82 0.00	21.74 -1.99 0.00	19.30 -1.48 0.00	18.12 -1.30 0.00	17.14 -1.17 0.00	16.49 -1.15 0.00	15.24 -1.25 0.00	15.07 -1.40 0.00	15.71 -1.26 0.00	16.46 -1.35 0.00	19.98 -2.24 0.00	22.45 -2.86 0.00	24.85 -3.71 0.00	22.81 -3.47 0.00	20.58 -2.47 0.00	18.53 -1.92 0.00	17.50 -1.36 0.00
SAWYER__23_KV_LOAD 55526	19.62 -0.57 0.00	18.53 -0.67 0.00	16.98 -0.53 0.00	16.90 -0.59 0.00	17.40 -0.59 0.00	19.17 -0.80 0.00	20.34 -0.96 0.00	22.18 -1.82 0.00	21.74 -1.99 0.00	19.30 -1.48 0.00	18.12 -1.30 0.00	17.14 -1.17 0.00	16.49 -1.15 0.00	15.24 -1.25 0.00	15.07 -1.40 0.00	15.71 -1.26 0.00	16.46 -1.35 0.00	19.98 -2.24 0.00	22.45 -2.86 0.00	24.85 -3.71 0.00	22.81 -3.47 0.00	20.58 -2.47 0.00	18.53 -1.92 0.00	17.50 -1.36 0.00
SELKIRK____I 23801	20.63 0.44 0.00	19.65 0.44 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.38 0.40 0.00	20.45 0.48 0.00	21.78 0.49 0.00	24.55 0.55 0.00	24.31 0.57 0.00	21.21 0.44 0.00	19.79 0.37 0.00	18.68 0.37 0.00	18.02 0.39 0.00	16.86 0.36 0.00	16.81 0.35 0.00	17.34 0.37 0.00	18.21 0.39 0.00	22.83 0.60 0.00	26.00 0.68 0.00	29.39 0.83 0.00	27.09 0.82 0.00	23.72 0.67 0.00	21.05 0.59 0.00	19.41 0.55 0.00
SELKIRK____II 23799	20.51 0.32 0.00	19.51 0.31 0.00	17.79 0.28 0.00	17.77 0.28 0.00	18.28 0.29 0.00	20.31 0.34 0.00	21.63 0.34 0.00	24.46 0.45 0.00	24.21 0.47 0.00	21.13 0.35 0.00	19.73 0.31 0.00	18.62 0.31 0.00	17.98 0.35 0.00	16.82 0.33 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.17 0.36 0.00	22.78 0.56 0.00	25.95 0.63 0.00	29.33 0.77 0.00	27.04 0.76 0.00	23.65 0.60 0.00	20.98 0.53 0.00	19.33 0.47 0.00

SENECA OSWGO___HYD 24041	20.01 -0.18 0.00	19.03 -0.17 0.00	17.37 -0.14 0.00	17.32 -0.17 0.00	17.84 -0.14 0.00	19.79 -0.18 0.00	21.08 -0.21 0.00	23.71 -0.29 0.00	23.38 -0.36 0.00	20.51 -0.27 0.00	19.17 -0.25 0.00	18.07 -0.24 0.00	17.37 -0.26 0.00	16.25 -0.25 0.00	16.20 -0.26 0.00	16.69 -0.27 0.00	17.55 -0.27 0.00	21.74 -0.49 0.00	24.76 -0.56 0.00	27.88 -0.69 0.00	25.68 -0.60 0.00	22.59 -0.46 0.00	20.06 -0.39 0.00	18.56 -0.30 0.00
SENECA___115KV_TB3 355854	19.95 -0.24 0.00	18.82 -0.38 0.00	17.26 -0.25 0.00	17.19 -0.30 0.00	17.68 -0.31 0.00	19.49 -0.48 0.00	20.70 -0.60 0.00	22.56 -1.44 0.00	22.12 -1.61 0.00	19.63 -1.14 0.00	18.45 -0.97 0.00	17.42 -0.90 0.00	16.75 -0.88 0.00	15.47 -1.02 0.00	15.28 -1.19 0.00	15.93 -1.03 0.00	16.71 -1.10 0.00	20.29 -1.93 0.00	22.83 -2.48 0.00	25.28 -3.28 0.00	23.18 -3.10 0.00	20.91 -2.14 0.00	18.80 -1.66 0.00	17.75 -1.11 0.00
SENECA___ENERGY 23797	20.55 0.36 0.00	19.49 0.29 0.00	17.80 0.30 0.00	17.77 0.28 0.00	18.33 0.34 0.00	20.33 0.36 0.00	21.72 0.43 0.00	24.43 0.43 0.00	24.00 0.26 0.00	21.09 0.31 0.00	19.69 0.27 0.00	18.53 0.22 0.00	17.76 0.12 0.00	16.58 0.08 0.00	16.51 0.05 0.00	17.03 0.07 0.00	17.94 0.13 0.00	22.18 -0.04 0.00	25.34 0.03 0.00	28.48 -0.09 0.00	26.20 -0.08 0.00	23.12 0.07 0.00	20.51 0.06 0.00	18.96 0.09 0.00
SHOEMAKER___GT 23640	20.53 0.34 0.00	19.49 0.29 0.00	17.73 0.23 0.00	17.74 0.24 0.00	18.22 0.23 0.00	20.27 0.30 0.00	21.66 0.36 0.00	24.55 0.55 0.00	24.33 0.59 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.73 0.42 0.00	18.13 0.49 0.00	16.94 0.45 0.00	16.93 0.46 0.00	17.40 0.44 0.00	18.26 0.45 0.00	22.96 0.73 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.30 1.02 0.00	23.88 0.83 0.00	21.21 0.76 0.00	19.45 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	20.51 0.32 0.00	19.49 0.29 0.00	17.73 0.23 0.00	17.74 0.24 0.00	18.22 0.23 0.00	20.27 0.30 0.00	21.74 0.45 0.00	24.63 0.62 0.00	24.40 0.66 0.00	21.36 0.58 0.00	19.96 0.54 0.00	18.83 0.51 0.00	18.18 0.55 0.00	17.02 0.53 0.00	17.01 0.54 0.00	17.49 0.53 0.00	18.37 0.55 0.00	22.96 0.73 0.00	26.18 0.86 0.00	29.65 1.09 0.00	27.28 1.00 0.00	23.88 0.83 0.00	21.21 0.76 0.00	19.48 0.62 0.00
SHOREHAM_IC_1 23715	20.79 0.61 0.00	19.89 0.69 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.44 1.44 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.39 1.08 0.00	18.57 0.93 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.04 1.72 0.00	30.65 2.08 0.00	28.41 2.13 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
SHOREHAM_IC_2 23716	20.79 0.61 0.00	19.89 0.69 0.00	18.05 0.54 0.00	18.00 0.51 0.00	18.51 0.52 0.00	20.57 0.60 0.00	21.98 0.68 0.00	25.44 1.44 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.39 1.08 0.00	18.57 0.93 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.04 1.72 0.00	30.65 2.08 0.00	28.41 2.13 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
SISSONVILLE___ 23735	19.44 -0.75 0.00	18.59 -0.61 0.00	16.89 -0.61 0.00	16.93 -0.56 0.00	17.41 -0.58 0.00	19.33 -0.64 0.00	20.68 -0.62 0.00	23.28 -0.72 0.00	23.14 -0.59 0.00	20.17 -0.60 0.00	18.80 -0.62 0.00	17.60 -0.71 0.00	16.84 -0.79 0.00	15.74 -0.76 0.00	15.77 -0.69 0.00	16.23 -0.73 0.00	17.07 -0.75 0.00	21.47 -0.76 0.00	24.58 -0.73 0.00	27.73 -0.83 0.00	25.41 -0.87 0.00	22.22 -0.83 0.00	19.61 -0.84 0.00	18.01 -0.85 0.00
SITHE_IND_GS1 24169	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	18.99 -0.43 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.51 -0.71 0.00	24.50 -0.81 0.00	27.59 -0.97 0.00	25.39 -0.89 0.00	22.33 -0.71 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
SITHE_IND_GS2 24170	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	18.99 -0.43 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.51 -0.71 0.00	24.50 -0.81 0.00	27.59 -0.97 0.00	25.39 -0.89 0.00	22.33 -0.71 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
SITHE_IND_GS3 24171	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	18.99 -0.43 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.51 -0.71 0.00	24.50 -0.81 0.00	27.59 -0.97 0.00	25.39 -0.89 0.00	22.33 -0.71 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
SITHE_IND_GS4 24172	19.82 -0.36 0.00	18.84 -0.37 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.87 -0.43 0.00	23.45 -0.55 0.00	23.14 -0.59 0.00	20.32 -0.46 0.00	18.99 -0.43 0.00	17.93 -0.39 0.00	17.23 -0.40 0.00	16.13 -0.36 0.00	16.09 -0.38 0.00	16.59 -0.37 0.00	17.43 -0.39 0.00	21.51 -0.71 0.00	24.50 -0.81 0.00	27.59 -0.97 0.00	25.39 -0.89 0.00	22.33 -0.71 0.00	19.86 -0.59 0.00	18.39 -0.47 0.00
SITHE___BATAVIA 24024	19.90 -0.28 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.14 -0.35 0.00	17.70 -0.29 0.00	19.51 -0.46 0.00	20.66 -0.64 0.00	22.39 -1.61 0.00	21.96 -1.78 0.00	19.63 -1.14 0.00	18.55 -0.87 0.00	17.54 -0.77 0.00	16.54 -1.09 0.00	15.52 -0.97 0.00	15.38 -1.09 0.00	15.95 -1.02 0.00	16.82 -1.00 0.00	20.27 -1.96 0.00	23.06 -2.25 0.00	25.68 -2.88 0.00	23.60 -2.68 0.00	21.23 -1.82 0.00	18.96 -1.49 0.00	17.79 -1.07 0.00
SITHE___INDEPEND 23800	19.82 -0.36 0.00	18.84 -0.36 0.00	17.21 -0.30 0.00	17.18 -0.31 0.00	17.68 -0.31 0.00	19.59 -0.38 0.00	20.76 -0.53 0.00	23.33 -0.67 0.00	23.02 -0.71 0.00	20.20 -0.58 0.00	18.88 -0.54 0.00	17.82 -0.49 0.00	17.17 -0.46 0.00	16.07 -0.43 0.00	16.02 -0.44 0.00	16.51 -0.46 0.00	17.34 -0.48 0.00	21.51 -0.71 0.00	24.50 -0.81 0.00	27.56 -1.00 0.00	25.39 -0.89 0.00	22.33 -0.71 0.00	19.84 -0.61 0.00	18.35 -0.51 0.00
SITHE___MASSENA 23902	20.09 -0.10 0.00	19.18 -0.02 0.00	17.45 -0.05 0.00	17.47 -0.02 0.00	17.95 -0.04 0.00	19.93 -0.04 0.00	21.25 -0.04 0.00	23.95 -0.05 0.00	23.76 0.02 0.00	20.76 -0.02 0.00	19.38 -0.04 0.00	18.20 -0.11 0.00	17.46 -0.18 0.00	16.33 -0.16 0.00	16.35 -0.11 0.00	16.85 -0.12 0.00	17.68 -0.14 0.00	22.18 -0.04 0.00	25.31 0.00 0.00	28.56 0.00 0.00	26.17 -0.10 0.00	22.93 -0.11 0.00	20.27 -0.18 0.00	18.67 -0.19 0.00

SITHE___OGDNSBRG 24021	20.07 -0.12 0.00	19.17 -0.04 0.00	17.42 -0.09 0.00	17.46 -0.03 0.00	17.95 -0.04 0.00	19.93 -0.04 0.00	21.29 0.00 0.00	23.98 -0.02 0.00	23.81 0.07 0.00	20.76 -0.02 0.00	19.34 -0.08 0.00	18.11 -0.20 0.00	17.35 -0.28 0.00	16.21 -0.28 0.00	16.23 -0.23 0.00	16.73 -0.24 0.00	17.57 -0.25 0.00	22.11 -0.11 0.00	25.34 0.03 0.00	28.59 0.03 0.00	26.23 -0.05 0.00	22.93 -0.12 0.00	20.25 -0.20 0.00	18.60 -0.26 0.00
SITHE___STERLING 23777	20.73 0.55 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.51 0.54 0.00	21.85 0.55 0.00	24.60 0.60 0.00	24.28 0.55 0.00	21.28 0.50 0.00	19.87 0.45 0.00	18.68 0.37 0.00	17.93 0.30 0.00	16.73 0.23 0.00	16.68 0.21 0.00	17.20 0.24 0.00	18.10 0.28 0.00	22.58 0.35 0.00	25.79 0.48 0.00	29.05 0.49 0.00	26.78 0.50 0.00	23.51 0.46 0.00	20.86 0.41 0.00	19.24 0.38 0.00
SLEIGHT__34_KV_TB1 80719	19.82 -0.36 0.00	18.82 -0.38 0.00	17.19 -0.32 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.57 -0.40 0.00	20.80 -0.49 0.00	23.26 -0.74 0.00	22.88 -0.85 0.00	20.15 -0.62 0.00	18.84 -0.58 0.00	17.76 -0.55 0.00	17.10 -0.53 0.00	15.90 -0.59 0.00	15.82 -0.64 0.00	16.37 -0.59 0.00	17.19 -0.62 0.00	21.27 -0.96 0.00	24.12 -1.19 0.00	27.02 -1.54 0.00	24.91 -1.37 0.00	22.06 -0.99 0.00	19.61 -0.84 0.00	18.20 -0.66 0.00
SOUTH CAIRO___GT 23612	21.14 0.95 0.00	20.09 0.88 0.00	18.31 0.81 0.00	18.31 0.82 0.00	18.80 0.81 0.00	20.95 0.98 0.00	22.32 1.02 0.00	25.13 1.13 0.00	24.90 1.16 0.00	21.65 0.87 0.00	20.00 0.58 0.00	18.84 0.53 0.00	18.13 0.49 0.00	16.94 0.45 0.00	16.93 0.46 0.00	17.44 0.47 0.00	18.39 0.57 0.00	23.16 0.93 0.00	26.53 1.22 0.00	30.08 1.51 0.00	27.78 1.50 0.00	24.29 1.24 0.00	21.49 1.04 0.00	19.82 0.96 0.00
SOUTH HAMPTN___IC 23720	21.04 0.85 0.00	20.14 0.94 0.00	18.26 0.75 0.00	18.21 0.72 0.00	18.73 0.74 0.00	20.83 0.86 0.00	22.23 0.94 0.00	25.73 1.73 0.00	25.33 1.59 0.00	22.38 1.60 0.00	20.90 1.48 0.00	19.59 1.28 0.00	18.76 1.13 0.00	17.68 1.19 0.00	17.60 1.14 0.00	18.07 1.10 0.00	18.94 1.12 0.00	23.80 1.58 0.00	27.34 2.03 0.00	30.96 2.40 0.00	28.70 2.42 0.00	26.51 2.19 -1.27	23.02 1.94 -0.62	20.48 1.62 0.00
SOUTHDOW__115KV_TB1 355954	20.71 0.52 0.00	19.55 0.35 0.00	17.93 0.42 0.00	17.89 0.40 0.00	18.39 0.40 0.00	20.25 0.28 0.00	21.61 0.32 0.00	23.59 -0.41 0.00	23.12 -0.62 0.00	20.51 -0.27 0.00	19.21 -0.21 0.00	18.02 -0.29 0.00	17.26 -0.37 0.00	15.88 -0.61 0.00	15.66 -0.81 0.00	16.30 -0.66 0.00	17.12 -0.69 0.00	20.85 -1.38 0.00	23.57 -1.75 0.00	26.14 -2.43 0.00	23.91 -2.37 0.00	21.53 -1.52 0.00	19.33 -1.12 0.00	18.22 -0.64 0.00
SOUTHOLD_69_KV_BK 2 55809	21.32 1.13 0.00	20.43 1.23 0.00	18.52 1.02 0.00	18.45 0.96 0.00	18.98 0.99 0.00	21.13 1.16 0.00	22.83 1.53 0.00	26.31 2.30 0.00	26.09 2.35 0.00	22.96 2.18 0.00	21.50 2.08 0.00	20.03 1.72 0.00	19.15 1.52 0.00	18.04 1.55 0.00	17.91 1.45 0.00	18.37 1.41 0.00	19.33 1.51 0.00	24.05 1.82 0.00	27.67 2.35 0.00	31.39 2.83 0.00	29.01 2.73 0.00	26.84 2.51 -1.27	23.30 2.23 -0.62	20.73 1.87 0.00
SOUTHOLD___IC 23719	21.32 1.13 0.00	20.43 1.23 0.00	18.52 1.02 0.00	18.45 0.96 0.00	18.98 0.99 0.00	21.13 1.16 0.00	22.55 1.26 0.00	26.09 2.09 0.00	25.71 1.97 0.00	22.73 1.95 0.00	21.23 1.81 0.00	19.87 1.56 0.00	18.99 1.36 0.00	17.90 1.40 0.00	17.78 1.32 0.00	18.24 1.27 0.00	19.12 1.30 0.00	24.05 1.82 0.00	27.67 2.35 0.00	31.36 2.80 0.00	29.04 2.76 0.00	26.84 2.51 -1.27	23.30 2.23 -0.62	20.71 1.85 0.00
SOUTH_FORK_WT_PWR 323839	21.32 1.13 0.00	20.45 1.25 0.00	18.54 1.03 0.00	18.47 0.98 0.00	19.00 1.01 0.00	21.15 1.18 0.00	22.57 1.28 0.00	26.14 2.14 0.00	25.75 2.02 0.00	22.77 1.99 0.00	21.27 1.85 0.00	19.90 1.59 0.00	19.02 1.39 0.00	17.93 1.43 0.00	17.78 1.32 0.00	18.22 1.26 0.00	19.10 1.28 0.00	24.03 1.80 0.00	27.62 2.30 0.00	31.31 2.74 0.00	28.99 2.71 0.00	26.79 2.47 -1.27	23.26 2.19 -0.62	20.69 1.83 0.00
SPIERFLS_115KV_TB 1 80737	20.75 0.57 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	22.00 0.70 0.00	24.84 0.84 0.00	24.57 0.83 0.00	21.40 0.62 0.00	19.94 0.52 0.00	18.79 0.48 0.00	18.02 0.39 0.00	16.82 0.33 0.00	16.81 0.35 0.00	17.30 0.34 0.00	18.23 0.41 0.00	22.92 0.69 0.00	26.12 0.81 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.93 0.88 0.00	21.13 0.67 0.00	19.48 0.62 0.00
ST LAWRENCE____ 23600	19.97 -0.22 0.00	19.03 -0.17 0.00	17.33 -0.18 0.00	17.33 -0.16 0.00	17.83 -0.16 0.00	19.79 -0.18 0.00	21.10 -0.19 0.00	23.79 -0.22 0.00	23.59 -0.14 0.00	20.61 -0.17 0.00	19.24 -0.18 0.00	18.11 -0.20 0.00	17.40 -0.23 0.00	16.26 -0.23 0.00	16.27 -0.20 0.00	16.76 -0.20 0.00	17.61 -0.21 0.00	22.05 -0.18 0.00	25.14 -0.18 0.00	28.39 -0.17 0.00	26.02 -0.26 0.00	22.80 -0.25 0.00	20.19 -0.27 0.00	18.58 -0.28 0.00
STATE_CA_115KV_115_LB 55624	20.69 0.50 0.00	19.70 0.50 0.00	17.96 0.46 0.00	17.95 0.45 0.00	18.44 0.45 0.00	20.49 0.52 0.00	21.91 0.62 0.00	24.72 0.72 0.00	24.47 0.74 0.00	21.38 0.60 0.00	19.96 0.54 0.00	18.88 0.57 0.00	18.16 0.53 0.00	17.01 0.51 0.00	16.98 0.51 0.00	17.47 0.51 0.00	18.39 0.57 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.59 1.03 0.00	27.28 1.00 0.00	23.88 0.83 0.00	21.17 0.72 0.00	19.54 0.68 0.00
STATE_ST_34_KV_LOAD 55959	20.41 0.22 0.00	19.38 0.17 0.00	17.68 0.18 0.00	17.65 0.16 0.00	18.19 0.20 0.00	20.19 0.22 0.00	21.51 0.21 0.00	24.22 0.22 0.00	23.88 0.14 0.00	20.94 0.17 0.00	19.54 0.12 0.00	18.39 0.07 0.00	17.70 0.07 0.00	16.51 0.02 0.00	16.47 0.00 0.00	17.00 0.03 0.00	17.89 0.07 0.00	22.23 0.00 0.00	25.29 -0.03 0.00	28.42 -0.14 0.00	26.20 -0.08 0.00	23.07 0.02 0.00	20.45 0.00 0.00	18.90 0.04 0.00
STATION 5_MISC_HYD 23604	19.84 -0.34 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.51 -0.46 0.00	20.72 -0.57 0.00	22.83 -1.18 0.00	22.43 -1.31 0.00	19.92 -0.85 0.00	18.76 -0.66 0.00	17.74 -0.57 0.00	16.86 -0.78 0.00	15.80 -0.69 0.00	15.71 -0.76 0.00	16.25 -0.71 0.00	17.11 -0.71 0.00	20.83 -1.40 0.00	23.69 -1.62 0.00	26.48 -2.08 0.00	24.36 -1.92 0.00	21.71 -1.34 0.00	19.35 -1.10 0.00	18.03 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.87 0.69 0.00	19.78 0.58 0.00	18.07 0.56 0.00	18.00 0.51 0.00	18.62 0.63 0.00	20.63 0.66 0.00	22.00 0.70 0.00	24.17 0.17 0.00	23.74 0.00 0.00	20.92 0.15 0.00	19.58 0.16 0.00	18.46 0.15 0.00	17.74 0.11 0.00	16.46 -0.03 0.00	16.37 -0.10 0.00	16.96 0.00 0.00	17.80 -0.02 0.00	22.36 0.13 0.00	25.44 0.13 0.00	28.53 -0.03 0.00	26.31 0.03 0.00	23.26 0.21 0.00	20.64 0.18 0.00	19.11 0.25 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	19.74 -0.44 0.00	18.70 -0.50 0.00	17.12 -0.39 0.00	17.04 -0.45 0.00	17.58 -0.41 0.00	19.43 -0.54 0.00	20.63 -0.66 0.00	22.92 -1.08 0.00	22.55 -1.19 0.00	19.88 -0.89 0.00	18.64 -0.78 0.00	17.60 -0.71 0.00	16.93 -0.71 0.00	15.72 -0.78 0.00	15.63 -0.84 0.00	16.22 -0.75 0.00	17.00 -0.82 0.00	20.91 -1.31 0.00	23.67 -1.65 0.00	26.45 -2.11 0.00	24.36 -1.92 0.00	21.67 -1.38 0.00	19.31 -1.15 0.00	17.99 -0.87 0.00
STA_56___34_KV_BUS2 355983	19.74 -0.44 0.00	18.70 -0.50 0.00	17.12 -0.39 0.00	17.04 -0.45 0.00	17.58 -0.41 0.00	19.43 -0.54 0.00	20.63 -0.66 0.00	22.92 -1.08 0.00	22.55 -1.19 0.00	19.88 -0.89 0.00	18.64 -0.78 0.00	17.60 -0.71 0.00	16.93 -0.71 0.00	15.72 -0.78 0.00	15.63 -0.84 0.00	16.22 -0.75 0.00	17.00 -0.82 0.00	20.91 -1.31 0.00	23.67 -1.65 0.00	26.45 -2.11 0.00	24.36 -1.92 0.00	21.67 -1.38 0.00	19.31 -1.15 0.00	17.99 -0.87 0.00
STA_67___115KV_BK2 355882	19.80 -0.38 0.00	18.76 -0.44 0.00	17.17 -0.33 0.00	17.09 -0.40 0.00	17.63 -0.36 0.00	19.49 -0.48 0.00	20.68 -0.62 0.00	22.95 -1.06 0.00	22.55 -1.19 0.00	19.90 -0.87 0.00	18.64 -0.78 0.00	17.62 -0.70 0.00	16.94 -0.69 0.00	15.74 -0.76 0.00	15.63 -0.84 0.00	16.22 -0.75 0.00	17.00 -0.82 0.00	20.89 -1.33 0.00	23.64 -1.67 0.00	26.39 -2.17 0.00	24.31 -1.97 0.00	21.64 -1.41 0.00	19.31 -1.15 0.00	18.03 -0.83 0.00
STA_7___115KV_9TRANS 80674	19.93 -0.26 0.00	18.88 -0.33 0.00	17.28 -0.23 0.00	17.19 -0.30 0.00	17.74 -0.25 0.00	19.61 -0.36 0.00	20.83 -0.47 0.00	23.09 -0.91 0.00	22.69 -1.04 0.00	20.05 -0.73 0.00	18.78 -0.64 0.00	17.74 -0.57 0.00	17.07 -0.56 0.00	15.83 -0.66 0.00	15.72 -0.74 0.00	16.32 -0.64 0.00	17.12 -0.69 0.00	21.05 -1.18 0.00	23.80 -1.52 0.00	26.59 -1.97 0.00	24.49 -1.79 0.00	21.80 -1.24 0.00	19.43 -1.02 0.00	18.13 -0.74 0.00
STA_82___115KV_TB1 80780	19.82 -0.36 0.00	18.78 -0.42 0.00	17.17 -0.33 0.00	17.11 -0.38 0.00	17.65 -0.34 0.00	19.49 -0.48 0.00	20.70 -0.60 0.00	22.95 -1.06 0.00	22.55 -1.19 0.00	19.93 -0.85 0.00	18.66 -0.76 0.00	17.63 -0.68 0.00	16.96 -0.67 0.00	15.74 -0.76 0.00	15.63 -0.84 0.00	16.23 -0.73 0.00	17.02 -0.80 0.00	20.91 -1.31 0.00	23.64 -1.67 0.00	26.42 -2.14 0.00	24.33 -1.94 0.00	21.67 -1.38 0.00	19.33 -1.12 0.00	18.03 -0.83 0.00
STEEL___WIND 323596	19.92 -0.26 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.18 -0.31 0.00	17.67 -0.32 0.00	19.45 -0.52 0.00	20.61 -0.68 0.00	22.18 -1.83 0.00	21.74 -1.99 0.00	19.51 -1.27 0.00	18.45 -0.97 0.00	17.47 -0.84 0.00	16.47 -1.16 0.00	15.49 -1.01 0.00	15.31 -1.15 0.00	15.86 -1.10 0.00	16.75 -1.07 0.00	20.05 -2.18 0.00	22.81 -2.51 0.00	25.31 -3.26 0.00	23.18 -3.10 0.00	20.93 -2.12 0.00	18.80 -1.66 0.00	17.65 -1.21 0.00
STEPHTWN_115KV_BK_2 55603	20.77 0.59 0.00	19.78 0.58 0.00	18.03 0.53 0.00	18.02 0.52 0.00	18.49 0.50 0.00	20.57 0.60 0.00	22.00 0.70 0.00	24.84 0.84 0.00	24.61 0.88 0.00	21.48 0.71 0.00	20.06 0.64 0.00	18.94 0.62 0.00	18.21 0.58 0.00	17.04 0.54 0.00	17.03 0.56 0.00	17.52 0.56 0.00	18.42 0.61 0.00	23.05 0.82 0.00	26.25 0.94 0.00	29.71 1.14 0.00	27.38 1.10 0.00	23.97 0.92 0.00	21.25 0.80 0.00	19.62 0.75 0.00
STEUBEN_REC_LFGE 323667	21.30 1.11 0.00	20.18 0.98 0.00	18.43 0.93 0.00	18.40 0.91 0.00	19.00 1.01 0.00	21.07 1.10 0.00	22.55 1.26 0.00	25.32 1.32 0.00	24.78 1.04 0.00	21.77 1.00 0.00	20.29 0.87 0.00	19.04 0.73 0.00	18.21 0.58 0.00	16.84 0.35 0.00	16.68 0.21 0.00	17.20 0.24 0.00	18.16 0.34 0.00	22.49 0.27 0.00	25.69 0.38 0.00	28.76 0.20 0.00	26.52 0.24 0.00	23.33 0.28 0.00	20.68 0.22 0.00	19.09 0.23 0.00
STILLWATER___SOLAR 323814	20.73 0.55 0.00	19.70 0.50 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.46 0.47 0.00	20.53 0.56 0.00	21.89 0.60 0.00	24.72 0.72 0.00	24.45 0.71 0.00	21.30 0.52 0.00	19.85 0.43 0.00	18.73 0.42 0.00	18.05 0.42 0.00	16.86 0.36 0.00	16.83 0.36 0.00	17.34 0.37 0.00	18.25 0.43 0.00	22.94 0.71 0.00	26.15 0.83 0.00	29.59 1.03 0.00	27.30 1.02 0.00	23.88 0.83 0.00	21.13 0.67 0.00	19.48 0.62 0.00
STONY___BROOK 24151	21.02 0.83 0.00	20.07 0.86 0.00	18.17 0.67 0.00	18.12 0.63 0.00	18.64 0.65 0.00	20.73 0.76 0.00	22.15 0.85 0.00	25.49 1.49 0.00	25.14 1.40 0.00	22.09 1.31 0.00	20.66 1.24 0.00	19.39 1.08 0.00	18.67 1.04 0.00	17.55 1.06 0.00	17.49 1.02 0.00	17.93 0.97 0.00	18.83 1.02 0.00	23.78 1.56 0.00	27.26 1.95 0.00	30.79 2.23 0.00	28.51 2.23 0.00	26.33 2.00 -1.27	22.85 1.78 -0.62	20.33 1.47 0.00
STURGEON_POOL_HYD 23609	20.47 0.28 0.00	19.43 0.23 0.00	17.66 0.16 0.00	17.68 0.19 0.00	18.15 0.16 0.00	20.21 0.24 0.00	21.70 0.40 0.00	24.63 0.62 0.00	24.45 0.71 0.00	21.38 0.60 0.00	19.98 0.56 0.00	18.84 0.53 0.00	18.21 0.58 0.00	17.09 0.59 0.00	17.07 0.61 0.00	17.54 0.58 0.00	18.41 0.59 0.00	23.03 0.80 0.00	26.28 0.96 0.00	29.82 1.26 0.00	27.44 1.16 0.00	23.97 0.92 0.00	21.29 0.84 0.00	19.52 0.66 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.57 0.38 0.00	19.53 0.33 0.00	17.77 0.26 0.00	17.77 0.28 0.00	18.24 0.25 0.00	20.31 0.34 0.00	21.80 0.51 0.00	24.75 0.74 0.00	24.54 0.81 0.00	21.46 0.69 0.00	20.08 0.66 0.00	18.94 0.62 0.00	18.27 0.63 0.00	17.12 0.63 0.00	17.11 0.64 0.00	17.59 0.63 0.00	18.48 0.66 0.00	23.09 0.87 0.00	26.33 1.01 0.00	29.85 1.29 0.00	27.46 1.18 0.00	24.02 0.97 0.00	21.33 0.88 0.00	19.58 0.72 0.00
SWANROAD_115KV_TB1 355699	19.14 -1.05 0.00	18.07 -1.13 0.00	16.58 -0.93 0.00	16.48 -1.01 0.00	16.96 -1.03 0.00	18.69 -1.28 0.00	19.80 -1.49 0.00	21.55 -2.45 0.00	21.13 -2.61 0.00	18.76 -2.02 0.00	17.63 -1.79 0.00	16.68 -1.63 0.00	16.05 -1.59 0.00	14.83 -1.67 0.00	14.65 -1.81 0.00	15.30 -1.66 0.00	16.04 -1.78 0.00	19.43 -2.80 0.00	21.80 -3.52 0.00	24.14 -4.43 0.00	22.15 -4.13 0.00	20.03 -3.02 0.00	18.02 -2.43 0.00	17.07 -1.79 0.00
SYNERGY___BIOGAS 323694	19.90 -0.28 0.00	18.82 -0.38 0.00	17.28 -0.23 0.00	17.14 -0.35 0.00	17.70 -0.29 0.00	19.51 -0.46 0.00	20.66 -0.64 0.00	22.39 -1.61 0.00	21.96 -1.78 0.00	19.63 -1.14 0.00	18.55 -0.87 0.00	17.54 -0.77 0.00	16.54 -1.09 0.00	15.52 -0.97 0.00	15.38 -1.09 0.00	15.95 -1.02 0.00	16.82 -1.00 0.00	20.27 -1.96 0.00	23.06 -2.25 0.00	25.68 -2.88 0.00	23.60 -2.68 0.00	21.23 -1.82 0.00	18.96 -1.49 0.00	17.79 -1.07 0.00
SYRACUSE___ENERGY_ST1 323597	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00

SYRACUSE___ENERGY_ST2 323598	20.31 0.12 0.00	19.30 0.10 0.00	17.61 0.11 0.00	17.58 0.09 0.00	18.12 0.13 0.00	20.09 0.12 0.00	21.34 0.04 0.00	24.03 0.02 0.00	23.67 -0.07 0.00	20.76 -0.02 0.00	19.40 -0.02 0.00	18.28 -0.04 0.00	17.61 -0.02 0.00	16.45 -0.05 0.00	16.40 -0.07 0.00	16.91 -0.05 0.00	17.77 -0.05 0.00	22.09 -0.13 0.00	25.14 -0.18 0.00	28.28 -0.29 0.00	26.07 -0.21 0.00	22.93 -0.12 0.00	20.37 -0.08 0.00	18.82 -0.04 0.00
SYRACUSE___POWER 24017	20.25 0.06 0.00	19.24 0.04 0.00	17.54 0.04 0.00	17.51 0.02 0.00	18.04 0.05 0.00	19.99 0.02 0.00	21.25 -0.04 0.00	23.91 -0.10 0.00	23.57 -0.17 0.00	20.69 -0.08 0.00	19.32 -0.10 0.00	18.22 -0.09 0.00	17.56 -0.07 0.00	16.40 -0.10 0.00	16.35 -0.12 0.00	16.86 -0.10 0.00	17.71 -0.11 0.00	22.00 -0.22 0.00	25.06 -0.25 0.00	28.19 -0.37 0.00	25.99 -0.29 0.00	22.86 -0.18 0.00	20.29 -0.16 0.00	18.77 -0.09 0.00
TALLMAN__138KV_BK151 55660	20.63 0.44 0.00	19.59 0.38 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.89 0.60 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.22 0.80 0.00	19.06 0.75 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.24 0.77 0.00	17.71 0.75 0.00	18.60 0.78 0.00	23.27 1.04 0.00	26.53 1.22 0.00	30.08 1.51 0.00	27.65 1.37 0.00	24.20 1.15 0.00	21.50 1.04 0.00	19.69 0.83 0.00
TEALLAVE_115KV_TB7 355573	20.19 0.00 0.00	19.18 -0.02 0.00	17.51 0.00 0.00	17.47 -0.02 0.00	17.99 0.00 0.00	19.95 -0.02 0.00	21.19 -0.11 0.00	23.81 -0.19 0.00	23.48 -0.26 0.00	20.61 -0.17 0.00	19.26 -0.16 0.00	18.17 -0.15 0.00	17.51 -0.12 0.00	16.35 -0.15 0.00	16.28 -0.18 0.00	16.79 -0.17 0.00	17.64 -0.18 0.00	21.91 -0.31 0.00	24.93 -0.38 0.00	28.08 -0.49 0.00	25.86 -0.42 0.00	22.75 -0.30 0.00	20.23 -0.22 0.00	18.69 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	19.64 -0.55 0.00	18.57 -0.63 0.00	17.02 -0.49 0.00	16.91 -0.58 0.00	17.43 -0.56 0.00	19.23 -0.74 0.00	20.38 -0.92 0.00	22.27 -1.73 0.00	21.84 -1.90 0.00	19.36 -1.41 0.00	18.20 -1.22 0.00	17.18 -1.14 0.00	16.52 -1.11 0.00	15.26 -1.24 0.00	15.08 -1.38 0.00	15.74 -1.22 0.00	16.50 -1.32 0.00	20.07 -2.16 0.00	22.58 -2.73 0.00	25.05 -3.51 0.00	23.02 -3.26 0.00	20.74 -2.30 0.00	18.59 -1.86 0.00	17.54 -1.32 0.00
TEMPLE___115KV_TB 2 55572	20.21 0.02 0.00	19.20 0.00 0.00	17.51 0.00 0.00	17.47 -0.02 0.00	18.01 0.02 0.00	19.95 -0.02 0.00	21.21 -0.09 0.00	23.83 -0.17 0.00	23.50 -0.24 0.00	20.63 -0.15 0.00	19.26 -0.16 0.00	18.18 -0.13 0.00	17.51 -0.12 0.00	16.35 -0.15 0.00	16.30 -0.16 0.00	16.81 -0.15 0.00	17.66 -0.16 0.00	21.94 -0.29 0.00	24.96 -0.35 0.00	28.08 -0.49 0.00	25.89 -0.39 0.00	22.77 -0.28 0.00	20.23 -0.22 0.00	18.71 -0.15 0.00
TIANA____69_KV_BK 1 55817	20.99 0.81 0.00	20.09 0.88 0.00	18.22 0.72 0.00	18.16 0.66 0.00	18.67 0.68 0.00	20.77 0.80 0.00	22.42 1.13 0.00	25.85 1.85 0.00	25.59 1.85 0.00	22.52 1.75 0.00	21.11 1.69 0.00	19.72 1.41 0.00	18.87 1.23 0.00	17.78 1.29 0.00	17.70 1.23 0.00	18.15 1.19 0.00	19.15 1.34 0.00	23.76 1.53 0.00	27.29 1.97 0.00	30.96 2.40 0.00	28.62 2.34 0.00	26.47 2.14 -1.27	22.98 1.90 -0.62	20.45 1.58 0.00
TILDEN___115KV_TB1 80814	20.25 0.06 0.00	19.24 0.04 0.00	17.54 0.04 0.00	17.51 0.02 0.00	18.04 0.05 0.00	19.99 0.02 0.00	21.25 -0.04 0.00	23.91 -0.10 0.00	23.57 -0.17 0.00	20.69 -0.08 0.00	19.32 -0.10 0.00	18.22 -0.09 0.00	17.56 -0.07 0.00	16.40 -0.10 0.00	16.35 -0.12 0.00	16.86 -0.10 0.00	17.71 -0.11 0.00	22.00 -0.22 0.00	25.06 -0.25 0.00	28.19 -0.37 0.00	25.99 -0.29 0.00	22.86 -0.18 0.00	20.29 -0.16 0.00	18.77 -0.09 0.00
TRIGEN___CC 323695	20.87 0.69 0.00	19.86 0.65 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.17 0.87 0.00	25.27 1.27 0.00	25.07 1.33 0.00	21.92 1.14 0.00	20.55 1.13 0.00	19.30 0.99 0.00	18.60 0.97 0.00	17.48 0.99 0.00	17.40 0.94 0.00	17.88 0.92 0.00	18.80 0.98 0.00	23.54 1.31 0.00	26.91 1.59 0.00	30.45 1.89 0.00	28.09 1.81 0.00	25.91 1.59 -1.27	22.51 1.43 -0.62	20.05 1.19 0.00
TRINITY__115KV__ 4 BK 55933	20.57 0.38 0.00	19.59 0.38 0.00	17.86 0.35 0.00	17.84 0.35 0.00	18.33 0.34 0.00	20.37 0.40 0.00	21.78 0.49 0.00	24.60 0.60 0.00	24.35 0.62 0.00	21.26 0.48 0.00	19.87 0.45 0.00	18.79 0.48 0.00	18.07 0.44 0.00	16.92 0.43 0.00	16.91 0.44 0.00	17.40 0.44 0.00	18.30 0.48 0.00	22.87 0.64 0.00	26.05 0.73 0.00	29.45 0.89 0.00	27.15 0.87 0.00	23.74 0.69 0.00	21.07 0.61 0.00	19.43 0.57 0.00
UNION___PROCESSING_DRP 323587	19.82 -0.36 0.00	18.78 -0.42 0.00	17.19 -0.32 0.00	17.11 -0.38 0.00	17.65 -0.34 0.00	19.51 -0.46 0.00	20.70 -0.60 0.00	22.97 -1.03 0.00	22.57 -1.16 0.00	19.93 -0.85 0.00	18.68 -0.74 0.00	17.63 -0.68 0.00	16.96 -0.67 0.00	15.75 -0.74 0.00	15.64 -0.82 0.00	16.23 -0.73 0.00	17.02 -0.80 0.00	20.94 -1.29 0.00	23.67 -1.65 0.00	26.45 -2.11 0.00	24.33 -1.94 0.00	21.69 -1.36 0.00	19.33 -1.12 0.00	18.05 -0.81 0.00
UPPER HUDSON___HYD 24058	20.75 0.56 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.93 0.64 0.00	24.77 0.77 0.00	24.50 0.76 0.00	21.36 0.58 0.00	19.85 0.43 0.00	18.71 0.40 0.00	18.00 0.37 0.00	16.79 0.30 0.00	16.76 0.30 0.00	17.27 0.31 0.00	18.17 0.36 0.00	22.94 0.71 0.00	26.12 0.81 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.92 0.88 0.00	21.11 0.65 0.00	19.47 0.60 0.00
UPPER RAQUET___HYD 24056	19.46 -0.73 0.00	18.59 -0.62 0.00	16.89 -0.61 0.00	16.93 -0.56 0.00	17.41 -0.58 0.00	19.33 -0.64 0.00	20.63 -0.66 0.00	23.28 -0.72 0.00	23.14 -0.59 0.00	20.17 -0.60 0.00	18.80 -0.62 0.00	17.58 -0.73 0.00	16.86 -0.78 0.00	15.74 -0.76 0.00	15.76 -0.71 0.00	16.23 -0.73 0.00	17.07 -0.75 0.00	21.49 -0.73 0.00	24.58 -0.73 0.00	27.73 -0.83 0.00	25.41 -0.87 0.00	22.22 -0.83 0.00	19.61 -0.84 0.00	18.03 -0.83 0.00
VALLEY44_115KV_TB2 355964	20.33 0.14 0.00	19.17 -0.04 0.00	17.58 0.07 0.00	17.54 0.05 0.00	18.03 0.04 0.00	19.87 -0.10 0.00	21.27 -0.02 0.00	23.35 -0.65 0.00	22.91 -0.83 0.00	20.28 -0.50 0.00	19.03 -0.39 0.00	17.93 -0.38 0.00	17.23 -0.41 0.00	15.95 -0.54 0.00	15.77 -0.69 0.00	16.40 -0.56 0.00	17.25 -0.57 0.00	20.94 -1.29 0.00	23.69 -1.62 0.00	26.31 -2.26 0.00	24.07 -2.21 0.00	21.71 -1.34 0.00	19.49 -0.96 0.00	18.33 -0.53 0.00
VALLEY___115KV_TB 1-4 80826	20.45 0.26 0.00	19.45 0.25 0.00	17.75 0.25 0.00	17.72 0.23 0.00	18.24 0.25 0.00	20.25 0.28 0.00	21.61 0.32 0.00	24.39 0.38 0.00	24.12 0.38 0.00	21.11 0.33 0.00	19.73 0.31 0.00	18.59 0.27 0.00	17.90 0.26 0.00	16.73 0.23 0.00	16.68 0.21 0.00	17.18 0.22 0.00	18.05 0.23 0.00	22.54 0.31 0.00	25.69 0.38 0.00	29.02 0.46 0.00	26.73 0.45 0.00	23.39 0.35 0.00	20.74 0.29 0.00	19.13 0.26 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.22 1.03 0.00	20.13 0.92 0.00	18.38 0.88 0.00	18.33 0.84 0.00	18.89 0.90 0.00	20.97 1.00 0.00	22.40 1.11 0.00	25.35 1.34 0.00	25.11 1.38 0.00	21.98 1.21 0.00	20.53 1.11 0.00	19.30 0.99 0.00	18.57 0.93 0.00	17.34 0.84 0.00	17.26 0.79 0.00	17.79 0.83 0.00	18.69 0.87 0.00	23.38 1.16 0.00	26.66 1.34 0.00	30.02 1.46 0.00	27.70 1.42 0.00	24.32 1.27 0.00	21.58 1.12 0.00	19.86 1.00 0.00
VISCHER___FERRY HYD 24020	20.47 0.28 0.00	19.49 0.29 0.00	17.77 0.26 0.00	17.75 0.26 0.00	18.24 0.25 0.00	20.29 0.32 0.00	21.63 0.34 0.00	24.43 0.43 0.00	24.21 0.47 0.00	21.09 0.31 0.00	19.67 0.25 0.00	18.60 0.29 0.00	17.97 0.33 0.00	16.81 0.31 0.00	16.79 0.33 0.00	17.30 0.34 0.00	18.16 0.34 0.00	22.83 0.60 0.00	25.97 0.66 0.00	29.36 0.80 0.00	27.09 0.82 0.00	23.67 0.62 0.00	20.98 0.53 0.00	19.33 0.47 0.00
V_A_10_SYNC_DSASP 323832	19.36 -0.83 0.00	18.32 -0.88 0.00	16.81 -0.70 0.00	16.69 -0.80 0.00	17.20 -0.79 0.00	18.95 -1.02 0.00	20.08 -1.21 0.00	21.82 -2.18 0.00	21.41 -2.33 0.00	19.14 -1.64 0.00	18.08 -1.34 0.00	17.16 -1.15 0.00	16.20 -1.43 0.00	15.26 -1.24 0.00	15.12 -1.35 0.00	15.67 -1.29 0.00	16.50 -1.32 0.00	19.85 -2.38 0.00	22.56 -2.76 0.00	25.08 -3.49 0.00	23.02 -3.26 0.00	20.72 -2.33 0.00	18.57 -1.88 0.00	17.41 -1.45 0.00
V_CMM_10_SYNC_DSASP 323787	20.05 -0.14 0.00	19.13 -0.08 0.00	17.40 -0.10 0.00	17.42 -0.07 0.00	17.92 -0.07 0.00	19.89 -0.08 0.00	21.21 -0.08 0.00	23.91 -0.10 0.00	23.69 -0.05 0.00	20.69 -0.08 0.00	19.34 -0.08 0.00	18.19 -0.13 0.00	17.46 -0.18 0.00	16.33 -0.16 0.00	16.33 -0.13 0.00	16.83 -0.14 0.00	17.68 -0.14 0.00	22.14 -0.09 0.00	25.26 -0.05 0.00	28.51 -0.06 0.00	26.12 -0.16 0.00	22.89 -0.16 0.00	20.25 -0.20 0.00	18.66 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	20.47 0.28 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.32 0.00	18.30 0.31 0.00	20.31 0.34 0.00	21.66 0.36 0.00	24.41 0.41 0.00	24.21 0.47 0.00	21.19 0.42 0.00	19.79 0.37 0.00	18.53 0.22 0.00	17.76 0.12 0.00	16.59 0.10 0.00	16.61 0.15 0.00	17.13 0.17 0.00	18.03 0.21 0.00	22.65 0.42 0.00	25.90 0.58 0.00	29.22 0.66 0.00	26.70 0.42 0.00	23.35 0.30 0.00	20.60 0.14 0.00	18.94 0.08 0.00
V_D_10_SYNC_DSASP 323841	20.09 -0.10 0.00	19.18 -0.02 0.00	17.45 -0.05 0.00	17.47 -0.02 0.00	17.97 -0.02 0.00	19.95 -0.02 0.00	21.25 -0.04 0.00	23.95 -0.05 0.00	23.76 0.02 0.00	20.76 -0.02 0.00	19.38 -0.04 0.00	18.20 -0.11 0.00	17.47 -0.16 0.00	16.33 -0.16 0.00	16.35 -0.11 0.00	16.85 -0.12 0.00	17.69 -0.12 0.00	22.18 -0.04 0.00	25.34 0.03 0.00	28.56 0.00 0.00	26.17 -0.10 0.00	22.93 -0.11 0.00	20.29 -0.16 0.00	18.67 -0.19 0.00
V_E_10_SYNC_DSASP 323830	22.11 1.92 0.00	20.95 1.75 0.00	19.19 1.68 0.00	19.10 1.61 0.00	19.73 1.74 0.00	21.89 1.92 0.00	23.32 2.02 0.00	26.28 2.28 0.00	25.78 2.04 0.00	22.56 1.79 0.00	20.97 1.55 0.00	19.61 1.30 0.00	18.74 1.11 0.00	17.47 0.97 0.00	17.40 0.94 0.00	18.03 1.07 0.00	18.99 1.18 0.00	23.78 1.56 0.00	27.31 2.00 0.00	30.62 2.06 0.00	28.30 2.02 0.00	24.92 1.87 0.00	22.05 1.60 0.00	20.26 1.40 0.00
V_F_30_NSYNC___DSASP 323816	20.77 0.59 0.00	19.74 0.54 0.00	18.02 0.51 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.57 0.60 0.00	21.93 0.64 0.00	24.75 0.74 0.00	24.47 0.74 0.00	21.34 0.56 0.00	19.89 0.47 0.00	18.77 0.46 0.00	18.07 0.44 0.00	16.89 0.40 0.00	16.86 0.39 0.00	17.37 0.41 0.00	18.26 0.45 0.00	22.98 0.76 0.00	26.18 0.86 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.90 0.85 0.00	21.17 0.72 0.00	19.52 0.66 0.00
V_F_30_SYNC_DSASP 323786	20.69 0.50 0.00	19.70 0.50 0.00	17.96 0.46 0.00	17.95 0.45 0.00	18.44 0.45 0.00	20.49 0.52 0.00	21.91 0.62 0.00	24.72 0.72 0.00	24.47 0.74 0.00	21.38 0.60 0.00	19.96 0.54 0.00	18.86 0.55 0.00	18.14 0.51 0.00	16.99 0.49 0.00	16.98 0.51 0.00	17.47 0.51 0.00	18.37 0.55 0.00	22.98 0.76 0.00	26.15 0.84 0.00	29.59 1.03 0.00	27.28 1.00 0.00	23.86 0.81 0.00	21.17 0.72 0.00	19.52 0.66 0.00
V_XM_10_SYNC_DSASP 323789	20.47 0.28 0.00	19.55 0.35 0.00	17.79 0.28 0.00	17.81 0.32 0.00	18.30 0.31 0.00	20.31 0.34 0.00	21.66 0.36 0.00	24.41 0.41 0.00	24.21 0.47 0.00	21.19 0.42 0.00	19.79 0.37 0.00	18.53 0.22 0.00	17.76 0.12 0.00	16.59 0.10 0.00	16.61 0.15 0.00	17.13 0.17 0.00	18.03 0.21 0.00	22.65 0.42 0.00	25.90 0.58 0.00	29.22 0.66 0.00	26.70 0.42 0.00	23.35 0.30 0.00	20.60 0.14 0.00	18.94 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.69 0.50 0.00	19.65 0.44 0.00	17.86 0.35 0.00	17.86 0.37 0.00	18.35 0.36 0.00	20.41 0.44 0.00	21.95 0.66 0.00	24.96 0.96 0.00	24.76 1.02 0.00	21.65 0.87 0.00	20.25 0.84 0.00	19.10 0.79 0.00	18.44 0.81 0.00	17.30 0.81 0.00	17.27 0.81 0.00	17.76 0.80 0.00	18.64 0.82 0.00	23.32 1.09 0.00	26.61 1.29 0.00	30.16 1.60 0.00	27.72 1.45 0.00	24.27 1.22 0.00	21.54 1.08 0.00	19.75 0.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.77 0.59 0.00	19.70 0.50 0.00	17.91 0.40 0.00	17.89 0.40 0.00	18.40 0.41 0.00	20.51 0.54 0.00	22.04 0.75 0.00	25.08 1.08 0.00	24.88 1.14 0.00	21.77 1.00 0.00	20.41 0.99 0.00	19.26 0.95 0.00	18.64 1.01 0.00	17.47 0.97 0.00	17.44 0.97 0.00	17.91 0.95 0.00	18.82 1.00 0.00	23.52 1.29 0.00	26.78 1.47 0.00	30.42 1.86 0.00	27.99 1.71 0.00	24.41 1.36 0.00	21.66 1.21 0.00	19.84 0.98 0.00
W50THST__13_KV_LOAD 356117	20.83 0.65 0.00	19.76 0.56 0.00	17.96 0.46 0.00	17.95 0.45 0.00	18.46 0.47 0.00	20.57 0.60 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.95 1.21 0.00	21.84 1.06 0.00	20.47 1.05 0.00	19.32 1.01 0.00	18.71 1.08 0.00	17.53 1.04 0.00	17.49 1.02 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.60 1.38 0.00	26.86 1.54 0.00	30.53 1.97 0.00	28.07 1.79 0.00	24.48 1.43 0.00	21.74 1.29 0.00	19.90 1.04 0.00
WADING RIVER_IC_1 23522	20.77 0.59 0.00	19.88 0.67 0.00	18.03 0.52 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.95 0.66 0.00	25.42 1.42 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.41 1.10 0.00	18.55 0.92 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.01 1.70 0.00	30.62 2.06 0.00	28.38 2.10 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
WADING RIVER_IC_2 23547	20.77 0.59 0.00	19.88 0.67 0.00	18.03 0.52 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.95 0.66 0.00	25.42 1.42 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.41 1.10 0.00	18.55 0.92 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.01 1.70 0.00	30.62 2.06 0.00	28.38 2.10 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00

WADING RIVER_IC_3 23601	20.77 0.59 0.00	19.88 0.67 0.00	18.03 0.52 0.00	17.98 0.49 0.00	18.49 0.50 0.00	20.55 0.58 0.00	21.95 0.66 0.00	25.42 1.42 0.00	25.02 1.28 0.00	22.11 1.33 0.00	20.64 1.22 0.00	19.41 1.10 0.00	18.55 0.92 0.00	17.52 1.02 0.00	17.45 0.99 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	27.01 1.70 0.00	30.62 2.06 0.00	28.38 2.10 0.00	26.24 1.91 -1.27	22.77 1.70 -0.62	20.26 1.40 0.00
WALDENNY_I2_KV_BK2 80841	19.86 -0.32 0.00	18.76 -0.44 0.00	17.21 -0.30 0.00	17.12 -0.37 0.00	17.63 -0.36 0.00	19.43 -0.54 0.00	20.61 -0.68 0.00	22.49 -1.51 0.00	22.05 -1.69 0.00	19.57 -1.21 0.00	18.39 -1.03 0.00	17.36 -0.95 0.00	16.70 -0.93 0.00	15.42 -1.07 0.00	15.23 -1.23 0.00	15.89 -1.07 0.00	16.68 -1.14 0.00	20.23 -2.00 0.00	22.76 -2.56 0.00	25.19 -3.37 0.00	23.13 -3.15 0.00	20.84 -2.21 0.00	18.73 -1.72 0.00	17.69 -1.17 0.00
WALDEN___HYDRO 24148	20.69 0.50 0.00	19.65 0.44 0.00	17.87 0.37 0.00	17.88 0.38 0.00	18.35 0.36 0.00	20.43 0.46 0.00	21.93 0.64 0.00	24.89 0.89 0.00	24.69 0.95 0.00	21.59 0.81 0.00	20.14 0.72 0.00	18.99 0.68 0.00	18.32 0.69 0.00	17.17 0.68 0.00	17.16 0.69 0.00	17.64 0.68 0.00	18.53 0.71 0.00	23.18 0.96 0.00	26.48 1.16 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.45 1.00 0.00	19.69 0.83 0.00
WARRENSBURG____ 23737	20.75 0.56 0.00	19.72 0.52 0.00	18.00 0.49 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	21.93 0.64 0.00	24.77 0.77 0.00	24.50 0.76 0.00	21.36 0.58 0.00	19.85 0.43 0.00	18.71 0.40 0.00	18.00 0.37 0.00	16.79 0.30 0.00	16.76 0.30 0.00	17.27 0.31 0.00	18.17 0.36 0.00	22.94 0.71 0.00	26.12 0.81 0.00	29.62 1.06 0.00	27.33 1.05 0.00	23.92 0.88 0.00	21.11 0.65 0.00	19.47 0.60 0.00
WATERSIDE___6 8 9 23538	20.85 0.67 0.00	19.78 0.58 0.00	17.98 0.47 0.00	17.95 0.45 0.00	18.48 0.49 0.00	20.55 0.58 0.00	22.06 0.77 0.00	25.11 1.10 0.00	24.90 1.16 0.00	21.80 1.02 0.00	20.43 1.01 0.00	19.28 0.97 0.00	18.69 1.06 0.00	17.53 1.04 0.00	17.50 1.04 0.00	17.95 0.98 0.00	18.83 1.02 0.00	23.58 1.36 0.00	26.88 1.57 0.00	30.53 1.97 0.00	28.07 1.79 0.00	24.46 1.41 0.00	21.74 1.29 0.00	19.92 1.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.39 0.20 0.00	19.40 0.19 0.00	17.68 0.18 0.00	17.67 0.17 0.00	18.17 0.18 0.00	20.17 0.20 0.00	21.51 0.21 0.00	24.27 0.26 0.00	24.00 0.26 0.00	21.01 0.23 0.00	19.63 0.21 0.00	18.50 0.18 0.00	17.81 0.18 0.00	16.66 0.16 0.00	16.61 0.15 0.00	17.13 0.17 0.00	18.00 0.18 0.00	22.47 0.24 0.00	25.59 0.28 0.00	28.91 0.34 0.00	26.59 0.32 0.00	23.30 0.25 0.00	20.68 0.22 0.00	19.07 0.21 0.00
WATSON___69_KV_BK 1 55734	21.16 0.97 0.00	20.18 0.98 0.00	18.28 0.77 0.00	18.23 0.73 0.00	18.75 0.76 0.00	20.85 0.88 0.00	22.51 1.21 0.00	25.75 1.75 0.00	25.56 1.83 0.00	22.38 1.60 0.00	20.97 1.55 0.00	19.63 1.32 0.00	18.83 1.20 0.00	17.75 1.25 0.00	17.67 1.20 0.00	18.12 1.15 0.00	19.08 1.27 0.00	23.87 1.64 0.00	27.39 2.08 0.00	30.96 2.40 0.00	28.64 2.37 0.00	26.47 2.14 -1.27	22.98 1.90 -0.62	20.47 1.60 0.00
WDELAWARE___HYD 323627	20.87 0.69 0.00	19.80 0.60 0.00	18.00 0.49 0.00	18.03 0.54 0.00	18.51 0.52 0.00	20.61 0.64 0.00	22.02 0.72 0.00	24.99 0.98 0.00	24.81 1.07 0.00	21.65 0.87 0.00	20.14 0.72 0.00	18.99 0.68 0.00	18.37 0.74 0.00	17.17 0.68 0.00	17.14 0.68 0.00	17.64 0.68 0.00	18.51 0.69 0.00	23.31 1.09 0.00	26.66 1.34 0.00	30.25 1.68 0.00	27.86 1.58 0.00	24.34 1.29 0.00	21.62 1.17 0.00	19.79 0.92 0.00
WEST BABYLON___IC 23714	21.12 0.93 0.00	20.14 0.94 0.00	18.24 0.74 0.00	18.19 0.70 0.00	18.69 0.70 0.00	20.81 0.84 0.00	22.44 1.15 0.00	25.66 1.66 0.00	25.47 1.73 0.00	22.27 1.50 0.00	20.88 1.46 0.00	19.56 1.25 0.00	18.78 1.15 0.00	17.70 1.20 0.00	17.62 1.15 0.00	18.07 1.10 0.00	19.03 1.21 0.00	23.83 1.60 0.00	27.31 2.00 0.00	30.88 2.31 0.00	28.54 2.26 0.00	26.35 2.03 -1.27	22.89 1.82 -0.62	20.39 1.53 0.00
WEST CANADA___HYD 24049	20.21 0.02 0.00	19.22 0.02 0.00	17.52 0.02 0.00	17.51 0.02 0.00	18.01 0.02 0.00	19.99 0.02 0.00	21.32 0.02 0.00	24.05 0.05 0.00	23.78 0.05 0.00	20.80 0.02 0.00	19.44 0.02 0.00	18.35 0.04 0.00	17.67 0.04 0.00	16.53 0.03 0.00	16.50 0.03 0.00	17.00 0.03 0.00	17.85 0.04 0.00	22.27 0.04 0.00	25.37 0.05 0.00	28.62 0.06 0.00	26.36 0.08 0.00	23.10 0.05 0.00	20.49 0.04 0.00	18.90 0.04 0.00
WESTERN_NY_WIND 24143	19.88 -0.30 0.00	18.80 -0.40 0.00	17.23 -0.28 0.00	17.12 -0.37 0.00	17.67 -0.32 0.00	19.49 -0.48 0.00	20.68 -0.62 0.00	22.68 -1.32 0.00	22.22 -1.52 0.00	19.70 -1.08 0.00	18.49 -0.93 0.00	17.43 -0.88 0.00	16.73 -0.90 0.00	15.46 -1.04 0.00	15.30 -1.17 0.00	15.95 -1.02 0.00	16.73 -1.09 0.00	20.43 -1.80 0.00	23.01 -2.30 0.00	25.59 -2.97 0.00	23.55 -2.73 0.00	21.14 -1.91 0.00	18.92 -1.53 0.00	17.81 -1.06 0.00
WESTOVER___LESR 323668	20.51 0.32 0.00	19.47 0.27 0.00	17.77 0.26 0.00	17.74 0.24 0.00	18.26 0.27 0.00	20.23 0.26 0.00	21.61 0.32 0.00	24.27 0.26 0.00	23.90 0.17 0.00	20.99 0.21 0.00	19.61 0.19 0.00	18.48 0.16 0.00	17.77 0.14 0.00	16.58 0.08 0.00	16.51 0.05 0.00	17.05 0.08 0.00	17.93 0.11 0.00	22.23 0.00 0.00	25.31 0.00 0.00	28.45 -0.11 0.00	26.17 -0.11 0.00	23.10 0.05 0.00	20.55 0.10 0.00	19.01 0.15 0.00
WETHRSFD_WT_PWR 323626	19.68 -0.50 0.00	18.59 -0.62 0.00	17.05 -0.46 0.00	16.95 -0.54 0.00	17.43 -0.56 0.00	19.19 -0.78 0.00	20.34 -0.96 0.00	21.89 -2.11 0.00	21.46 -2.28 0.00	19.26 -1.52 0.00	18.22 -1.20 0.00	17.21 -1.10 0.00	16.20 -1.43 0.00	15.22 -1.27 0.00	15.02 -1.45 0.00	15.57 -1.39 0.00	16.46 -1.35 0.00	19.71 -2.51 0.00	22.45 -2.86 0.00	24.88 -3.68 0.00	22.78 -3.50 0.00	20.56 -2.49 0.00	18.45 -2.00 0.00	17.32 -1.55 0.00
WHAVSTOR_138KV_BK127 55557	20.63 0.44 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.87 0.57 0.00	24.87 0.86 0.00	24.66 0.93 0.00	21.57 0.79 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.67 0.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.63 0.44 0.00	19.57 0.36 0.00	17.80 0.30 0.00	17.81 0.31 0.00	18.30 0.31 0.00	20.35 0.38 0.00	21.87 0.57 0.00	24.87 0.86 0.00	24.66 0.93 0.00	21.57 0.79 0.00	20.20 0.78 0.00	19.04 0.73 0.00	18.41 0.78 0.00	17.25 0.76 0.00	17.22 0.76 0.00	17.71 0.75 0.00	18.58 0.77 0.00	23.25 1.02 0.00	26.50 1.19 0.00	30.05 1.49 0.00	27.65 1.37 0.00	24.18 1.13 0.00	21.48 1.02 0.00	19.67 0.81 0.00

WHITEHAL_115KV_TB1 80871	20.95 0.77 0.00	19.91 0.71 0.00	18.19 0.68 0.00	18.10 0.61 0.00	18.66 0.67 0.00	20.77 0.80 0.00	22.23 0.94 0.00	25.08 1.08 0.00	24.80 1.07 0.00	21.59 0.81 0.00	20.06 0.64 0.00	18.88 0.57 0.00	18.09 0.46 0.00	16.86 0.36 0.00	16.83 0.36 0.00	17.32 0.36 0.00	18.28 0.46 0.00	23.07 0.84 0.00	26.30 0.99 0.00	29.88 1.31 0.00	27.57 1.29 0.00	24.13 1.08 0.00	21.27 0.82 0.00	19.64 0.77 0.00
WHITEPLN_13_KV_LOAD 356215	20.87 0.69 0.00	19.82 0.61 0.00	18.01 0.51 0.00	18.00 0.51 0.00	18.49 0.50 0.00	20.59 0.62 0.00	22.15 0.85 0.00	25.18 1.18 0.00	24.95 1.21 0.00	21.82 1.04 0.00	20.41 0.99 0.00	19.23 0.92 0.00	18.60 0.97 0.00	17.45 0.96 0.00	17.42 0.95 0.00	17.91 0.95 0.00	18.80 0.98 0.00	23.56 1.33 0.00	26.83 1.52 0.00	30.45 1.89 0.00	28.01 1.73 0.00	24.48 1.43 0.00	21.72 1.27 0.00	19.90 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	20.91 0.73 0.00	19.99 0.79 0.00	18.14 0.63 0.00	18.07 0.58 0.00	18.58 0.59 0.00	20.65 0.68 0.00	22.29 1.00 0.00	25.66 1.66 0.00	25.40 1.66 0.00	22.31 1.54 0.00	20.92 1.50 0.00	19.56 1.25 0.00	18.74 1.11 0.00	17.67 1.17 0.00	17.60 1.14 0.00	18.05 1.09 0.00	19.03 1.21 0.00	23.65 1.42 0.00	27.14 1.82 0.00	30.73 2.17 0.00	28.43 2.15 0.00	26.31 1.98 -1.27	22.83 1.76 -0.62	20.33 1.47 0.00
WOODARD__115KV_TB2 355635	20.15 -0.04 0.00	19.15 -0.06 0.00	17.47 -0.04 0.00	17.44 -0.05 0.00	17.95 -0.04 0.00	19.91 -0.06 0.00	21.14 -0.15 0.00	23.79 -0.22 0.00	23.45 -0.28 0.00	20.57 -0.21 0.00	19.23 -0.19 0.00	18.13 -0.18 0.00	17.47 -0.16 0.00	16.33 -0.16 0.00	16.27 -0.20 0.00	16.78 -0.19 0.00	17.62 -0.20 0.00	21.89 -0.33 0.00	24.93 -0.38 0.00	28.05 -0.51 0.00	25.83 -0.45 0.00	22.73 -0.32 0.00	20.19 -0.27 0.00	18.67 -0.19 0.00
YORK__WARBASSE 23770	20.93 0.75 0.00	19.84 0.63 0.00	18.01 0.51 0.00	17.98 0.49 0.00	18.51 0.52 0.00	20.59 0.62 0.00	22.10 0.81 0.00	25.15 1.15 0.00	24.92 1.19 0.00	21.80 1.02 0.00	20.47 1.05 0.00	19.30 0.99 0.00	18.74 1.11 0.00	17.57 1.07 0.00	17.54 1.07 0.00	17.98 1.02 0.00	18.87 1.05 0.00	23.65 1.42 0.00	26.99 1.67 0.00	30.68 2.11 0.00	28.20 1.92 0.00	24.52 1.48 0.00	21.80 1.35 0.00	19.98 1.11 0.00