

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion																	
Generator Data		11/09/2024																											
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	EST	18.72	20.74	20.59	20.36	21.42	23.22	26.87	23.31	16.22	15.91	17.22	18.84	18.36	18.83	20.32	26.05	34.80	39.54	34.44	30.88	27.13	25.40	26.01	44.01				
		1.04	1.03	0.97	0.94	1.00	1.07	1.28	1.09	0.86	0.94	1.01	1.05	1.06	1.18	1.30	1.54	1.84	2.09	1.93	1.69	1.41	1.30	1.36	1.14				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.76				
74TH STREET_GT_1 24260	EST	18.70	20.72	20.57	20.33	21.40	23.20	26.87	23.30	16.23	15.91	17.23	18.86	18.37	18.84	20.33	26.06	34.83	39.59	34.47	30.91	27.19	25.49	26.10	44.07				
		1.02	1.01	0.95	0.91	0.98	1.05	1.28	1.09	0.87	0.94	1.02	1.07	1.07	1.19	1.31	1.55	1.87	2.13	1.95	1.71	1.46	1.40	1.45	1.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.76				
74TH STREET_GT_2 24261	EST	18.70	20.72	20.57	20.33	21.40	23.20	26.87	23.30	16.23	15.91	17.23	18.86	18.37	18.84	20.33	26.06	34.83	39.59	34.47	30.91	27.19	25.49	26.10	44.07				
		1.02	1.01	0.95	0.91	0.98	1.05	1.28	1.09	0.87	0.94	1.02	1.07	1.07	1.19	1.31	1.55	1.87	2.13	1.95	1.71	1.46	1.40	1.45	1.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.76				
ADK HUDSON___FALLS 24011	EST	18.79	20.95	20.84	20.63	21.68	23.53	27.28	23.72	16.27	15.69	16.95	18.55	17.97	18.40	20.17	26.12	35.39	40.37	35.12	31.50	27.63	25.86	26.40	26.81				
		1.10	1.24	1.23	1.21	1.25	1.38	1.70	1.50	0.92	0.72	0.74	0.76	0.67	0.76	1.15	1.62	2.44	2.92	2.60	2.31	1.90	1.76	1.75	1.70				
		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	EST	18.85	21.03	20.92	20.71	21.76	23.62	27.43	23.87	16.35	15.73	16.99	18.59	18.01	18.45	20.31	26.28	35.68	40.72	35.45	31.79	27.85	26.04	26.54	26.95				
		1.17	1.32	1.31	1.29	1.34	1.47	1.84	1.66	1.00	0.75	0.78	0.80	0.71	0.80	1.29	1.77	2.72	3.26	2.94	2.60	2.12	1.94	1.89	1.84				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	18.79	20.95	20.84	20.63	21.68	23.53	27.28	23.72	16.27	15.69	16.95	18.55	17.97	18.40	20.17	26.12	35.39	40.37	35.12	31.50	27.63	25.86	26.40	26.81				
		1.10	1.24	1.23	1.21	1.25	1.38	1.70	1.50	0.92	0.72	0.74	0.76	0.67	0.76	1.15	1.62	2.44	2.92	2.60	2.31	1.90	1.76	1.75	1.70				
		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	EST	18.46	20.57	20.47	20.26	21.24	23.05	26.67	23.19	15.98	15.48	16.64	18.20	17.69	18.12	19.79	25.55	34.34	39.24	34.11	30.62	27.03	25.36	25.89	26.33				
		0.78	0.86	0.85	0.84	0.82	0.90	1.09	0.97	0.62	0.50	0.44	0.41	0.39	0.48	0.78	1.04	1.39	1.78	1.59	1.43	1.31	1.26	1.24	1.22				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	17.75	19.76	19.68	19.50	20.44	22.16	25.62	22.27	15.38	15.01	16.24	17.77	17.29	17.67	19.16	24.64	33.07	37.69	32.77	29.40	25.88	24.28	24.80	25.43				
		0.07	0.05	0.06	0.08	0.02	0.01	0.03	0.05	0.02	0.04	0.04	-0.01	-0.01	0.03	0.14	0.13	0.12	0.23	0.25	0.21	0.15	0.18	0.15	0.33				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	17.73	19.13	19.70	19.50	20.53	22.31	25.77	22.42	15.49	15.11	16.35	17.99	17.52	17.82	19.15	24.63	33.16	37.60	32.59	29.32	25.91	24.21	24.79	25.32				
		0.05	0.06	0.08	0.09	0.11	0.17	0.18	0.20	0.13	0.13	0.14	0.21	0.22	0.18	0.14	0.12	0.20	0.14	0.07	0.13	0.19	0.11	0.14	0.21				
		0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	18.11	20.17	20.08	19.89	20.87	22.63	26.17	22.69	15.56	15.10	16.35	17.91	17.40	17.77	19.26	25.03	33.77	38.48	33.45	30.01	26.40	24.76	25.29	25.84				
		0.42	0.46	0.46	0.47	0.44	0.48	0.58	0.47	0.20	0.13	0.14	0.12	0.11	0.12	0.24	0.52	0.81	1.02	0.94	0.82	0.68	0.67	0.64	0.74				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	18.11	20.16	20.07	19.88	20.87	22.62	26.16	22.68	15.56	15.10	16.34	17.91	17.40	17.77	19.26	25.02	33.76	38.47	33.44	30.00	26.40	24.76	25.28	25.83				
		0.42	0.45	0.46	0.46	0.44	0.48	0.58	0.46	0.20	0.13	0.14	0.12	0.10	0.12	0.24	0.51	0.80	1.01	0.92	0.81	0.68	0.67	0.63	0.73				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	17.75	19.76	19.68	19.50	20.44	22.16	25.62	22.27	15.38	15.01	16.24	17.77	17.29	17.67	19.16	24.64	33.07	37.69	32.77	29.40	25.88	24.28	24.80	25.43				
		0.07	0.05	0.06	0.08	0.02	0.01	0.03	0.05	0.02	0.04	0.04	-0.01	-0.01	0.03	0.14	0.13	0.12	0.23	0.25	0.21	0.15	0.18	0.15	0.33				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.69 0.23 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
ALBANY___3 23573	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.69 0.23 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
ALBANY___4 23574	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.69 0.23 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
ALBANY___LFGE 323615	17.95 0.27 0.00	19.98 0.27 0.00	19.89 0.27 0.00	19.71 0.29 0.00	20.67 0.25 0.00	22.41 0.26 0.00	25.91 0.33 0.00	22.51 0.29 0.00	15.54 0.18 0.00	15.15 0.18 0.00	16.40 0.19 0.00	17.94 0.15 0.00	17.44 0.14 0.00	17.84 0.19 0.00	19.35 0.33 0.00	24.93 0.41 0.00	33.47 0.52 0.00	38.14 0.68 0.00	33.16 0.64 0.00	29.75 0.56 0.00	26.18 0.45 0.00	24.56 0.46 0.00	25.08 0.43 0.00	25.67 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	17.78 0.10 0.00	19.19 0.12 0.64	19.76 0.14 0.00	19.56 0.14 0.00	20.59 0.17 0.00	22.38 0.23 0.00	25.84 0.25 0.00	22.48 0.26 0.00	15.53 0.17 0.00	15.15 0.18 0.00	16.39 0.18 0.00	18.04 0.25 0.00	17.57 0.27 0.00	17.87 0.23 0.00	19.21 0.19 0.00	24.70 0.20 0.00	33.26 0.30 0.00	37.70 0.24 0.00	32.67 0.15 0.00	29.39 0.20 0.00	25.98 0.25 0.00	24.27 0.17 0.00	24.85 0.20 0.00	25.38 0.27 0.00
ALCOA_RYNLDS___DRP 24188	17.78 0.10 0.00	19.19 0.12 0.64	19.76 0.14 0.00	19.56 0.14 0.00	20.59 0.17 0.00	22.38 0.23 0.00	25.84 0.25 0.00	22.48 0.26 0.00	15.53 0.17 0.00	15.15 0.18 0.00	16.39 0.18 0.00	18.04 0.25 0.00	17.57 0.27 0.00	17.87 0.23 0.00	19.21 0.19 0.00	24.70 0.20 0.00	33.26 0.30 0.00	37.70 0.24 0.00	32.67 0.15 0.00	29.39 0.20 0.00	25.98 0.25 0.00	24.27 0.17 0.00	24.85 0.20 0.00	25.38 0.27 0.00
ALCOA___DSASP 323711	17.78 0.10 0.00	19.19 0.12 0.64	19.76 0.14 0.00	19.56 0.14 0.00	20.59 0.17 0.00	22.38 0.23 0.00	25.84 0.25 0.00	22.48 0.26 0.00	15.53 0.17 0.00	15.15 0.18 0.00	16.39 0.18 0.00	18.04 0.25 0.00	17.57 0.27 0.00	17.87 0.23 0.00	19.21 0.19 0.00	24.71 0.20 0.00	33.26 0.30 0.00	37.70 0.24 0.00	32.67 0.15 0.00	29.39 0.20 0.00	25.97 0.25 0.00	24.27 0.17 0.00	24.85 0.20 0.00	25.38 0.28 0.00
ALLEGHENY___COGEN 23514	17.90 0.22 0.00	20.04 0.34 0.00	19.99 0.37 0.00	19.80 0.38 0.00	20.86 0.43 0.00	22.75 0.61 0.00	26.18 0.59 0.00	22.67 0.46 0.00	15.39 0.03 0.00	14.79 -0.19 0.00	15.93 -0.28 0.00	17.58 -0.21 0.00	17.10 -0.19 0.00	17.29 -0.35 0.00	18.46 -0.56 0.00	23.98 -0.53 0.00	32.88 -0.07 0.00	37.83 0.37 0.00	32.64 0.12 0.00	29.30 0.11 0.00	25.60 -0.12 0.00	23.78 -0.31 0.00	24.42 -0.23 0.00	24.95 -0.15 0.00
ALTAMONT_115KV_TB 2 55880	17.99 0.31 0.00	20.04 0.33 0.00	19.94 0.32 0.00	19.75 0.32 0.00	20.73 0.31 0.00	22.46 0.32 0.00	25.97 0.39 0.00	22.55 0.33 0.00	15.58 0.22 0.00	15.17 0.19 0.00	16.43 0.22 0.00	17.99 0.21 0.00	17.49 0.19 0.00	17.87 0.23 0.00	19.34 0.32 0.00	24.93 0.41 0.00	33.49 0.54 0.00	38.14 0.69 0.00	33.17 0.66 0.00	29.76 0.57 0.00	26.19 0.47 0.00	24.57 0.47 0.00	25.11 0.46 0.00	25.58 0.48 0.00
ALTONA_WT_PWR 323606	17.32 -0.35 0.01	9.14 -0.41 10.15	19.29 -0.33 0.00	19.20 -0.22 0.00	20.34 -0.08 0.00	22.21 0.06 0.00	25.75 0.16 0.00	22.58 0.36 0.00	15.63 0.27 0.00	15.22 0.24 0.00	16.48 0.27 0.00	18.16 0.38 0.00	17.71 0.42 0.00	18.01 0.37 0.00	19.30 0.29 0.00	24.85 0.33 0.00	33.53 0.57 0.00	37.81 0.35 0.00	32.83 0.32 0.00	29.56 0.37 0.00	26.27 0.55 0.00	24.50 0.41 0.00	25.07 0.42 0.00	25.64 0.53 0.00
AMERICAN_REF_FUEL 24010	16.99 -0.69 0.00	19.14 -0.57 0.00	19.07 -0.55 0.00	18.87 -0.55 0.00	19.77 -0.65 0.00	21.45 -0.69 0.00	24.41 -1.18 0.00	20.86 -1.36 0.00	14.46 -0.89 0.00	14.20 -0.78 0.00	15.29 -0.92 0.00	16.94 -0.84 0.00	16.51 -0.78 0.00	16.54 -1.10 0.00	17.56 -1.46 0.00	22.63 -1.88 0.00	30.39 -2.56 0.00	34.11 -3.35 0.00	29.32 -3.20 0.00	26.47 -2.72 0.00	23.24 -2.49 0.00	21.73 -2.37 0.00	22.66 -1.99 0.00	23.42 -1.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.49 -0.19 0.00	19.53 -0.18 0.00	19.51 -0.11 0.00	19.32 -0.10 0.00	20.30 -0.12 0.00	22.09 -0.06 0.00	25.38 -0.20 0.00	21.92 -0.30 0.00	15.20 -0.15 0.00	14.96 -0.01 0.00	16.11 -0.10 0.00	17.83 0.04 0.00	17.38 0.09 0.00	17.47 -0.18 0.00	18.56 -0.46 0.00	23.99 -0.52 0.00	32.34 -0.61 0.00	36.40 -1.06 0.00	31.22 -1.30 0.00	27.93 -1.27 0.00	24.02 -1.70 0.00	22.29 -1.80 0.00	22.95 -1.70 0.00	23.76 -1.35 0.00
ARTHUR KILL_GT_1 23520	18.83 1.15 0.00	20.86 1.15 0.00	20.76 1.14 0.00	20.52 1.10 0.00	21.60 1.18 0.00	23.37 1.23 0.00	27.09 1.51 0.00	23.50 1.28 0.00	16.20 0.84 0.00	15.81 0.83 0.00	17.10 0.90 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.60 0.96 0.00	20.07 1.06 0.00	25.77 1.26 0.00	34.47 1.51 0.00	39.26 1.80 0.00	34.19 1.67 0.00	30.65 1.46 0.00	26.94 1.22 0.00	25.24 1.15 0.00	25.84 1.20 0.00	43.81 0.95 -17.76
ARTHUR_KILL_2 23512	18.78 1.09 0.00	20.80 1.09 0.00	20.70 1.08 0.00	20.46 1.04 0.00	21.54 1.12 0.00	23.31 1.17 0.00	27.02 1.43 0.00	23.43 1.21 0.00	16.16 0.80 0.00	15.77 0.79 0.00	17.07 0.86 0.00	18.57 0.79 0.00	18.09 0.79 0.00	18.56 0.92 0.00	20.03 1.02 0.00	25.70 1.19 0.00	34.37 1.42 0.00	39.14 1.68 0.00	34.09 1.58 0.00	30.57 1.38 0.00	26.87 1.14 0.00	25.18 1.08 0.00	25.78 1.13 0.00	43.75 0.89 -17.76
ARTHUR_KILL_3 23513	18.55 0.87 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.16 0.74 0.00	21.22 0.80 0.00	23.02 0.88 0.00	26.66 1.08 0.00	23.12 0.90 0.00	16.11 0.75 0.00	15.78 0.80 0.00	17.08 0.87 0.00	18.69 0.91 0.00	18.23 0.93 0.00	18.70 1.06 0.00	20.18 1.16 0.00	25.87 1.36 0.00	34.57 1.62 0.00	39.30 1.84 0.00	34.23 1.71 0.00	30.69 1.50 0.00	27.01 1.28 0.00	25.33 1.24 0.00	25.95 1.30 0.00	43.89 1.03 -17.76

ARTHUR_KILL_COGEN 323718	18.83 1.15 0.00	20.86 1.15 0.00	20.76 1.14 0.00	20.52 1.10 0.00	21.60 1.18 0.00	23.37 1.23 0.00	27.09 1.51 0.00	23.50 1.28 0.00	16.20 0.84 0.00	15.81 0.83 0.00	17.10 0.90 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.60 0.96 0.00	20.07 1.06 0.00	25.77 1.26 0.00	34.47 1.51 0.00	39.26 1.80 0.00	34.19 1.67 0.00	30.65 1.46 0.00	26.94 1.22 0.00	25.24 1.15 0.00	25.84 1.20 0.00	43.81 0.95 -17.76
ASHOKAN____ 23654	18.23 0.55 0.00	20.29 0.58 0.00	20.20 0.58 0.00	20.00 0.58 0.00	21.01 0.59 0.00	22.78 0.63 0.00	26.39 0.80 0.00	22.93 0.71 0.00	15.80 0.44 0.00	15.31 0.33 0.00	16.53 0.32 0.00	18.06 0.28 0.00	17.54 0.25 0.00	17.94 0.29 0.00	19.46 0.44 0.00	25.25 0.74 0.00	34.20 1.24 0.00	39.11 1.65 0.00	34.04 1.53 0.00	30.52 1.33 0.00	26.82 1.10 0.00	25.12 1.03 0.00	25.61 0.96 0.00	26.06 0.96 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.97 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	25.99 1.35 0.00	43.99 1.12 -17.76
ASTORIA_EAST_ENERGY_CC2 323582	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.97 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	25.99 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT2_1 24094	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT2_2 24095	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT2_3 24096	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT2_4 24097	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT3_1 24098	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT3_2 24099	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT3_3 24100	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT3_4 24101	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT4_1 24102	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT4_2 24103	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT4_3 24104	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76

ASTORIA_GT4_4 24105	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	26.00 1.35 0.00	43.99 1.12 -17.76
ASTORIA_GT_1 23523	18.58 0.90 0.00	20.56 0.86 0.00	20.40 0.79 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.70 1.11 0.00	23.14 0.92 0.00	16.11 0.75 0.00	15.78 0.80 0.00	17.10 0.89 0.00	18.69 0.90 0.00	18.23 0.93 0.00	18.70 1.05 0.00	20.19 1.17 0.00	25.91 1.40 0.00	34.61 1.65 0.00	39.34 1.88 0.00	34.29 1.77 0.00	30.74 1.55 0.00	27.06 1.33 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.16 -17.76
ASTORIA_GT_10 24110	18.60 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.21 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.87 1.01 -17.76
ASTORIA_GT_11 24225	18.60 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.21 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.87 1.01 -17.76
ASTORIA_GT_12 24226	18.60 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.21 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.87 1.01 -17.76
ASTORIA_GT_13 24227	18.60 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.21 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.87 1.01 -17.76
ASTORIA_GT_5 24106	18.58 0.90 0.00	20.56 0.86 0.00	20.40 0.78 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.69 1.11 0.00	23.14 0.92 0.00	16.11 0.75 0.00	15.78 0.81 0.00	17.10 0.89 0.00	18.69 0.90 0.00	18.23 0.94 0.00	18.70 1.05 0.00	20.19 1.17 0.00	25.90 1.40 0.00	34.61 1.66 0.00	39.34 1.88 0.00	34.29 1.77 0.00	30.74 1.55 0.00	27.06 1.33 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.15 -17.76
ASTORIA_GT_7 24107	18.58 0.90 0.00	20.56 0.86 0.00	20.40 0.78 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.69 1.11 0.00	23.14 0.92 0.00	16.11 0.75 0.00	15.78 0.81 0.00	17.10 0.89 0.00	18.69 0.90 0.00	18.23 0.94 0.00	18.70 1.05 0.00	20.19 1.17 0.00	25.90 1.40 0.00	34.61 1.66 0.00	39.34 1.88 0.00	34.29 1.77 0.00	30.74 1.55 0.00	27.06 1.33 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.15 -17.76
ASTORIA_GT_8 24108	18.58 0.90 0.00	20.56 0.86 0.00	20.40 0.78 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.69 1.11 0.00	23.14 0.92 0.00	16.11 0.75 0.00	15.78 0.81 0.00	17.10 0.89 0.00	18.69 0.90 0.00	18.23 0.94 0.00	18.70 1.05 0.00	20.19 1.17 0.00	25.90 1.40 0.00	34.61 1.66 0.00	39.34 1.88 0.00	34.29 1.77 0.00	30.74 1.55 0.00	27.06 1.33 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.15 -17.76
ASTORIA___2 24149	18.55 0.87 0.00	20.53 0.83 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.97 0.83 0.00	26.66 1.07 0.00	23.10 0.88 0.00	16.08 0.72 0.00	15.75 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.66 1.02 0.00	20.15 1.14 0.00	25.86 1.35 0.00	34.55 1.60 0.00	39.27 1.81 0.00	34.23 1.71 0.00	30.68 1.49 0.00	27.01 1.28 0.00	25.36 1.27 0.00	25.99 1.35 0.00	43.99 1.12 -17.76
ASTORIA___3 23516	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.70 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.22 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.29 1.20 0.00	25.90 1.25 0.00	43.88 1.01 -17.76
ASTORIA___4 23517	18.60 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.21 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.87 1.01 -17.76
ASTORIA___5 23518	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.70 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.22 1.76 0.00	34.17 1.65 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.29 1.20 0.00	25.90 1.25 0.00	43.88 1.01 -17.76
AST_ENERGY_2_CC3 323677	18.59 0.91 0.00	20.60 0.89 0.00	20.44 0.83 0.00	20.21 0.79 0.00	21.26 0.84 0.00	23.04 0.89 0.00	26.67 1.08 0.00	23.13 0.91 0.00	16.11 0.75 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.26 1.80 0.00	34.19 1.68 0.00	30.66 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.92 1.26 0.00	43.89 1.03 -17.76
AST_ENERGY_2_CC4 323678	18.59 0.91 0.00	20.60 0.89 0.00	20.44 0.83 0.00	20.21 0.79 0.00	21.26 0.84 0.00	23.04 0.89 0.00	26.67 1.08 0.00	23.13 0.91 0.00	16.11 0.75 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.26 1.80 0.00	34.19 1.68 0.00	30.66 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.92 1.26 0.00	43.89 1.03 -17.76

ATHENS_STG_1 23668	18.07 0.39 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.36 0.00	22.49 0.35 0.00	26.01 0.43 0.00	22.57 0.35 0.00	15.66 0.30 0.00	15.29 0.32 0.00	16.58 0.38 0.00	18.16 0.38 0.00	17.65 0.35 0.00	18.07 0.42 0.00	19.49 0.47 0.00	25.05 0.54 0.00	33.57 0.62 0.00	38.20 0.73 0.00	33.24 0.73 0.00	29.82 0.63 0.00	26.25 0.53 0.00	24.63 0.54 0.00	25.18 0.53 0.00	25.56 0.45 0.00
ATHENS_STG_2 23670	18.07 0.39 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.36 0.00	22.49 0.35 0.00	26.01 0.43 0.00	22.57 0.35 0.00	15.66 0.30 0.00	15.29 0.32 0.00	16.58 0.38 0.00	18.16 0.38 0.00	17.65 0.35 0.00	18.07 0.42 0.00	19.49 0.47 0.00	25.05 0.54 0.00	33.57 0.62 0.00	38.20 0.73 0.00	33.24 0.73 0.00	29.82 0.63 0.00	26.25 0.53 0.00	24.63 0.54 0.00	25.18 0.53 0.00	25.56 0.45 0.00
ATHENS_STG_3 23677	18.07 0.39 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.36 0.00	22.49 0.35 0.00	26.01 0.43 0.00	22.57 0.35 0.00	15.66 0.30 0.00	15.29 0.32 0.00	16.58 0.38 0.00	18.16 0.38 0.00	17.65 0.35 0.00	18.07 0.42 0.00	19.49 0.47 0.00	25.05 0.54 0.00	33.57 0.62 0.00	38.20 0.73 0.00	33.24 0.73 0.00	29.82 0.63 0.00	26.25 0.53 0.00	24.63 0.54 0.00	25.18 0.53 0.00	25.56 0.45 0.00
AUBURN___LFGE 323710	17.67 -0.02 0.00	19.73 0.02 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.42 0.00 0.00	22.14 -0.01 0.00	25.67 0.08 0.00	22.28 0.07 0.00	15.34 -0.02 0.00	14.90 -0.07 0.00	16.09 -0.12 0.00	17.61 -0.17 0.00	17.15 -0.14 0.00	17.44 -0.20 0.00	18.83 -0.18 0.00	24.43 -0.08 0.00	32.99 0.03 0.00	37.53 0.07 0.00	32.52 0.00 0.00	29.07 -0.13 0.00	25.63 -0.10 0.00	24.01 -0.09 0.00	24.55 -0.10 0.00	25.03 -0.07 0.00
BABYLON_RES_REC 323704	18.91 1.23 0.00	20.88 1.17 0.00	20.64 1.02 0.00	20.41 0.99 0.00	21.46 1.04 0.00	23.29 1.14 0.00	26.73 1.14 0.00	22.87 0.66 0.00	15.94 0.59 0.00	15.69 0.71 0.00	16.93 0.73 0.00	18.52 0.74 0.00	18.08 0.79 0.00	18.56 0.91 0.00	21.91 1.26 -1.64	28.13 1.51 -2.11	34.40 1.44 0.00	39.17 1.71 0.00	34.19 1.67 0.00	30.67 1.48 0.00	27.02 1.29 0.00	25.55 1.45 0.00	26.36 1.71 0.00	26.39 1.29 0.00
BABYLON__69_KV_BK2 356345	19.07 1.39 0.00	21.05 1.34 0.00	20.81 1.19 0.00	20.58 1.16 0.00	21.64 1.22 0.00	23.48 1.34 0.00	27.06 1.47 0.00	23.23 1.01 0.00	16.20 0.85 0.00	15.95 0.97 0.00	17.21 1.00 0.00	18.83 1.05 0.00	18.40 1.10 0.00	18.93 1.29 0.00	22.33 1.68 -1.64	28.66 2.05 -2.11	35.10 2.15 0.00	39.98 2.52 0.00	34.80 2.28 0.00	31.18 1.99 0.00	27.44 1.72 0.00	25.79 1.69 0.00	26.60 1.95 0.00	26.59 1.48 0.00
BALL_HILL_WT_PWR 323825	17.42 -0.26 0.00	19.53 -0.18 0.00	19.48 -0.14 0.00	19.29 -0.14 0.00	20.25 -0.17 0.00	22.00 -0.14 0.00	25.18 -0.41 0.00	21.71 -0.51 0.00	15.04 -0.32 0.00	14.77 -0.21 0.00	15.91 -0.30 0.00	17.62 -0.17 0.00	17.18 -0.12 0.00	17.26 -0.38 0.00	18.35 -0.67 0.00	23.68 -0.82 0.00	31.84 -1.12 0.00	35.84 -1.62 0.00	30.78 -1.74 0.00	27.66 -1.53 0.00	24.09 -1.64 0.00	22.46 -1.64 0.00	23.22 -1.43 0.00	24.00 -1.10 0.00
BARON_WINDS___WT_PWR 323822	17.14 -0.54 0.00	19.22 -0.49 0.00	19.18 -0.44 0.00	19.03 -0.39 0.00	20.12 -0.30 0.00	21.95 -0.20 0.00	25.28 -0.31 0.00	21.92 -0.30 0.00	15.03 -0.33 0.00	14.67 -0.30 0.00	15.81 -0.40 0.00	17.45 -0.33 0.00	16.98 -0.31 0.00	17.26 -0.39 0.00	18.42 -0.60 0.00	23.94 -0.56 0.00	32.32 -0.63 0.00	36.58 -0.88 0.00	31.51 -1.00 0.00	28.17 -1.02 0.00	24.54 -1.18 0.00	22.78 -1.32 0.00	23.24 -1.41 0.00	23.74 -1.37 0.00
BARRETT_IC_1 23704	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_10 23701	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_11 23702	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_12 23703	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_2 23705	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_3 23706	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_4 23707	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00

BARRETT_IC_5 23708	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_6 23709	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_7 23710	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.89 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.95 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.66 0.00	39.27 1.81 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.14 1.04 0.00
BARRETT_IC_8 23711	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT_IC_9 23700	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT___1 23545	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BARRETT___2 23546	18.68 1.00 0.00	20.64 0.94 0.00	20.40 0.79 0.00	20.18 0.76 0.00	21.23 0.81 0.00	23.03 0.88 0.00	26.59 1.01 0.00	22.86 0.64 0.00	15.96 0.60 0.00	15.74 0.77 0.00	17.04 0.83 0.00	18.65 0.87 0.00	18.22 0.92 0.00	18.74 1.09 0.00	22.03 1.38 -1.64	28.23 1.61 -2.11	34.61 1.65 0.00	39.26 1.80 0.00	34.16 1.64 0.00	30.59 1.40 0.00	26.92 1.20 0.00	25.29 1.19 0.00	26.03 1.38 0.00	26.15 1.04 0.00
BATAVIA___115KV_TB1 55881	17.61 -0.07 0.00	19.78 0.08 0.00	19.72 0.10 0.00	19.51 0.09 0.00	20.47 0.04 0.00	22.22 0.08 0.00	25.42 -0.17 0.00	21.85 -0.36 0.00	15.08 -0.28 0.00	14.68 -0.29 0.00	15.75 -0.46 0.00	17.41 -0.37 0.00	16.94 -0.36 0.00	17.03 -0.62 0.00	18.15 -0.87 0.00	23.57 -0.94 0.00	31.95 -1.01 0.00	36.15 -1.31 0.00	31.11 -1.40 0.00	28.03 -1.16 0.00	24.58 -1.14 0.00	22.96 -1.14 0.00	23.80 -0.85 0.00	24.49 -0.61 0.00
BAYONEEC___CTG1 323682	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG10 323750	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG2 323683	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG3 323684	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG4 323685	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG5 323686	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG6 323687	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76

BAYONEEC___CTG7 323688	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG8 323689	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BAYONEEC___CTG9 323749	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.19 0.00	25.90 1.39 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.35 1.25 0.00	25.96 1.31 0.00	43.93 1.07 -17.76
BEACON___LESR 323632	18.02 0.34 0.00	20.05 0.34 0.00	19.96 0.34 0.00	19.78 0.36 0.00	20.77 0.35 0.00	22.52 0.38 0.00	26.08 0.50 0.00	22.63 0.40 0.00	15.60 0.24 0.00	15.22 0.25 0.00	16.41 0.20 0.00	18.00 0.21 0.00	17.51 0.21 0.00	17.89 0.24 0.00	19.46 0.44 0.00	25.10 0.59 0.00	33.68 0.73 0.00	38.42 0.96 0.00	33.51 0.99 0.00	29.96 0.77 0.00	26.35 0.62 0.00	24.70 0.60 0.00	25.21 0.56 0.00	25.83 0.73 0.00
BEAVER RIVER___HYD 24048	17.67 -0.02 0.00	22.31 0.06 -2.54	19.88 0.26 0.00	19.61 0.19 0.00	20.62 0.20 0.00	22.42 0.28 0.00	26.27 0.69 0.00	23.00 0.78 0.00	15.68 0.33 0.00	15.14 0.17 0.00	16.37 0.17 0.00	17.99 0.21 0.00	17.50 0.21 0.00	17.78 0.13 0.00	19.15 0.13 0.00	25.10 0.59 0.00	34.74 1.79 0.00	39.77 2.32 0.00	34.56 2.04 0.00	31.01 1.82 0.00	27.27 1.55 0.00	25.39 1.30 0.00	25.67 1.02 0.00	25.99 0.88 0.00
BEEBEE_GT_13 23619	17.34 -0.34 0.00	19.43 -0.28 0.00	19.35 -0.27 0.00	19.14 -0.28 0.00	20.10 -0.32 0.00	21.80 -0.34 0.00	25.04 -0.55 0.00	21.65 -0.57 0.00	14.96 -0.39 0.00	14.62 -0.36 0.00	15.78 -0.43 0.00	17.40 -0.38 0.00	16.96 -0.34 0.00	17.13 -0.51 0.00	18.32 -0.70 0.00	23.68 -0.83 0.00	31.90 -1.06 0.00	36.11 -1.35 0.00	31.16 -1.35 0.00	28.03 -1.16 0.00	24.63 -1.10 0.00	23.02 -1.08 0.00	23.73 -0.92 0.00	24.37 -0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.77 1.08 0.00	20.78 1.08 0.00	20.64 1.02 0.00	20.40 0.98 0.00	21.47 1.05 0.00	23.27 1.12 0.00	26.97 1.38 0.00	23.39 1.17 0.00	16.25 0.89 0.00	15.90 0.93 0.00	17.23 1.02 0.00	18.81 1.03 0.00	18.33 1.04 0.00	18.80 1.16 0.00	20.29 1.27 0.00	26.02 1.51 0.00	34.77 1.81 0.00	39.54 2.08 0.00	34.47 1.95 0.00	30.91 1.72 0.00	27.18 1.46 0.00	25.47 1.37 0.00	26.07 1.42 0.00	44.03 1.17 -17.76
BETHLEHEM___GRP 23843	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.69 0.23 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
BETHLEHEM___GS1 323560	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.68 0.22 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
BETHLEHEM___GS2 323561	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.68 0.22 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
BETHLEHEM___GS3 323562	17.75 0.07 0.00	19.76 0.05 0.00	19.68 0.06 0.00	19.50 0.08 0.00	20.44 0.02 0.00	22.16 0.01 0.00	25.62 0.03 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.04 0.00	16.24 0.04 0.00	17.77 -0.01 0.00	17.29 -0.01 0.00	17.67 0.03 0.00	19.16 0.14 0.00	24.64 0.13 0.00	33.07 0.12 0.00	37.68 0.22 0.00	32.77 0.25 0.00	29.40 0.21 0.00	25.88 0.15 0.00	24.28 0.18 0.00	24.80 0.15 0.00	25.43 0.33 0.00
BETHLEHEM___STEEL 23779	17.41 -0.27 0.00	19.57 -0.14 0.00	19.50 -0.12 0.00	19.30 -0.12 0.00	20.26 -0.16 0.00	22.00 -0.14 0.00	25.17 -0.42 0.00	21.67 -0.55 0.00	15.01 -0.35 0.00	14.73 -0.25 0.00	15.87 -0.34 0.00	17.57 -0.22 0.00	17.13 -0.17 0.00	17.21 -0.43 0.00	18.29 -0.73 0.00	23.61 -0.90 0.00	31.69 -1.27 0.00	35.68 -1.78 0.00	30.66 -1.86 0.00	27.61 -1.58 0.00	24.17 -1.55 0.00	22.56 -1.53 0.00	23.38 -1.27 0.00	24.15 -0.95 0.00
BETHLHEM_115KV_TB1 79974	17.80 0.12 0.00	19.82 0.11 0.00	19.73 0.11 0.00	19.54 0.12 0.00	20.50 0.07 0.00	22.21 0.07 0.00	25.69 0.10 0.00	22.32 0.10 0.00	15.42 0.06 0.00	15.05 0.07 0.00	16.28 0.08 0.00	17.82 0.03 0.00	17.33 0.03 0.00	17.72 0.07 0.00	19.19 0.17 0.00	24.70 0.19 0.00	33.15 0.19 0.00	37.76 0.30 0.00	32.84 0.32 0.00	29.46 0.27 0.00	25.93 0.21 0.00	24.34 0.24 0.00	24.86 0.21 0.00	25.45 0.35 0.00
BETHPAGE_CC_5 323564	18.89 1.20 0.00	20.86 1.15 0.00	20.62 1.00 0.00	20.40 0.97 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.86 1.27 0.00	23.08 0.86 0.00	16.11 0.75 0.00	15.86 0.88 0.00	17.12 0.92 0.00	18.74 0.95 0.00	18.30 1.01 0.00	18.83 1.19 0.00	22.16 1.51 -1.64	28.42 1.80 -2.11	34.80 1.84 0.00	39.58 2.12 0.00	34.44 1.92 0.00	30.85 1.66 0.00	27.15 1.42 0.00	25.50 1.40 0.00	26.32 1.67 0.00	26.39 1.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.48 -0.20 0.00	19.65 -0.06 0.00	19.58 -0.04 0.00	19.38 -0.05 0.00	20.35 -0.08 0.00	22.11 -0.04 0.00	25.29 -0.30 0.00	21.78 -0.44 0.00	15.08 -0.28 0.00	14.80 -0.18 0.00	15.95 -0.26 0.00	17.66 -0.12 0.00	17.21 -0.09 0.00	17.30 -0.34 0.00	18.39 -0.63 0.00	23.74 -0.77 0.00	31.85 -1.10 0.00	35.87 -1.59 0.00	30.84 -1.68 0.00	27.76 -1.43 0.00	24.30 -1.43 0.00	22.69 -1.41 0.00	23.49 -1.16 0.00	24.27 -0.84 0.00

BINGHAMTON___COGEN 23790	17.63 -0.05 0.00	19.68 -0.03 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.46 0.03 0.00	22.19 0.04 0.00	25.60 0.02 0.00	22.22 0.00 0.00	15.32 -0.04 0.00	14.98 0.01 0.00	16.18 -0.03 0.00	17.79 0.00 0.00	17.29 -0.01 0.00	17.67 0.02 0.00	18.97 -0.05 0.00	24.52 0.01 0.00	32.93 -0.03 0.00	37.36 -0.09 0.00	32.40 -0.12 0.00	29.05 -0.15 0.00	25.55 -0.18 0.00	23.93 -0.17 0.00	24.46 -0.19 0.00	24.94 -0.17 0.00
BIXINCNT_115KV_LOAD 355685	17.63 -0.05 0.00	19.83 0.12 0.00	19.79 0.18 0.00	19.54 0.12 0.00	20.58 0.16 0.00	22.45 0.30 0.00	25.70 0.12 0.00	22.15 -0.07 0.00	15.35 -0.01 0.00	15.09 0.11 0.00	16.25 0.04 0.00	17.96 0.17 0.00	17.49 0.19 0.00	17.67 0.02 0.00	18.80 -0.22 0.00	24.23 -0.28 0.00	32.40 -0.55 0.00	36.54 -0.92 0.00	31.38 -1.14 0.00	28.10 -1.09 0.00	24.46 -1.26 0.00	22.73 -1.36 0.00	23.41 -1.24 0.00	24.20 -0.90 0.00
BLACK RIVER___HYD 24047	17.60 -0.08 0.00	21.55 0.07 -1.77	19.85 0.23 0.00	19.55 0.13 0.00	20.55 0.12 0.00	22.34 0.19 0.00	26.13 0.55 0.00	22.84 0.62 0.00	15.57 0.21 0.00	15.00 0.03 0.00	16.24 0.03 0.00	17.83 0.05 0.00	17.34 0.04 0.00	17.60 -0.04 0.00	18.97 -0.05 0.00	24.93 0.42 0.00	34.59 1.63 0.00	39.63 2.17 0.00	34.44 1.92 0.00	30.89 1.70 0.00	27.17 1.45 0.00	25.29 1.20 0.00	25.53 0.88 0.00	25.81 0.70 0.00
BLACKRVR_115KV_TB2 79977	17.60 -0.08 0.00	21.55 0.07 -1.77	19.85 0.23 0.00	19.55 0.13 0.00	20.55 0.12 0.00	22.34 0.19 0.00	26.13 0.55 0.00	22.84 0.62 0.00	15.57 0.21 0.00	15.00 0.03 0.00	16.24 0.03 0.00	17.83 0.05 0.00	17.34 0.04 0.00	17.60 -0.04 0.00	18.97 -0.05 0.00	24.93 0.42 0.00	34.59 1.63 0.00	39.63 2.17 0.00	34.44 1.92 0.00	30.89 1.70 0.00	27.17 1.45 0.00	25.30 1.20 0.00	25.53 0.88 0.00	25.81 0.70 0.00
BLISS_WT_PWR 323608	17.61 -0.07 0.00	19.81 0.10 0.00	19.78 0.16 0.00	19.51 0.09 0.00	20.56 0.14 0.00	22.47 0.33 0.00	25.72 0.13 0.00	22.16 -0.06 0.00	15.36 0.01 0.00	15.10 0.13 0.00	16.27 0.07 0.00	17.98 0.19 0.00	17.50 0.21 0.00	17.68 0.04 0.00	18.82 -0.20 0.00	24.24 -0.27 0.00	32.43 -0.52 0.00	36.57 -0.89 0.00	31.39 -1.13 0.00	28.08 -1.11 0.00	24.39 -1.33 0.00	22.62 -1.48 0.00	23.29 -1.36 0.00	24.08 -1.02 0.00
BLUESTONE___WT_PWR 323821	17.21 -0.48 0.00	19.34 -0.37 0.00	19.21 -0.41 0.00	19.26 -0.16 0.00	20.49 0.06 0.00	22.09 -0.06 0.00	25.52 -0.06 0.00	22.31 0.09 0.00	15.59 0.23 0.00	15.37 0.39 0.00	16.64 0.43 0.00	18.25 0.47 0.00	17.69 0.40 0.00	17.98 0.34 0.00	19.43 0.41 0.00	25.46 0.95 0.00	34.56 1.61 0.00	39.36 1.90 0.00	34.21 1.69 0.00	30.69 1.50 0.00	27.02 1.30 0.00	25.28 1.19 0.00	25.72 1.07 0.00	26.10 1.00 0.00
BLUE_CIRC_CHEM_DRP 24182	18.01 0.33 0.00	20.06 0.34 0.00	19.96 0.35 0.00	19.77 0.35 0.00	20.75 0.33 0.00	22.49 0.35 0.00	25.99 0.41 0.00	22.56 0.34 0.00	15.52 0.16 0.00	15.10 0.13 0.00	16.35 0.14 0.00	17.92 0.13 0.00	17.41 0.11 0.00	17.78 0.13 0.00	19.25 0.23 0.00	24.92 0.41 0.00	33.52 0.57 0.00	38.19 0.73 0.00	33.19 0.68 0.00	29.78 0.59 0.00	26.22 0.49 0.00	24.59 0.50 0.00	25.12 0.47 0.00	25.66 0.56 0.00
BOC_GAS_DRP 24189	17.92 0.24 0.00	19.95 0.24 0.00	19.86 0.24 0.00	19.66 0.24 0.00	20.65 0.22 0.00	22.37 0.22 0.00	25.85 0.26 0.00	22.45 0.23 0.00	15.52 0.16 0.00	15.14 0.16 0.00	16.40 0.20 0.00	17.96 0.18 0.00	17.46 0.16 0.00	17.85 0.21 0.00	19.30 0.27 0.00	24.84 0.33 0.00	33.33 0.37 0.00	37.94 0.48 0.00	33.00 0.48 0.00	29.61 0.41 0.00	26.06 0.34 0.00	24.45 0.35 0.00	24.99 0.34 0.00	25.47 0.37 0.00
BOONVILLE_115KV_TB1 79983	17.86 0.18 0.00	20.90 0.23 -0.96	19.95 0.33 0.00	19.72 0.30 0.00	20.75 0.33 0.00	22.55 0.40 0.00	26.23 0.65 0.00	22.86 0.64 0.00	15.68 0.33 0.00	15.20 0.23 0.00	16.45 0.24 0.00	18.04 0.26 0.00	17.54 0.24 0.00	17.85 0.21 0.00	19.27 0.25 0.00	25.09 0.58 0.00	34.23 1.27 0.00	39.05 1.59 0.00	33.90 1.38 0.00	30.41 1.21 0.00	26.76 1.03 0.00	24.99 0.90 0.00	25.41 0.76 0.00	25.79 0.69 0.00
BORALEX_4TH_BRANCH 23824	18.46 0.78 0.00	20.57 0.86 0.00	20.47 0.85 0.00	20.26 0.84 0.00	21.24 0.82 0.00	23.05 0.91 0.00	26.67 1.09 0.00	23.19 0.98 0.00	15.98 0.62 0.00	15.48 0.50 0.00	16.65 0.44 0.00	18.20 0.41 0.00	17.69 0.39 0.00	18.12 0.48 0.00	19.79 0.78 0.00	25.55 1.04 0.00	34.34 1.39 0.00	39.24 1.78 0.00	34.11 1.59 0.00	30.62 1.43 0.00	27.03 1.31 0.00	25.36 1.26 0.00	25.89 1.24 0.00	26.33 1.22 0.00
BOWLINE___1 23526	18.40 0.72 0.00	20.39 0.68 0.00	20.25 0.63 0.00	20.03 0.61 0.00	21.09 0.66 0.00	22.89 0.74 0.00	26.50 0.91 0.00	22.97 0.75 0.00	15.96 0.60 0.00	15.62 0.64 0.00	16.89 0.69 0.00	18.49 0.70 0.00	18.01 0.71 0.00	18.48 0.84 0.00	19.95 0.93 0.00	25.60 1.09 0.00	34.25 1.29 0.00	38.96 1.50 0.00	33.90 1.39 0.00	30.39 1.20 0.00	26.74 1.02 0.00	25.09 0.99 0.00	25.69 1.04 0.00	25.96 0.85 0.00
BOWLINE___2 23595	18.40 0.72 0.00	20.39 0.68 0.00	20.25 0.63 0.00	20.03 0.61 0.00	21.09 0.66 0.00	22.89 0.74 0.00	26.50 0.91 0.00	22.97 0.75 0.00	15.96 0.60 0.00	15.62 0.64 0.00	16.89 0.69 0.00	18.49 0.70 0.00	18.01 0.71 0.00	18.48 0.84 0.00	19.95 0.93 0.00	25.60 1.09 0.00	34.25 1.29 0.00	38.96 1.50 0.00	33.90 1.39 0.00	30.39 1.20 0.00	26.74 1.02 0.00	25.09 0.99 0.00	25.69 1.04 0.00	25.96 0.85 0.00
BRADY___115KV_TB2 356060	18.87 1.18 -0.01	27.76 1.33 -6.73	21.09 1.47 0.00	20.89 1.47 0.00	22.06 1.64 0.00	24.10 1.95 0.00	28.29 2.70 0.00	24.80 2.58 0.00	16.54 1.18 0.00	15.77 0.79 0.00	16.99 0.79 0.00	18.72 0.93 0.00	18.25 0.96 0.00	18.54 0.90 0.00	19.91 0.89 0.00	26.10 1.59 0.00	36.88 3.92 0.00	42.53 5.07 0.00	36.96 4.44 0.00	33.17 3.98 0.00	29.20 3.48 0.00	27.11 3.01 0.00	27.43 2.78 0.00	27.85 2.75 0.00
BRANSCOMB___SOLAR 323811	18.54 0.86 0.00	20.66 0.95 0.00	20.56 0.94 0.00	20.35 0.93 0.00	21.36 0.94 0.00	23.19 1.04 0.00	26.85 1.27 0.00	23.31 1.10 0.00	16.02 0.66 0.00	15.47 0.49 0.00	16.70 0.50 0.00	18.28 0.50 0.00	17.73 0.44 0.00	18.15 0.51 0.00	19.82 0.80 0.00	25.69 1.18 0.00	34.73 1.77 0.00	39.60 2.15 0.00	34.43 1.92 0.00	30.89 1.70 0.00	27.15 1.42 0.00	25.43 1.33 0.00	25.97 1.32 0.00	26.41 1.31 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.02 1.33 0.00	20.99 1.28 0.00	20.73 1.12 0.00	20.51 1.09 0.00	21.56 1.14 0.00	23.40 1.25 0.00	26.99 1.40 0.00	23.15 0.94 0.00	16.16 0.80 0.00	15.91 0.93 0.00	17.17 0.96 0.00	18.78 0.99 0.00	18.35 1.05 0.00	18.90 1.26 0.00	22.30 1.64 -1.64	28.59 1.98 -2.11	34.93 1.97 0.00	39.73 2.27 0.00	34.62 2.10 0.00	31.03 1.84 0.00	27.29 1.56 0.00	25.63 1.53 0.00	26.45 1.80 0.00	26.46 1.35 0.00

BRISTLHL_115KV_TB1 79998	17.33 -0.35 0.00	19.34 -0.37 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	20.04 -0.39 0.00	21.72 -0.43 0.00	25.06 -0.52 0.00	21.77 -0.45 0.00	15.03 -0.33 0.00	14.63 -0.35 0.00	15.81 -0.40 0.00	17.35 -0.43 0.00	16.86 -0.43 0.00	17.19 -0.46 0.00	18.51 -0.51 0.00	23.93 -0.58 0.00	32.27 -0.69 0.00	36.72 -0.74 0.00	31.84 -0.68 0.00	28.57 -0.62 0.00	25.15 -0.57 0.00	23.56 -0.53 0.00	24.10 -0.55 0.00	24.55 -0.56 0.00
BROOKHAVEN___DRP 24191	18.93 1.25 0.00	20.89 1.18 0.00	20.64 1.02 0.00	20.41 0.99 0.00	21.46 1.04 0.00	23.29 1.14 0.00	26.85 1.27 0.00	23.05 0.83 0.00	16.09 0.73 0.00	15.81 0.83 0.00	17.04 0.84 0.00	18.64 0.86 0.00	18.26 0.96 0.00	18.84 1.19 0.00	22.28 1.62 -1.64	28.61 2.00 -2.11	34.99 2.04 0.00	39.83 2.37 0.00	34.63 2.11 0.00	31.00 1.81 0.00	27.31 1.59 0.00	25.65 1.56 0.00	26.43 1.78 0.00	26.07 0.96 0.00
BROOKLYN_NAVY_YARD 23515	18.55 0.87 0.00	20.56 0.85 0.00	20.41 0.79 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.65 1.06 0.00	23.12 0.90 0.00	16.09 0.74 0.00	15.77 0.80 0.00	17.08 0.87 0.00	18.68 0.89 0.00	18.20 0.90 0.00	18.67 1.02 0.00	20.14 1.12 0.00	25.81 1.30 0.00	34.48 1.52 0.00	39.20 1.74 0.00	34.14 1.63 0.00	30.63 1.44 0.00	26.95 1.22 0.00	25.28 1.19 0.00	25.91 1.26 0.00	43.88 1.02 -17.76
BROOKLYN___ARMY_DRP 323595	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
BROOKVLE_69_KV_TB1 55790	18.80 1.12 0.00	20.80 1.09 0.00	20.60 0.99 0.00	20.37 0.95 0.00	21.42 1.00 0.00	23.25 1.10 0.00	26.88 1.29 0.00	23.19 0.97 0.00	16.16 0.80 0.00	15.89 0.91 0.00	17.17 0.97 0.00	18.80 1.02 0.00	18.35 1.05 0.00	18.85 1.21 0.00	22.10 1.45 -1.64	28.35 1.74 -2.11	34.90 1.95 0.00	39.67 2.22 0.00	34.51 2.00 0.00	30.92 1.73 0.00	27.21 1.49 0.00	25.53 1.44 0.00	26.24 1.59 0.00	26.38 1.28 0.00
BROOME_2_LFGE 323671	17.63 -0.05 0.00	19.68 -0.03 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.46 0.03 0.00	22.19 0.05 0.00	25.60 0.02 0.00	22.22 0.00 0.00	15.32 -0.04 0.00	14.98 0.01 0.00	16.18 -0.03 0.00	17.79 0.00 0.00	17.29 -0.01 0.00	17.67 0.02 0.00	18.97 -0.05 0.00	24.52 0.01 0.00	32.93 -0.03 0.00	37.37 -0.09 0.00	32.40 -0.12 0.00	29.05 -0.14 0.00	25.54 -0.18 0.00	23.93 -0.16 0.00	24.46 -0.19 0.00	24.94 -0.16 0.00
BROOME___LFGE 323600	17.63 -0.05 0.00	19.68 -0.03 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.46 0.03 0.00	22.19 0.05 0.00	25.60 0.02 0.00	22.22 0.00 0.00	15.32 -0.04 0.00	14.98 0.01 0.00	16.18 -0.03 0.00	17.79 0.00 0.00	17.29 -0.01 0.00	17.67 0.02 0.00	18.97 -0.05 0.00	24.52 0.01 0.00	32.93 -0.03 0.00	37.37 -0.09 0.00	32.40 -0.12 0.00	29.05 -0.14 0.00	25.54 -0.18 0.00	23.93 -0.16 0.00	24.46 -0.19 0.00	24.94 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.37 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
BROWNSV1_27_KV_LOAD 356125	18.74 1.06 0.00	20.76 1.05 0.00	20.60 0.98 0.00	20.36 0.94 0.00	21.42 1.00 0.00	23.23 1.09 0.00	26.90 1.31 0.00	23.34 1.12 0.00	16.25 0.89 0.00	15.93 0.96 0.00	17.25 1.04 0.00	18.88 1.10 0.00	18.40 1.11 0.00	18.87 1.23 0.00	20.37 1.35 0.00	26.10 1.60 0.00	34.89 1.93 0.00	39.66 2.21 0.00	34.55 2.03 0.00	30.99 1.79 0.00	27.25 1.52 0.00	25.55 1.45 0.00	26.16 1.51 0.00	44.13 1.27 -17.76
BURROWS___LYONSDAL 23803	17.77 0.08 0.00	21.11 0.14 -1.27	19.89 0.27 0.00	19.65 0.23 0.00	20.67 0.25 0.00	22.47 0.32 0.00	26.21 0.62 0.00	22.86 0.64 0.00	15.67 0.32 0.00	15.18 0.20 0.00	16.42 0.22 0.00	18.02 0.23 0.00	17.52 0.23 0.00	17.83 0.18 0.00	19.24 0.22 0.00	25.09 0.58 0.00	34.34 1.39 0.00	39.21 1.75 0.00	34.05 1.54 0.00	30.54 1.35 0.00	26.87 1.15 0.00	25.07 0.98 0.00	25.44 0.79 0.00	25.81 0.70 0.00
CAITHNESS_CC_1 323624	18.91 1.23 0.00	20.87 1.16 0.00	20.61 0.99 0.00	20.39 0.96 0.00	21.43 1.01 0.00	23.25 1.10 0.00	26.80 1.22 0.00	23.01 0.79 0.00	16.07 0.71 0.00	15.80 0.82 0.00	17.04 0.83 0.00	18.64 0.85 0.00	18.24 0.94 0.00	18.81 1.17 0.00	22.23 1.58 -1.64	28.53 1.92 -2.11	34.88 1.93 0.00	39.70 2.24 0.00	34.52 2.00 0.00	30.91 1.72 0.00	27.23 1.50 0.00	25.58 1.48 0.00	26.36 1.71 0.00	26.11 1.00 0.00
CALPINE BETH_PAGE_GT4 24209	18.87 1.19 0.00	20.85 1.14 0.00	20.61 1.00 0.00	20.39 0.96 0.00	21.44 1.02 0.00	23.26 1.11 0.00	26.86 1.27 0.00	23.09 0.87 0.00	16.11 0.75 0.00	15.86 0.88 0.00	17.13 0.92 0.00	18.75 0.96 0.00	18.31 1.01 0.00	18.83 1.19 0.00	22.15 1.50 -1.64	28.41 1.79 -2.11	34.75 1.80 0.00	39.51 2.05 0.00	34.38 1.87 0.00	30.79 1.60 0.00	27.10 1.38 0.00	25.46 1.37 0.00	26.30 1.65 0.00	26.38 1.27 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.87 1.19 0.00	20.85 1.14 0.00	20.61 0.99 0.00	20.39 0.96 0.00	21.44 1.02 0.00	23.26 1.11 0.00	26.85 1.27 0.00	23.08 0.87 0.00	16.11 0.75 0.00	15.86 0.88 0.00	17.12 0.92 0.00	18.74 0.96 0.00	18.31 1.01 0.00	18.83 1.19 0.00	22.16 1.50 -1.64	28.41 1.79 -2.11	34.75 1.79 0.00	39.51 2.05 0.00	34.38 1.87 0.00	30.79 1.60 0.00	27.10 1.38 0.00	25.46 1.37 0.00	26.30 1.65 0.00	26.39 1.28 0.00
CALPINE_BP_GT1 23823	18.87 1.19 0.00	20.85 1.14 0.00	20.61 0.99 0.00	20.39 0.96 0.00	21.44 1.02 0.00	23.26 1.11 0.00	26.85 1.27 0.00	23.08 0.87 0.00	16.11 0.75 0.00	15.86 0.88 0.00	17.12 0.92 0.00	18.74 0.96 0.00	18.31 1.01 0.00	18.83 1.19 0.00	22.16 1.50 -1.64	28.41 1.79 -2.11	34.75 1.79 0.00	39.51 2.05 0.00	34.38 1.87 0.00	30.79 1.60 0.00	27.10 1.38 0.00	25.46 1.37 0.00	26.30 1.65 0.00	26.39 1.28 0.00
CALSPAN___DRP 24200	17.41 -0.27 0.00	19.57 -0.14 0.00	19.50 -0.12 0.00	19.30 -0.12 0.00	20.26 -0.16 0.00	22.00 -0.14 0.00	25.17 -0.42 0.00	21.67 -0.55 0.00	15.01 -0.35 0.00	14.73 -0.25 0.00	15.87 -0.34 0.00	17.57 -0.22 0.00	17.13 -0.17 0.00	17.21 -0.43 0.00	18.29 -0.73 0.00	23.61 -0.90 0.00	31.69 -1.27 0.00	35.68 -1.78 0.00	30.66 -1.86 0.00	27.61 -1.58 0.00	24.17 -1.55 0.00	22.56 -1.53 0.00	23.38 -1.27 0.00	24.15 -0.95 0.00

CALVERTON___SOLAR 323806	18.95 1.27 0.00	20.91 1.20 0.00	20.65 1.04 0.00	20.43 1.01 0.00	21.48 1.06 0.00	23.31 1.16 0.00	26.88 1.29 0.00	23.07 0.85 0.00	16.10 0.74 0.00	15.81 0.84 0.00	17.04 0.83 0.00	18.65 0.86 0.00	18.28 0.98 0.00	18.86 1.22 0.00	22.33 1.67 -1.64	28.69 2.08 -2.11	35.11 2.16 0.00	39.97 2.52 0.00	34.73 2.22 0.00	31.09 1.90 0.00	27.39 1.66 0.00	25.74 1.65 0.00	26.50 1.86 0.00	26.08 0.97 0.00
CANDIGU_WT_PWR 323617	17.14 -0.54 0.00	19.22 -0.49 0.00	19.18 -0.44 0.00	19.03 -0.39 0.00	20.12 -0.30 0.00	21.95 -0.20 0.00	25.28 -0.31 0.00	21.92 -0.30 0.00	15.03 -0.33 0.00	14.67 -0.30 0.00	15.81 -0.40 0.00	17.45 -0.33 0.00	16.98 -0.31 0.00	17.26 -0.39 0.00	18.42 -0.60 0.00	23.94 -0.56 0.00	32.32 -0.63 0.00	36.58 -0.88 0.00	31.51 -1.00 0.00	28.17 -1.02 0.00	24.54 -1.18 0.00	22.78 -1.32 0.00	23.24 -1.41 0.00	23.74 -1.37 0.00
CARR STREET_E_SYR 24060	17.44 -0.24 0.00	19.47 -0.24 0.00	19.38 -0.24 0.00	19.18 -0.24 0.00	20.18 -0.24 0.00	21.88 -0.27 0.00	25.25 -0.33 0.00	21.92 -0.30 0.00	15.13 -0.23 0.00	14.74 -0.24 0.00	15.93 -0.27 0.00	17.50 -0.28 0.00	17.02 -0.28 0.00	17.34 -0.30 0.00	18.67 -0.34 0.00	24.14 -0.38 0.00	32.50 -0.46 0.00	36.94 -0.52 0.00	32.03 -0.48 0.00	28.75 -0.45 0.00	25.29 -0.44 0.00	23.68 -0.41 0.00	24.24 -0.41 0.00	24.70 -0.41 0.00
CARTHAGE___PAPER 23857	17.73 0.05 0.00	21.96 0.18 -2.07	19.98 0.36 0.00	19.70 0.28 0.00	20.71 0.29 0.00	22.52 0.37 0.00	26.38 0.79 0.00	23.07 0.85 0.00	15.71 0.35 0.00	15.13 0.16 0.00	16.36 0.15 0.00	17.97 0.18 0.00	17.47 0.18 0.00	17.74 0.10 0.00	19.12 0.11 0.00	25.14 0.62 0.00	34.90 1.94 0.00	39.97 2.52 0.00	34.74 2.22 0.00	31.17 1.98 0.00	27.42 1.70 0.00	25.51 1.42 0.00	25.77 1.12 0.00	26.07 0.97 0.00
CASSADAGA_WT_PWR 323784	17.61 -0.07 0.00	19.65 -0.06 0.00	19.63 0.01 0.00	19.46 0.04 0.00	20.45 0.02 0.00	22.26 0.11 0.00	25.60 0.02 0.00	22.12 -0.09 0.00	15.36 0.00 0.00	15.14 0.16 0.00	16.29 0.08 0.00	18.03 0.24 0.00	17.57 0.27 0.00	17.68 0.04 0.00	18.80 -0.22 0.00	24.28 -0.23 0.00	32.68 -0.28 0.00	36.81 -0.65 0.00	31.53 -0.99 0.00	28.12 -1.07 0.00	24.16 -1.56 0.00	22.44 -1.66 0.00	23.09 -1.56 0.00	23.91 -1.19 0.00
CE_DUNWOOD___DRP 24194	18.50 0.82 0.00	20.50 0.79 0.00	20.35 0.73 0.00	20.13 0.70 0.00	21.18 0.75 0.00	22.97 0.82 0.00	26.58 1.00 0.00	23.05 0.83 0.00	16.03 0.67 0.00	15.70 0.73 0.00	16.99 0.78 0.00	18.60 0.81 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.06 1.04 0.00	25.74 1.23 0.00	34.42 1.46 0.00	39.15 1.70 0.00	34.08 1.57 0.00	30.56 1.37 0.00	26.89 1.16 0.00	25.22 1.13 0.00	25.82 1.17 0.00	26.08 0.97 0.00
CE_MILLWOOD___DRP 24193	18.46 0.78 0.00	20.46 0.75 0.00	20.31 0.70 0.00	20.09 0.67 0.00	21.14 0.72 0.00	22.93 0.79 0.00	26.55 0.96 0.00	23.02 0.80 0.00	16.01 0.65 0.00	15.67 0.70 0.00	16.95 0.75 0.00	18.56 0.77 0.00	18.08 0.79 0.00	18.55 0.91 0.00	20.02 1.00 0.00	25.69 1.18 0.00	34.36 1.40 0.00	39.09 1.63 0.00	34.02 1.50 0.00	30.50 1.31 0.00	26.83 1.11 0.00	25.17 1.08 0.00	25.77 1.12 0.00	26.03 0.93 0.00
CE_NYC2_DRP 24202	18.60 0.92 0.00	20.60 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.06 0.91 0.00	26.70 1.11 0.00	23.16 0.94 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.12 0.91 0.00	18.71 0.93 0.00	18.25 0.95 0.00	18.71 1.06 0.00	20.18 1.17 0.00	25.87 1.36 0.00	34.54 1.59 0.00	39.26 1.80 0.00	34.21 1.69 0.00	30.68 1.48 0.00	26.99 1.27 0.00	25.32 1.23 0.00	25.92 1.28 0.00	43.90 1.04 -17.76
CE_NYC_DRP 24195	18.61 0.93 0.00	20.62 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.72 1.13 0.00	23.17 0.95 0.00	16.13 0.78 0.00	15.82 0.84 0.00	17.12 0.92 0.00	18.75 0.96 0.00	18.27 0.97 0.00	18.74 1.09 0.00	20.22 1.20 0.00	25.91 1.40 0.00	34.62 1.66 0.00	39.36 1.89 0.00	34.27 1.76 0.00	30.74 1.55 0.00	27.04 1.32 0.00	25.36 1.27 0.00	25.98 1.33 0.00	43.96 1.09 -17.76
CHAFFEE___LFGE 323603	17.52 -0.17 0.00	19.68 -0.03 0.00	19.61 -0.01 0.00	19.41 -0.01 0.00	20.39 -0.03 0.00	22.17 0.02 0.00	25.35 -0.24 0.00	21.86 -0.35 0.00	15.12 -0.23 0.00	14.84 -0.14 0.00	15.97 -0.24 0.00	17.67 -0.12 0.00	17.22 -0.08 0.00	17.32 -0.33 0.00	18.41 -0.61 0.00	23.78 -0.73 0.00	31.95 -1.00 0.00	36.03 -1.43 0.00	30.99 -1.53 0.00	27.91 -1.28 0.00	24.43 -1.30 0.00	22.81 -1.28 0.00	23.60 -1.04 0.00	24.35 -0.75 0.00
CHATEAUG_35_KV_LOAD 355732	17.34 -0.33 0.01	8.42 -0.39 10.90	19.32 -0.30 0.00	19.22 -0.20 0.00	20.34 -0.08 0.00	22.22 0.08 0.00	25.73 0.14 0.00	22.56 0.34 0.00	15.61 0.25 0.00	15.18 0.21 0.00	16.43 0.22 0.00	18.11 0.33 0.00	17.68 0.38 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.80 0.29 0.00	33.55 0.59 0.00	37.91 0.45 0.00	32.88 0.36 0.00	29.65 0.46 0.00	26.31 0.58 0.00	24.51 0.41 0.00	25.07 0.42 0.00	25.63 0.52 0.00
CHATEAUG_WT_PWR 323614	17.27 -0.40 0.01	9.10 -0.48 10.13	19.23 -0.39 0.00	19.15 -0.27 0.00	20.28 -0.14 0.00	22.15 0.01 0.00	25.65 0.07 0.00	22.50 0.28 0.00	15.59 0.23 0.00	15.18 0.20 0.00	16.43 0.22 0.00	18.10 0.32 0.00	17.66 0.36 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.78 0.27 0.00	33.46 0.50 0.00	37.73 0.27 0.00	32.75 0.24 0.00	29.52 0.33 0.00	26.18 0.46 0.00	24.42 0.33 0.00	24.99 0.34 0.00	25.54 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	17.34 -0.33 0.01	8.42 -0.39 10.90	19.32 -0.30 0.00	19.22 -0.20 0.00	20.34 -0.08 0.00	22.22 0.08 0.00	25.73 0.14 0.00	22.56 0.34 0.00	15.61 0.25 0.00	15.18 0.21 0.00	16.43 0.22 0.00	18.11 0.33 0.00	17.68 0.38 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.80 0.29 0.00	33.55 0.59 0.00	37.91 0.45 0.00	32.88 0.36 0.00	29.65 0.46 0.00	26.31 0.58 0.00	24.51 0.41 0.00	25.07 0.42 0.00	25.63 0.52 0.00
CHAUTAUQUA___LFGE 323629	17.50 -0.19 0.00	19.58 -0.12 0.00	19.54 -0.08 0.00	19.35 -0.07 0.00	20.33 -0.10 0.00	22.10 -0.04 0.00	25.32 -0.27 0.00	21.85 -0.37 0.00	15.13 -0.22 0.00	14.87 -0.11 0.00	16.01 -0.20 0.00	17.72 -0.06 0.00	17.28 -0.01 0.00	17.36 -0.28 0.00	18.45 -0.56 0.00	23.84 -0.66 0.00	32.13 -0.83 0.00	36.19 -1.27 0.00	31.06 -1.45 0.00	27.88 -1.31 0.00	24.17 -1.56 0.00	22.49 -1.60 0.00	23.23 -1.42 0.00	24.01 -1.09 0.00
CHERRYST_13_KV_LD 356241	18.65 0.97 0.00	20.66 0.96 0.00	20.51 0.89 0.00	20.28 0.86 0.00	21.34 0.91 0.00	23.13 0.98 0.00	26.78 1.20 0.00	23.24 1.02 0.00	16.18 0.82 0.00	15.87 0.89 0.00	17.17 0.97 0.00	18.80 1.01 0.00	18.32 1.02 0.00	18.79 1.15 0.00	20.28 1.26 0.00	25.98 1.47 0.00	34.72 1.76 0.00	39.46 2.00 0.00	34.36 1.85 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.43 1.33 0.00	26.04 1.40 0.00	44.03 1.16 -17.76

CHESTROR_138KV_BK263 355645	18.34 0.66 0.00	20.33 0.63 0.00	20.20 0.59 0.00	19.98 0.56 0.00	21.04 0.62 0.00	22.83 0.68 0.00	26.42 0.84 0.00	22.91 0.69 0.00	15.90 0.54 0.00	15.54 0.56 0.00	16.81 0.60 0.00	18.40 0.61 0.00	17.92 0.62 0.00	18.37 0.72 0.00	19.83 0.81 0.00	25.47 0.97 0.00	34.14 1.18 0.00	38.84 1.38 0.00	33.80 1.28 0.00	30.30 1.11 0.00	26.66 0.94 0.00	25.01 0.91 0.00	25.60 0.95 0.00	25.90 0.79 0.00
CH_MIDHUDSON___DRP 24192	18.43 0.75 0.00	20.45 0.74 0.00	20.32 0.70 0.00	20.10 0.68 0.00	21.14 0.72 0.00	22.91 0.77 0.00	26.52 0.94 0.00	23.00 0.78 0.00	15.98 0.62 0.00	15.64 0.66 0.00	16.92 0.72 0.00	18.53 0.74 0.00	18.04 0.74 0.00	18.48 0.84 0.00	19.96 0.94 0.00	25.64 1.12 0.00	34.34 1.39 0.00	39.09 1.63 0.00	34.02 1.50 0.00	30.50 1.31 0.00	26.83 1.11 0.00	25.17 1.07 0.00	25.75 1.10 0.00	26.03 0.93 0.00
CH_MISC_IPPS 23765	18.54 0.85 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00
CH_RES_BVR_FALLS 23983	17.43 -0.25 0.00	19.11 -0.24 0.36	19.46 -0.16 0.00	19.26 -0.15 0.00	20.25 -0.17 0.00	21.98 -0.16 0.00	25.45 -0.13 0.00	22.15 -0.07 0.00	15.30 -0.06 0.00	14.97 0.00 0.00	16.22 0.01 0.00	17.83 0.04 0.00	17.35 0.05 0.00	17.67 0.03 0.00	19.02 0.00 0.00	24.48 -0.03 0.00	32.95 -0.01 0.00	37.40 -0.06 0.00	32.45 -0.07 0.00	29.16 -0.03 0.00	25.74 0.01 0.00	24.06 -0.03 0.00	24.51 -0.13 0.00	24.96 -0.15 0.00
CH_RES_NIAGARA 23895	16.93 -0.75 0.00	19.07 -0.64 0.00	19.01 -0.61 0.00	18.81 -0.62 0.00	19.70 -0.72 0.00	21.36 -0.78 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.28 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.68 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.53 -2.42 0.00	34.27 -3.19 0.00	29.44 -3.08 0.00	26.59 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.25 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
CH_RES_SYRACUSE 23985	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	22.00 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.19 0.00	17.58 -0.20 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.22 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
CLINTON_WT_PWR 323605	17.27 -0.40 0.01	9.10 -0.48 10.13	19.23 -0.39 0.00	19.15 -0.27 0.00	20.28 -0.14 0.00	22.15 0.01 0.00	25.65 0.07 0.00	22.50 0.28 0.00	15.59 0.23 0.00	15.18 0.20 0.00	16.43 0.22 0.00	18.10 0.32 0.00	17.66 0.36 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.78 0.27 0.00	33.46 0.50 0.00	37.73 0.27 0.00	32.75 0.24 0.00	29.52 0.33 0.00	26.18 0.46 0.00	24.42 0.33 0.00	24.99 0.34 0.00	25.54 0.44 0.00
CLINTON___LFGE 323618	17.52 -0.15 0.01	9.20 -0.18 10.33	19.53 -0.09 0.00	19.43 0.01 0.00	20.57 0.15 0.00	22.48 0.34 0.00	26.05 0.47 0.00	22.86 0.64 0.00	15.80 0.44 0.00	15.37 0.39 0.00	16.62 0.41 0.00	18.31 0.53 0.00	17.86 0.56 0.00	18.15 0.51 0.00	19.45 0.43 0.00	25.07 0.56 0.00	33.85 0.90 0.00	38.19 0.73 0.00	33.19 0.67 0.00	29.87 0.68 0.00	26.55 0.83 0.00	24.75 0.65 0.00	25.32 0.67 0.00	25.89 0.78 0.00
COBBLENY_34_KV_TB1 80064	17.51 -0.17 0.00	19.68 -0.03 0.00	19.61 -0.01 0.00	19.41 -0.01 0.00	20.39 -0.03 0.00	22.16 0.01 0.00	25.35 -0.24 0.00	21.86 -0.36 0.00	15.13 -0.23 0.00	14.84 -0.14 0.00	15.97 -0.24 0.00	17.67 -0.11 0.00	17.22 -0.08 0.00	17.32 -0.33 0.00	18.41 -0.61 0.00	23.78 -0.73 0.00	31.95 -1.01 0.00	36.02 -1.44 0.00	30.98 -1.54 0.00	27.91 -1.28 0.00	24.43 -1.29 0.00	22.81 -1.29 0.00	23.60 -1.04 0.00	24.35 -0.75 0.00
COFFEEN___115KV_TB3 355620	17.72 0.04 0.00	21.62 0.19 -1.72	19.97 0.35 0.00	19.68 0.25 0.00	20.68 0.26 0.00	22.48 0.34 0.00	26.30 0.72 0.00	22.98 0.76 0.00	15.63 0.28 0.00	15.04 0.06 0.00	16.26 0.05 0.00	17.85 0.07 0.00	17.35 0.05 0.00	17.61 -0.03 0.00	18.98 -0.03 0.00	24.99 0.48 0.00	34.76 1.81 0.00	39.88 2.42 0.00	34.65 2.13 0.00	31.09 1.90 0.00	27.33 1.61 0.00	25.44 1.34 0.00	25.68 1.03 0.00	25.95 0.85 0.00
COLDSPRG_115KV_BK1 355956	17.92 0.24 0.00	20.05 0.34 0.00	20.00 0.38 0.00	19.81 0.39 0.00	20.86 0.44 0.00	22.67 0.53 0.00	26.01 0.43 0.00	22.46 0.24 0.00	15.56 0.21 0.00	15.34 0.36 0.00	16.52 0.31 0.00	18.25 0.47 0.00	17.78 0.48 0.00	17.97 0.32 0.00	19.13 0.11 0.00	24.67 0.16 0.00	33.04 0.09 0.00	37.28 -0.18 0.00	32.05 -0.47 0.00	28.70 -0.49 0.00	24.95 -0.77 0.00	23.29 -0.80 0.00	23.97 -0.68 0.00	24.73 -0.38 0.00
COLONIE_LFGE___ 323577	18.24 0.56 0.00	20.33 0.62 0.00	20.23 0.62 0.00	20.03 0.61 0.00	21.02 0.59 0.00	22.79 0.64 0.00	26.36 0.78 0.00	22.90 0.68 0.00	15.79 0.43 0.00	15.33 0.35 0.00	16.55 0.34 0.00	18.11 0.33 0.00	17.59 0.30 0.00	18.00 0.36 0.00	19.59 0.57 0.00	25.28 0.77 0.00	34.02 1.07 0.00	38.79 1.33 0.00	33.73 1.22 0.00	30.26 1.07 0.00	26.64 0.92 0.00	24.97 0.88 0.00	25.51 0.87 0.00	25.98 0.88 0.00
COOPERNY_115KV_TB1 80082	18.16 0.49 0.00	20.18 0.47 0.00	20.06 0.44 0.00	19.85 0.42 0.00	20.89 0.46 0.00	22.65 0.51 0.00	26.21 0.62 0.00	22.73 0.51 0.00	15.76 0.40 0.00	15.40 0.42 0.00	16.66 0.45 0.00	18.25 0.46 0.00	17.76 0.46 0.00	18.18 0.54 0.00	19.61 0.59 0.00	25.23 0.72 0.00	33.82 0.86 0.00	38.46 1.00 0.00	33.45 0.93 0.00	30.00 0.81 0.00	26.41 0.68 0.00	24.76 0.67 0.00	25.34 0.69 0.00	25.68 0.57 0.00
COPENHAGEN_WT_PWR 323753	17.42 -0.27 0.00	21.24 -0.10 -1.63	19.70 0.08 0.00	19.38 -0.04 0.00	20.35 -0.07 0.00	22.12 -0.03 0.00	25.88 0.30 0.00	22.63 0.41 0.00	15.46 0.10 0.00	14.93 -0.04 0.00	16.19 -0.02 0.00	17.78 0.00 0.00	17.29 -0.01 0.00	17.56 -0.09 0.00	18.93 -0.09 0.00	24.83 0.32 0.00	34.36 1.41 0.00	39.32 1.86 0.00	34.18 1.66 0.00	30.66 1.47 0.00	26.97 1.25 0.00	25.11 1.01 0.00	25.31 0.66 0.00	25.57 0.46 0.00
CORNELL_____ 23752	17.83 0.15 0.00	19.90 0.19 0.00	19.80 0.18 0.00	19.61 0.18 0.00	20.67 0.25 0.00	22.42 0.28 0.00	25.94 0.35 0.00	22.53 0.30 0.00	15.48 0.12 0.00	15.03 0.05 0.00	16.20 0.00 0.00	17.78 -0.01 0.00	17.27 -0.03 0.00	17.61 -0.03 0.00	18.98 -0.04 0.00	24.68 0.16 0.00	33.41 0.45 0.00	38.06 0.60 0.00	33.00 0.48 0.00	29.58 0.39 0.00	26.02 0.30 0.00	24.35 0.25 0.00	24.88 0.23 0.00	25.34 0.24 0.00

CORONA__69_KV_TB1 355595	18.81 1.13 0.00	20.80 1.09 0.00	20.57 0.95 0.00	20.34 0.92 0.00	21.39 0.97 0.00	23.22 1.07 0.00	26.82 1.24 0.00	23.09 0.87 0.00	16.11 0.75 0.00	15.87 0.89 0.00	17.15 0.95 0.00	18.78 0.99 0.00	18.33 1.04 0.00	18.86 1.21 0.00	22.14 1.48 -1.64	28.39 1.77 -2.11	34.89 1.94 0.00	39.64 2.18 0.00	34.48 1.96 0.00	30.89 1.70 0.00	27.18 1.46 0.00	25.51 1.42 0.00	26.23 1.58 0.00	26.35 1.25 0.00
CORTLAND__115KV_TB3 80093	17.73 0.05 0.00	19.79 0.08 0.00	19.70 0.08 0.00	19.50 0.08 0.00	20.55 0.13 0.00	22.30 0.15 0.00	25.77 0.19 0.00	22.37 0.15 0.00	15.40 0.05 0.00	14.98 0.01 0.00	16.18 -0.03 0.00	17.76 -0.03 0.00	17.26 -0.04 0.00	17.61 -0.04 0.00	18.96 -0.06 0.00	24.57 0.06 0.00	33.17 0.21 0.00	37.76 0.30 0.00	32.74 0.22 0.00	29.36 0.17 0.00	25.83 0.11 0.00	24.18 0.09 0.00	24.70 0.06 0.00	25.17 0.06 0.00
COXSACKIE__GT 23611	18.48 0.80 0.00	20.61 0.90 0.00	20.53 0.91 0.00	20.34 0.92 0.00	21.34 0.92 0.00	23.16 1.01 0.00	26.83 1.25 0.00	23.37 1.15 0.00	15.97 0.61 0.00	15.35 0.38 0.00	16.54 0.33 0.00	18.08 0.29 0.00	17.54 0.25 0.00	17.94 0.30 0.00	19.59 0.57 0.00	25.55 1.04 0.00	34.81 1.85 0.00	39.93 2.47 0.00	34.69 2.18 0.00	31.03 1.84 0.00	27.25 1.52 0.00	25.51 1.42 0.00	25.98 1.33 0.00	26.58 1.48 0.00
CPV_VALLEY__CC1 323721	18.25 0.56 0.00	20.23 0.52 0.00	20.11 0.49 0.00	19.89 0.47 0.00	20.94 0.51 0.00	22.71 0.57 0.00	26.28 0.70 0.00	22.79 0.57 0.00	15.82 0.46 0.00	15.47 0.49 0.00	16.73 0.52 0.00	18.32 0.54 0.00	17.84 0.54 0.00	18.28 0.64 0.00	19.72 0.71 0.00	25.34 0.83 0.00	33.94 0.99 0.00	38.61 1.15 0.00	33.60 1.08 0.00	30.12 0.93 0.00	26.50 0.78 0.00	24.87 0.77 0.00	25.45 0.80 0.00	25.76 0.65 0.00
CPV_VALLEY__CC2 323722	18.25 0.56 0.00	20.23 0.52 0.00	20.11 0.49 0.00	19.89 0.47 0.00	20.94 0.51 0.00	22.71 0.57 0.00	26.28 0.70 0.00	22.79 0.57 0.00	15.82 0.46 0.00	15.47 0.49 0.00	16.73 0.52 0.00	18.32 0.54 0.00	17.84 0.54 0.00	18.28 0.64 0.00	19.72 0.71 0.00	25.34 0.83 0.00	33.94 0.99 0.00	38.61 1.15 0.00	33.60 1.08 0.00	30.12 0.93 0.00	26.50 0.78 0.00	24.87 0.77 0.00	25.45 0.80 0.00	25.76 0.65 0.00
CRESCENT__HYD 24018	18.24 0.56 0.00	20.33 0.62 0.00	20.23 0.62 0.00	20.03 0.61 0.00	21.02 0.59 0.00	22.79 0.64 0.00	26.36 0.78 0.00	22.90 0.68 0.00	15.79 0.43 0.00	15.33 0.35 0.00	16.55 0.34 0.00	18.11 0.33 0.00	17.59 0.30 0.00	18.00 0.36 0.00	19.59 0.57 0.00	25.28 0.77 0.00	34.02 1.07 0.00	38.79 1.33 0.00	33.73 1.22 0.00	30.26 1.07 0.00	26.64 0.92 0.00	24.97 0.88 0.00	25.51 0.87 0.00	25.98 0.88 0.00
CRICKET__VALLEY_CC1 323756	18.27 0.59 0.00	20.28 0.57 0.00	20.14 0.53 0.00	19.94 0.52 0.00	20.96 0.53 0.00	22.70 0.55 0.00	26.27 0.68 0.00	22.78 0.56 0.00	15.85 0.49 0.00	15.54 0.56 0.00	16.82 0.61 0.00	18.41 0.62 0.00	17.93 0.63 0.00	18.37 0.73 0.00	19.80 0.78 0.00	25.39 0.88 0.00	33.98 1.03 0.00	38.66 1.20 0.00	33.66 1.14 0.00	30.18 0.99 0.00	26.55 0.83 0.00	24.91 0.81 0.00	25.50 0.85 0.00	25.78 0.67 0.00
CRICKET__VALLEY_CC2 323757	18.27 0.59 0.00	20.28 0.57 0.00	20.14 0.53 0.00	19.94 0.52 0.00	20.96 0.53 0.00	22.70 0.55 0.00	26.27 0.68 0.00	22.78 0.56 0.00	15.85 0.49 0.00	15.54 0.56 0.00	16.82 0.61 0.00	18.41 0.62 0.00	17.93 0.63 0.00	18.37 0.73 0.00	19.80 0.78 0.00	25.39 0.88 0.00	33.98 1.03 0.00	38.66 1.20 0.00	33.66 1.14 0.00	30.18 0.99 0.00	26.55 0.83 0.00	24.91 0.81 0.00	25.50 0.85 0.00	25.78 0.67 0.00
CRICKET__VALLEY_CC3 323758	18.27 0.59 0.00	20.28 0.57 0.00	20.14 0.53 0.00	19.94 0.52 0.00	20.96 0.53 0.00	22.70 0.55 0.00	26.27 0.68 0.00	22.78 0.56 0.00	15.85 0.49 0.00	15.54 0.56 0.00	16.82 0.61 0.00	18.41 0.62 0.00	17.93 0.63 0.00	18.37 0.73 0.00	19.80 0.78 0.00	25.39 0.88 0.00	33.98 1.03 0.00	38.66 1.20 0.00	33.66 1.14 0.00	30.18 0.99 0.00	26.55 0.83 0.00	24.91 0.81 0.00	25.50 0.85 0.00	25.78 0.67 0.00
CRUCIBLE_METL_DRP 24180	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
DAHOWA__HYDRO 323763	18.63 0.95 0.00	20.77 1.06 0.00	20.67 1.05 0.00	20.46 1.04 0.00	21.48 1.06 0.00	23.31 1.16 0.00	27.01 1.42 0.00	23.47 1.25 0.00	16.11 0.75 0.00	15.55 0.57 0.00	16.79 0.58 0.00	18.37 0.59 0.00	17.81 0.52 0.00	18.24 0.59 0.00	19.94 0.92 0.00	25.84 1.33 0.00	34.96 2.01 0.00	39.89 2.43 0.00	34.68 2.17 0.00	31.11 1.92 0.00	27.33 1.61 0.00	25.59 1.50 0.00	26.13 1.48 0.00	26.56 1.46 0.00
DANC__LFGE 323619	17.40 -0.29 0.00	20.63 -0.19 -1.12	19.53 -0.09 0.00	19.26 -0.16 0.00	20.23 -0.20 0.00	21.96 -0.18 0.00	25.56 -0.03 0.00	22.28 0.07 0.00	15.29 -0.07 0.00	14.81 -0.17 0.00	16.04 -0.17 0.00	17.61 -0.17 0.00	17.12 -0.18 0.00	17.41 -0.23 0.00	18.76 -0.26 0.00	24.49 -0.02 0.00	33.55 0.60 0.00	38.30 0.84 0.00	33.27 0.75 0.00	29.85 0.66 0.00	26.28 0.56 0.00	24.51 0.42 0.00	24.87 0.21 0.00	25.19 0.08 0.00
DANSKAMMER__1 23586	18.54 0.85 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00
DANSKAMMER__2 23589	18.54 0.85 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00
DANSKAMMER__3 23590	18.54 0.85 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00

DANSKAMMER___4 23591	18.54 0.85 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00
DANSKAMMER___DIESEL 23592	18.54 0.86 0.00	20.55 0.84 0.00	20.41 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.69 1.10 0.00	23.14 0.92 0.00	16.07 0.71 0.00	15.72 0.74 0.00	17.00 0.80 0.00	18.61 0.83 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.07 1.05 0.00	25.80 1.29 0.00	34.57 1.62 0.00	39.34 1.89 0.00	34.24 1.73 0.00	30.69 1.50 0.00	27.00 1.27 0.00	25.32 1.22 0.00	25.90 1.25 0.00	26.19 1.08 0.00
DARBY___SOLAR 323810	18.55 0.86 0.00	20.68 0.97 0.00	20.58 0.96 0.00	20.36 0.94 0.00	21.38 0.96 0.00	23.20 1.06 0.00	26.86 1.28 0.00	23.34 1.12 0.00	16.02 0.66 0.00	15.47 0.50 0.00	16.71 0.50 0.00	18.29 0.50 0.00	17.74 0.44 0.00	18.17 0.52 0.00	19.84 0.82 0.00	25.71 1.20 0.00	34.77 1.81 0.00	39.64 2.18 0.00	34.47 1.95 0.00	30.92 1.73 0.00	27.17 1.45 0.00	25.45 1.36 0.00	25.99 1.34 0.00	26.43 1.32 0.00
DASHVILLE___HYD 23610	18.22 0.54 0.00	20.23 0.52 0.00	20.09 0.47 0.00	19.88 0.46 0.00	20.91 0.49 0.00	22.65 0.50 0.00	26.21 0.62 0.00	22.72 0.50 0.00	15.81 0.45 0.00	15.48 0.50 0.00	16.77 0.56 0.00	18.37 0.58 0.00	17.87 0.57 0.00	18.30 0.66 0.00	19.72 0.70 0.00	25.30 0.79 0.00	33.88 0.93 0.00	38.55 1.09 0.00	33.57 1.05 0.00	30.11 0.91 0.00	26.50 0.77 0.00	24.86 0.76 0.00	25.42 0.77 0.00	25.68 0.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.82 1.14 0.00	20.75 1.04 0.00	20.50 0.88 0.00	20.28 0.86 0.00	21.32 0.90 0.00	23.15 1.01 0.00	26.71 1.12 0.00	22.95 0.73 0.00	16.00 0.65 0.00	15.73 0.75 0.00	16.96 0.75 0.00	18.60 0.81 0.00	18.32 1.02 0.00	18.96 1.31 0.00	22.54 1.88 -1.64	28.99 2.37 -2.11	35.44 2.48 0.00	40.26 2.80 0.00	34.90 2.38 0.00	31.20 2.01 0.00	27.50 1.77 0.00	25.92 1.82 0.00	26.67 2.03 0.00	26.23 1.13 0.00
DELAWARE___LFGE 323621	18.07 0.38 0.00	20.13 0.42 0.00	20.03 0.41 0.00	19.84 0.42 0.00	20.89 0.47 0.00	22.62 0.48 0.00	26.16 0.57 0.00	22.71 0.49 0.00	15.72 0.36 0.00	15.36 0.38 0.00	16.66 0.45 0.00	18.27 0.49 0.00	17.74 0.45 0.00	18.12 0.47 0.00	19.50 0.48 0.00	25.18 0.67 0.00	33.81 0.85 0.00	38.44 0.98 0.00	33.41 0.89 0.00	29.96 0.77 0.00	26.38 0.66 0.00	24.72 0.63 0.00	25.28 0.63 0.00	25.67 0.57 0.00
DERFIELD_115KV_TB7 355931	17.71 0.03 0.00	19.74 0.03 0.00	19.66 0.04 0.00	19.46 0.04 0.00	20.46 0.04 0.00	22.17 0.02 0.00	25.63 0.04 0.00	22.25 0.03 0.00	15.37 0.01 0.00	14.99 0.01 0.00	16.22 0.01 0.00	17.79 0.00 0.00	17.30 0.00 0.00	17.65 0.01 0.00	19.05 0.03 0.00	24.56 0.05 0.00	33.04 0.08 0.00	37.58 0.12 0.00	32.64 0.13 0.00	29.29 0.10 0.00	25.80 0.08 0.00	24.17 0.08 0.00	24.71 0.06 0.00	25.15 0.05 0.00
DOGLEVILLE___HYD 23807	17.60 -0.08 0.00	19.60 -0.11 0.00	19.52 -0.10 0.00	19.38 -0.04 0.00	20.36 -0.06 0.00	22.08 -0.06 0.00	25.57 -0.01 0.00	22.21 -0.01 0.00	15.15 -0.21 0.00	14.63 -0.35 0.00	15.79 -0.42 0.00	17.23 -0.56 0.00	16.69 -0.61 0.00	17.09 -0.55 0.00	18.62 -0.40 0.00	24.44 -0.07 0.00	33.15 0.19 0.00	37.99 0.53 0.00	33.06 0.54 0.00	29.65 0.46 0.00	26.10 0.37 0.00	24.54 0.44 0.00	25.05 0.40 0.00	25.49 0.38 0.00
DUNKIRK___115KV_TB_200 55889	17.48 -0.20 0.00	19.57 -0.13 0.00	19.53 -0.09 0.00	19.34 -0.09 0.00	20.31 -0.11 0.00	22.07 -0.07 0.00	25.28 -0.31 0.00	21.80 -0.42 0.00	15.11 -0.25 0.00	14.84 -0.14 0.00	15.98 -0.23 0.00	17.69 -0.10 0.00	17.25 -0.05 0.00	17.33 -0.32 0.00	18.41 -0.61 0.00	23.80 -0.71 0.00	32.04 -0.91 0.00	36.09 -1.37 0.00	30.99 -1.53 0.00	27.83 -1.36 0.00	24.16 -1.56 0.00	22.50 -1.60 0.00	23.25 -1.40 0.00	24.03 -1.08 0.00
DUNKIRK___1 23563	17.48 -0.20 0.00	19.57 -0.13 0.00	19.53 -0.09 0.00	19.34 -0.09 0.00	20.31 -0.11 0.00	22.07 -0.07 0.00	25.28 -0.31 0.00	21.80 -0.42 0.00	15.11 -0.25 0.00	14.84 -0.14 0.00	15.98 -0.23 0.00	17.69 -0.10 0.00	17.25 -0.05 0.00	17.33 -0.32 0.00	18.41 -0.61 0.00	23.80 -0.71 0.00	32.04 -0.91 0.00	36.09 -1.37 0.00	30.99 -1.53 0.00	27.83 -1.36 0.00	24.16 -1.56 0.00	22.50 -1.60 0.00	23.25 -1.40 0.00	24.03 -1.08 0.00
DUNKIRK___2 23564	17.48 -0.20 0.00	19.57 -0.13 0.00	19.53 -0.09 0.00	19.34 -0.09 0.00	20.31 -0.11 0.00	22.07 -0.07 0.00	25.28 -0.31 0.00	21.80 -0.42 0.00	15.11 -0.25 0.00	14.84 -0.14 0.00	15.98 -0.23 0.00	17.69 -0.10 0.00	17.25 -0.05 0.00	17.33 -0.32 0.00	18.41 -0.61 0.00	23.80 -0.71 0.00	32.04 -0.91 0.00	36.09 -1.37 0.00	30.99 -1.53 0.00	27.83 -1.36 0.00	24.16 -1.56 0.00	22.50 -1.60 0.00	23.25 -1.40 0.00	24.03 -1.08 0.00
DUNKIRK___3 23565	17.46 -0.23 0.00	19.57 -0.14 0.00	19.51 -0.10 0.00	19.32 -0.10 0.00	20.29 -0.13 0.00	22.04 -0.11 0.00	25.23 -0.35 0.00	21.75 -0.47 0.00	15.07 -0.28 0.00	14.81 -0.17 0.00	15.95 -0.26 0.00	17.66 -0.13 0.00	17.22 -0.08 0.00	17.30 -0.34 0.00	18.39 -0.63 0.00	23.75 -0.76 0.00	31.94 -1.02 0.00	35.95 -1.50 0.00	30.89 -1.63 0.00	27.75 -1.45 0.00	24.14 -1.58 0.00	22.50 -1.59 0.00	23.26 -1.39 0.00	24.04 -1.06 0.00
DUNKIRK___4 23566	17.46 -0.23 0.00	19.57 -0.14 0.00	19.51 -0.10 0.00	19.32 -0.10 0.00	20.29 -0.13 0.00	22.04 -0.11 0.00	25.23 -0.35 0.00	21.76 -0.46 0.00	15.07 -0.28 0.00	14.81 -0.17 0.00	15.95 -0.26 0.00	17.66 -0.13 0.00	17.22 -0.08 0.00	17.30 -0.34 0.00	18.39 -0.63 0.00	23.75 -0.76 0.00	31.94 -1.02 0.00	35.95 -1.50 0.00	30.89 -1.63 0.00	27.75 -1.45 0.00	24.14 -1.58 0.00	22.50 -1.59 0.00	23.26 -1.39 0.00	24.04 -1.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.53 0.85 0.00	20.53 0.82 0.00	20.37 0.76 0.00	20.15 0.73 0.00	21.20 0.78 0.00	22.99 0.85 0.00	26.61 1.02 0.00	23.07 0.85 0.00	16.05 0.69 0.00	15.73 0.75 0.00	17.02 0.81 0.00	18.64 0.86 0.00	18.16 0.87 0.00	18.63 0.99 0.00	20.11 1.10 0.00	25.79 1.28 0.00	34.49 1.53 0.00	39.24 1.79 0.00	34.16 1.64 0.00	30.63 1.44 0.00	26.95 1.22 0.00	25.28 1.19 0.00	25.89 1.24 0.00	26.13 1.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.43 0.75 0.00	20.43 0.72 0.00	20.29 0.68 0.00	20.08 0.65 0.00	21.13 0.70 0.00	22.92 0.78 0.00	26.54 0.96 0.00	23.01 0.80 0.00	15.98 0.62 0.00	15.62 0.64 0.00	16.89 0.69 0.00	18.49 0.71 0.00	18.01 0.71 0.00	18.46 0.82 0.00	19.93 0.91 0.00	25.62 1.11 0.00	34.33 1.38 0.00	39.07 1.61 0.00	33.99 1.47 0.00	30.48 1.29 0.00	26.82 1.09 0.00	25.15 1.06 0.00	25.74 1.09 0.00	26.02 0.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.56 0.88 0.00	20.57 0.86 0.00	20.42 0.80 0.00	20.18 0.76 0.00	21.24 0.82 0.00	23.02 0.88 0.00	26.70 1.12 0.00	23.15 0.93 0.00	16.11 0.76 0.00	15.78 0.80 0.00	17.08 0.88 0.00	18.65 0.86 0.00	18.18 0.88 0.00	18.65 1.00 0.00	20.13 1.11 0.00	25.83 1.32 0.00	34.51 1.56 0.00	39.20 1.74 0.00	34.15 1.63 0.00	30.62 1.42 0.00	26.93 1.21 0.00	25.26 1.16 0.00	25.87 1.23 0.00	43.87 1.00 -17.76
E179THST_13_KV_LOAD 356214	18.64 0.96 0.00	20.64 0.94 0.00	20.49 0.87 0.00	20.25 0.83 0.00	21.31 0.89 0.00	23.10 0.96 0.00	26.80 1.21 0.00	23.24 1.02 0.00	16.17 0.81 0.00	15.84 0.86 0.00	17.15 0.95 0.00	18.73 0.95 0.00	18.26 0.97 0.00	18.73 1.08 0.00	20.22 1.20 0.00	25.95 1.44 0.00	34.67 1.72 0.00	39.38 1.92 0.00	34.31 1.79 0.00	30.75 1.56 0.00	27.05 1.32 0.00	25.37 1.27 0.00	25.98 1.33 0.00	43.98 1.11 -17.76
EAST HAMPTON___GT 23717	18.48 0.80 0.00	20.36 0.65 0.00	20.11 0.49 0.00	19.89 0.47 0.00	20.92 0.49 0.00	22.72 0.57 0.00	26.24 0.65 0.00	22.55 0.33 0.00	15.73 0.37 0.00	15.46 0.49 0.00	16.67 0.47 0.00	18.35 0.57 0.00	18.20 0.90 0.00	18.90 1.26 0.00	22.63 1.98 -1.64	29.12 2.50 -2.11	35.48 2.52 0.00	40.18 2.72 0.00	34.73 2.21 0.00	31.00 1.81 0.00	27.36 1.64 0.00	25.91 1.82 0.00	26.66 2.02 0.00	26.31 1.20 0.00
EAST RIVER___6 23660	18.62 0.94 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.24 0.82 0.00	21.30 0.87 0.00	23.08 0.94 0.00	26.74 1.15 0.00	23.19 0.97 0.00	16.15 0.80 0.00	15.84 0.86 0.00	17.15 0.94 0.00	18.77 0.99 0.00	18.30 1.00 0.00	18.77 1.13 0.00	20.26 1.24 0.00	25.95 1.45 0.00	34.68 1.73 0.00	39.42 1.97 0.00	34.33 1.81 0.00	30.79 1.60 0.00	27.09 1.37 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.16 -17.76
EAST RIVER___7 23524	18.62 0.94 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.24 0.82 0.00	21.30 0.87 0.00	23.08 0.94 0.00	26.74 1.15 0.00	23.19 0.97 0.00	16.15 0.80 0.00	15.84 0.86 0.00	17.15 0.94 0.00	18.77 0.99 0.00	18.30 1.00 0.00	18.77 1.13 0.00	20.26 1.24 0.00	25.95 1.45 0.00	34.68 1.73 0.00	39.42 1.97 0.00	34.33 1.81 0.00	30.79 1.60 0.00	27.09 1.37 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.16 -17.76
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.50 0.82 0.00	20.50 0.79 0.00	20.35 0.73 0.00	20.13 0.70 0.00	21.18 0.75 0.00	22.97 0.82 0.00	26.58 1.00 0.00	23.05 0.83 0.00	16.03 0.67 0.00	15.70 0.73 0.00	16.99 0.78 0.00	18.60 0.81 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.06 1.04 0.00	25.74 1.23 0.00	34.42 1.46 0.00	39.15 1.70 0.00	34.08 1.57 0.00	30.56 1.37 0.00	26.89 1.16 0.00	25.22 1.13 0.00	25.82 1.17 0.00	26.08 0.97 0.00
EAST_HAMPTON___DIESEL 23722	18.42 0.74 0.00	20.29 0.58 0.00	20.04 0.42 0.00	19.82 0.40 0.00	20.85 0.42 0.00	22.64 0.50 0.00	26.15 0.57 0.00	22.48 0.26 0.00	15.68 0.32 0.00	15.42 0.44 0.00	16.62 0.42 0.00	18.30 0.52 0.00	18.17 0.87 0.00	18.88 1.24 0.00	22.62 1.96 -1.64	29.11 2.49 -2.11	35.44 2.49 0.00	40.12 2.66 0.00	34.67 2.15 0.00	30.94 1.75 0.00	27.31 1.58 0.00	25.88 1.78 0.00	26.63 1.98 0.00	26.29 1.19 0.00
EAST_POINT___SOLAR 323840	18.79 1.11 0.00	20.99 1.28 0.00	20.91 1.30 0.00	20.71 1.29 0.00	21.82 1.40 0.00	23.70 1.55 0.00	27.41 1.83 0.00	23.58 1.36 0.00	15.70 0.35 0.00	15.04 0.06 0.00	16.34 0.14 0.00	18.01 0.23 0.00	17.46 0.17 0.00	17.72 0.07 0.00	19.14 0.12 0.00	25.56 1.06 0.00	35.39 2.43 0.00	40.43 2.97 0.00	35.07 2.55 0.00	31.42 2.23 0.00	27.66 1.94 0.00	25.88 1.79 0.00	26.44 1.80 0.00	26.83 1.72 0.00
EAST_PULASKI___ESR 323781	17.39 -0.29 0.00	20.05 -0.26 -0.60	19.39 -0.23 0.00	19.16 -0.26 0.00	20.13 -0.30 0.00	21.84 -0.31 0.00	25.27 -0.31 0.00	21.99 -0.23 0.00	15.15 -0.21 0.00	14.70 -0.28 0.00	15.91 -0.29 0.00	17.47 -0.32 0.00	16.98 -0.32 0.00	17.29 -0.36 0.00	18.62 -0.40 0.00	24.17 -0.34 0.00	32.80 -0.16 0.00	37.36 -0.10 0.00	32.43 -0.09 0.00	29.10 -0.09 0.00	25.63 -0.10 0.00	23.97 -0.12 0.00	24.45 -0.20 0.00	24.85 -0.26 0.00
EAST_RIVER___1 323558	18.61 0.92 0.00	20.62 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.72 1.13 0.00	23.17 0.95 0.00	16.14 0.78 0.00	15.82 0.84 0.00	17.12 0.92 0.00	18.74 0.96 0.00	18.27 0.97 0.00	18.74 1.09 0.00	20.22 1.20 0.00	25.91 1.40 0.00	34.62 1.66 0.00	39.35 1.89 0.00	34.27 1.76 0.00	30.74 1.55 0.00	27.04 1.32 0.00	25.36 1.27 0.00	25.98 1.33 0.00	43.96 1.09 -17.76
EAST_RIVER___2 323559	18.62 0.94 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.24 0.82 0.00	21.30 0.87 0.00	23.08 0.94 0.00	26.74 1.15 0.00	23.19 0.97 0.00	16.15 0.80 0.00	15.84 0.86 0.00	17.15 0.94 0.00	18.77 0.99 0.00	18.30 1.00 0.00	18.77 1.13 0.00	20.26 1.24 0.00	25.95 1.45 0.00	34.68 1.73 0.00	39.42 1.97 0.00	34.33 1.81 0.00	30.79 1.60 0.00	27.09 1.37 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.16 -17.76
EAST___DELAWARE_HYD 23607	18.57 0.89 0.00	20.61 0.90 0.00	20.47 0.86 0.00	20.26 0.84 0.00	21.33 0.91 0.00	23.14 1.00 0.00	26.80 1.21 0.00	23.24 1.03 0.00	16.10 0.74 0.00	15.71 0.73 0.00	16.97 0.76 0.00	18.57 0.78 0.00	18.06 0.77 0.00	18.51 0.87 0.00	19.98 0.97 0.00	25.77 1.26 0.00	34.65 1.70 0.00	39.48 2.02 0.00	34.37 1.85 0.00	30.82 1.63 0.00	27.11 1.38 0.00	25.42 1.32 0.00	26.00 1.35 0.00	26.29 1.19 0.00
EIGHT_POINT___WT_PWR 323820	17.08 -0.60 0.00	19.14 -0.57 0.00	19.14 -0.47 0.00	18.97 -0.44 0.00	20.08 -0.34 0.00	22.04 -0.11 0.00	25.40 -0.18 0.00	22.05 -0.17 0.00	15.10 -0.26 0.00	14.70 -0.27 0.00	15.83 -0.37 0.00	17.49 -0.29 0.00	17.02 -0.28 0.00	17.23 -0.41 0.00	18.39 -0.63 0.00	23.98 -0.53 0.00	32.53 -0.42 0.00	36.85 -0.61 0.00	31.61 -0.91 0.00	28.18 -1.02 0.00	24.41 -1.31 0.00	22.56 -1.54 0.00	22.94 -1.71 0.00	23.30 -1.81 0.00
ELBRIDGE_115KV_TB2 80188	17.46 -0.23 0.00	19.49 -0.22 0.00	19.38 -0.24 0.00	19.18 -0.24 0.00	20.19 -0.23 0.00	21.88 -0.27 0.00	25.30 -0.29 0.00	21.97 -0.25 0.00	15.16 -0.20 0.00	14.75 -0.22 0.00	15.94 -0.27 0.00	17.48 -0.30 0.00	17.01 -0.29 0.00	17.33 -0.31 0.00	18.68 -0.34 0.00	24.16 -0.35 0.00	32.54 -0.42 0.00	36.99 -0.46 0.00	32.07 -0.45 0.00	28.74 -0.45 0.00	25.32 -0.41 0.00	23.71 -0.38 0.00	24.25 -0.40 0.00	24.73 -0.38 0.00
ELEC_TRO_TEK 24086	18.75 1.07 0.00	20.72 1.02 0.00	20.50 0.88 0.00	20.28 0.86 0.00	21.33 0.91 0.00	23.14 0.99 0.00	26.73 1.14 0.00	23.02 0.80 0.00	16.06 0.70 0.00	15.81 0.84 0.00	17.08 0.88 0.00	18.70 0.92 0.00	18.26 0.96 0.00	18.77 1.12 0.00	22.05 1.40 -1.64	28.27 1.66 -2.11	34.73 1.77 0.00	39.46 2.00 0.00	34.33 1.81 0.00	30.75 1.56 0.00	27.06 1.33 0.00	25.40 1.30 0.00	26.13 1.48 0.00	26.25 1.14 0.00

ELLENBURG_WT_PWR 323604	17.27 -0.40 0.01	9.10 -0.48 10.13	19.23 -0.39 0.00	19.15 -0.27 0.00	20.28 -0.14 0.00	22.15 0.01 0.00	25.65 0.07 0.00	22.50 0.28 0.00	15.59 0.23 0.00	15.18 0.20 0.00	16.43 0.22 0.00	18.10 0.32 0.00	17.66 0.36 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.78 0.27 0.00	33.46 0.50 0.00	37.73 0.27 0.00	32.75 0.24 0.00	29.52 0.33 0.00	26.18 0.46 0.00	24.42 0.33 0.00	24.99 0.34 0.00	25.54 0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.30 -0.39 0.00	19.45 -0.26 0.00	19.38 -0.24 0.00	19.18 -0.24 0.00	20.13 -0.29 0.00	21.85 -0.30 0.00	24.97 -0.62 0.00	21.49 -0.72 0.00	14.89 -0.46 0.00	14.62 -0.36 0.00	15.75 -0.45 0.00	17.45 -0.33 0.00	17.01 -0.29 0.00	17.08 -0.56 0.00	18.15 -0.87 0.00	23.41 -1.10 0.00	31.42 -1.54 0.00	35.34 -2.12 0.00	30.37 -2.15 0.00	27.36 -1.84 0.00	23.96 -1.76 0.00	22.38 -1.72 0.00	23.22 -1.43 0.00	24.00 -1.11 0.00
EMPIRE_CC_1 323656	18.06 0.38 0.00	20.12 0.41 0.00	20.04 0.43 0.00	19.85 0.43 0.00	20.82 0.39 0.00	22.57 0.43 0.00	26.09 0.50 0.00	22.62 0.40 0.00	15.63 0.28 0.00	15.20 0.22 0.00	16.43 0.22 0.00	17.97 0.19 0.00	17.47 0.18 0.00	17.87 0.23 0.00	19.42 0.41 0.00	24.99 0.48 0.00	33.57 0.61 0.00	38.25 0.80 0.00	33.27 0.76 0.00	29.87 0.68 0.00	26.30 0.57 0.00	24.67 0.57 0.00	25.22 0.57 0.00	25.71 0.60 0.00
EMPIRE_CC_2 323658	18.06 0.38 0.00	20.12 0.41 0.00	20.04 0.43 0.00	19.85 0.43 0.00	20.82 0.39 0.00	22.57 0.43 0.00	26.09 0.50 0.00	22.62 0.40 0.00	15.63 0.28 0.00	15.20 0.22 0.00	16.43 0.22 0.00	17.97 0.19 0.00	17.47 0.18 0.00	17.87 0.23 0.00	19.42 0.41 0.00	24.99 0.48 0.00	33.57 0.61 0.00	38.25 0.80 0.00	33.27 0.76 0.00	29.87 0.68 0.00	26.30 0.57 0.00	24.67 0.57 0.00	25.22 0.57 0.00	25.71 0.60 0.00
ENORWICH_115KV_TB1 80156	18.04 0.36 0.00	20.19 0.48 0.00	20.12 0.50 0.00	19.99 0.58 0.00	21.18 0.75 0.00	22.91 0.77 0.00	26.68 1.09 0.00	23.24 1.02 0.00	15.94 0.58 0.00	15.48 0.50 0.00	16.69 0.48 0.00	18.31 0.53 0.00	17.72 0.42 0.00	18.04 0.39 0.00	19.50 0.48 0.00	25.71 1.21 0.00	35.13 2.17 0.00	40.12 2.66 0.00	34.81 2.29 0.00	31.22 2.03 0.00	27.45 1.72 0.00	25.68 1.58 0.00	26.14 1.49 0.00	26.55 1.44 0.00
ERIE_ST__34_KV_TB1-2 80199	17.66 -0.02 0.00	19.84 0.13 0.00	19.77 0.15 0.00	19.56 0.14 0.00	20.55 0.13 0.00	22.32 0.17 0.00	25.52 -0.07 0.00	21.97 -0.25 0.00	15.21 -0.15 0.00	14.94 -0.04 0.00	16.10 -0.11 0.00	17.82 0.03 0.00	17.36 0.06 0.00	17.47 -0.17 0.00	18.58 -0.43 0.00	23.98 -0.53 0.00	32.13 -0.82 0.00	36.22 -1.24 0.00	31.16 -1.36 0.00	28.06 -1.14 0.00	24.59 -1.13 0.00	22.99 -1.11 0.00	23.78 -0.86 0.00	24.56 -0.54 0.00
ERIE_WT_PWR 323693	17.41 -0.27 0.00	19.58 -0.13 0.00	19.49 -0.12 0.00	19.31 -0.11 0.00	20.27 -0.15 0.00	22.02 -0.12 0.00	25.18 -0.40 0.00	21.69 -0.53 0.00	15.01 -0.34 0.00	14.73 -0.24 0.00	15.87 -0.33 0.00	17.57 -0.22 0.00	17.13 -0.16 0.00	17.22 -0.42 0.00	18.30 -0.72 0.00	23.61 -0.90 0.00	31.71 -1.24 0.00	35.70 -1.76 0.00	30.69 -1.83 0.00	27.62 -1.57 0.00	24.18 -1.55 0.00	22.57 -1.52 0.00	23.39 -1.26 0.00	24.17 -0.93 0.00
ESPRGFLD_115KV_TB1 80157	18.35 0.67 0.00	20.51 0.80 0.00	20.45 0.83 0.00	20.26 0.84 0.00	21.37 0.95 0.00	23.18 1.04 0.00	26.82 1.23 0.00	23.26 1.04 0.00	16.01 0.66 0.00	15.60 0.62 0.00	16.91 0.71 0.00	18.59 0.81 0.00	18.05 0.76 0.00	18.35 0.71 0.00	19.70 0.68 0.00	25.61 1.10 0.00	34.68 1.73 0.00	39.43 1.97 0.00	34.20 1.69 0.00	30.66 1.47 0.00	27.02 1.30 0.00	25.27 1.17 0.00	25.84 1.19 0.00	26.21 1.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.81 0.13 0.00	19.87 0.17 0.00	19.77 0.16 0.00	19.58 0.16 0.00	20.64 0.22 0.00	22.39 0.24 0.00	25.91 0.32 0.00	22.49 0.27 0.00	15.46 0.10 0.00	15.01 0.03 0.00	16.18 -0.02 0.00	17.76 -0.02 0.00	17.26 -0.04 0.00	17.59 -0.05 0.00	18.96 -0.05 0.00	24.65 0.14 0.00	33.37 0.41 0.00	37.99 0.53 0.00	32.95 0.44 0.00	29.54 0.35 0.00	25.98 0.26 0.00	24.32 0.23 0.00	24.85 0.20 0.00	25.32 0.21 0.00
ETNA____115KV_TB2 80207	17.81 0.13 0.00	19.87 0.17 0.00	19.77 0.16 0.00	19.58 0.16 0.00	20.64 0.22 0.00	22.39 0.24 0.00	25.91 0.32 0.00	22.49 0.27 0.00	15.46 0.10 0.00	15.01 0.03 0.00	16.18 -0.02 0.00	17.76 -0.02 0.00	17.26 -0.04 0.00	17.59 -0.05 0.00	18.96 -0.05 0.00	24.65 0.14 0.00	33.37 0.41 0.00	37.99 0.53 0.00	32.95 0.44 0.00	29.54 0.35 0.00	25.98 0.26 0.00	24.32 0.23 0.00	24.85 0.20 0.00	25.32 0.21 0.00
EUCLID__115KV_TB2 356179	17.37 -0.31 0.00	19.39 -0.32 0.00	19.30 -0.32 0.00	19.10 -0.32 0.00	20.09 -0.33 0.00	21.78 -0.37 0.00	25.14 -0.45 0.00	21.82 -0.40 0.00	15.07 -0.29 0.00	14.68 -0.29 0.00	15.87 -0.34 0.00	17.43 -0.36 0.00	16.95 -0.34 0.00	17.27 -0.37 0.00	18.59 -0.43 0.00	24.02 -0.49 0.00	32.34 -0.61 0.00	36.76 -0.70 0.00	31.87 -0.64 0.00	28.60 -0.59 0.00	25.18 -0.54 0.00	23.58 -0.51 0.00	24.13 -0.52 0.00	24.59 -0.51 0.00
E_CANADA_CAP_HY 24051	18.57 0.89 0.00	20.78 1.07 0.00	20.73 1.11 0.00	20.53 1.11 0.00	21.63 1.21 0.00	23.48 1.34 0.00	27.13 1.55 0.00	23.48 1.27 0.00	16.04 0.68 0.00	15.51 0.53 0.00	16.81 0.60 0.00	18.49 0.71 0.00	17.96 0.66 0.00	18.24 0.59 0.00	19.62 0.60 0.00	25.66 1.15 0.00	34.96 2.01 0.00	39.80 2.34 0.00	34.50 1.98 0.00	30.93 1.74 0.00	27.27 1.55 0.00	25.53 1.43 0.00	26.12 1.47 0.00	26.52 1.42 0.00
E_CANADA_MHWK_HY 24050	17.60 -0.08 0.00	19.60 -0.11 0.00	19.52 -0.10 0.00	19.38 -0.04 0.00	20.36 -0.06 0.00	22.08 -0.06 0.00	25.57 -0.01 0.00	22.21 -0.01 0.00	15.15 -0.21 0.00	14.63 -0.35 0.00	15.79 -0.42 0.00	17.23 -0.56 0.00	16.69 -0.61 0.00	17.09 -0.55 0.00	18.62 -0.40 0.00	24.44 -0.07 0.00	33.15 0.19 0.00	37.99 0.53 0.00	33.06 0.54 0.00	29.65 0.46 0.00	26.10 0.37 0.00	24.54 0.44 0.00	25.05 0.40 0.00	25.49 0.38 0.00
E_FISHKILL__LBMP 23776	18.38 0.70 0.00	20.38 0.68 0.00	20.25 0.63 0.00	20.03 0.61 0.00	21.06 0.64 0.00	22.84 0.70 0.00	26.43 0.85 0.00	22.92 0.70 0.00	15.93 0.58 0.00	15.60 0.63 0.00	16.88 0.68 0.00	18.48 0.70 0.00	18.00 0.70 0.00	18.45 0.81 0.00	19.91 0.90 0.00	25.55 1.04 0.00	34.20 1.24 0.00	38.91 1.45 0.00	33.86 1.34 0.00	30.37 1.17 0.00	26.72 0.99 0.00	25.06 0.96 0.00	25.65 1.01 0.00	25.93 0.83 0.00
FALCON__SEABRD_CC1 323796	17.42 -0.25 0.01	9.20 -0.28 10.22	19.44 -0.18 0.00	19.33 -0.09 0.00	20.48 0.06 0.00	22.37 0.23 0.00	25.96 0.37 0.00	22.77 0.55 0.00	15.74 0.39 0.00	15.31 0.33 0.00	16.58 0.37 0.00	18.27 0.48 0.00	17.80 0.50 0.00	18.10 0.45 0.00	19.38 0.36 0.00	24.90 0.39 0.00	33.51 0.55 0.00	37.76 0.30 0.00	32.81 0.29 0.00	29.53 0.34 0.00	26.33 0.60 0.00	24.55 0.46 0.00	25.12 0.47 0.00	25.70 0.60 0.00

FALCON___SEABRD_CC2 323797	17.42 -0.25 0.01	9.20 -0.28 10.22	19.44 -0.18 0.00	19.33 -0.09 0.00	20.48 0.06 0.00	22.37 0.23 0.00	25.96 0.37 0.00	22.77 0.55 0.00	15.74 0.39 0.00	15.31 0.33 0.00	16.58 0.37 0.00	18.27 0.48 0.00	17.80 0.50 0.00	18.10 0.45 0.00	19.38 0.36 0.00	24.90 0.39 0.00	33.51 0.55 0.00	37.76 0.30 0.00	32.81 0.29 0.00	29.53 0.34 0.00	26.33 0.60 0.00	24.55 0.46 0.00	25.12 0.47 0.00	25.70 0.60 0.00
FAR ROCKAWAY___4 23548	18.93 1.25 0.00	20.92 1.21 0.00	20.69 1.07 0.00	20.46 1.04 0.00	21.52 1.10 0.00	23.36 1.22 0.00	27.00 1.41 0.00	23.23 1.01 0.00	16.20 0.84 0.00	15.97 0.99 0.00	17.26 1.06 0.00	18.90 1.12 0.00	18.45 1.15 0.00	18.98 1.33 0.00	22.28 1.63 -1.64	28.58 1.97 -2.11	35.14 2.18 0.00	39.93 2.47 0.00	34.73 2.21 0.00	31.11 1.92 0.00	27.37 1.64 0.00	25.68 1.59 0.00	26.40 1.76 0.00	26.52 1.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.62 0.94 0.00	20.63 0.92 0.00	20.48 0.86 0.00	20.24 0.82 0.00	21.30 0.88 0.00	23.09 0.95 0.00	26.74 1.15 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.75 0.97 0.00	18.28 0.98 0.00	18.75 1.10 0.00	20.23 1.21 0.00	25.92 1.41 0.00	34.64 1.69 0.00	39.37 1.91 0.00	34.30 1.78 0.00	30.75 1.56 0.00	27.05 1.33 0.00	25.37 1.28 0.00	25.98 1.33 0.00	43.96 1.09 -17.76
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.91 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.43 1.34 0.00	25.95 1.31 0.00	43.96 1.09 -17.76
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.61 0.93 0.00	20.62 0.91 0.00	20.47 0.85 0.00	20.24 0.82 0.00	21.29 0.87 0.00	23.08 0.94 0.00	26.73 1.14 0.00	23.18 0.96 0.00	16.14 0.78 0.00	15.82 0.85 0.00	17.13 0.92 0.00	18.75 0.96 0.00	18.27 0.97 0.00	18.74 1.09 0.00	20.22 1.20 0.00	25.91 1.40 0.00	34.62 1.66 0.00	39.36 1.89 0.00	34.27 1.76 0.00	30.74 1.55 0.00	27.04 1.32 0.00	25.36 1.26 0.00	25.97 1.32 0.00	43.95 1.08 -17.76
FARRAGUT___LBMP 323566	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.91 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.95 1.31 0.00	43.93 1.07 -17.76
FENNER___WINDPWR 24204	17.84 0.15 0.00	20.17 0.20 -0.27	19.84 0.22 0.00	19.67 0.24 0.00	20.74 0.31 0.00	22.51 0.36 0.00	26.06 0.47 0.00	22.63 0.41 0.00	15.56 0.20 0.00	15.10 0.13 0.00	16.32 0.11 0.00	17.90 0.11 0.00	17.39 0.09 0.00	17.72 0.07 0.00	19.11 0.09 0.00	24.79 0.28 0.00	33.58 0.63 0.00	38.27 0.81 0.00	33.20 0.68 0.00	29.77 0.58 0.00	26.20 0.47 0.00	24.52 0.42 0.00	25.02 0.37 0.00	25.45 0.35 0.00
FIBERTEK___ENERGY 23856	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
FITZPATRICK____ 23598	17.15 -0.53 0.00	19.14 -0.57 0.00	19.06 -0.56 0.00	18.86 -0.56 0.00	19.83 -0.59 0.00	21.50 -0.65 0.00	24.81 -0.78 0.00	21.53 -0.68 0.00	14.89 -0.47 0.00	14.51 -0.47 0.00	15.69 -0.52 0.00	17.23 -0.56 0.00	16.75 -0.54 0.00	17.07 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.86 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.29 -0.81 0.00
FLOWRFLD_69_KV_BK1 356044	19.00 1.32 0.00	20.97 1.26 0.00	20.72 1.11 0.00	20.49 1.08 0.00	21.54 1.12 0.00	23.38 1.23 0.00	26.96 1.38 0.00	23.15 0.93 0.00	16.16 0.81 0.00	15.89 0.92 0.00	17.15 0.94 0.00	18.76 0.97 0.00	18.34 1.05 0.00	18.91 1.26 0.00	22.33 1.67 -1.64	28.66 2.04 -2.11	35.09 2.13 0.00	39.93 2.47 0.00	34.73 2.21 0.00	31.10 1.91 0.00	27.37 1.65 0.00	25.70 1.61 0.00	26.49 1.84 0.00	26.36 1.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.57 0.89 0.00	20.59 0.88 0.00	20.45 0.83 0.00	20.23 0.81 0.00	21.28 0.86 0.00	23.09 0.94 0.00	26.73 1.15 0.00	23.18 0.96 0.00	16.10 0.74 0.00	15.75 0.77 0.00	17.04 0.83 0.00	18.65 0.86 0.00	18.16 0.87 0.00	18.62 0.98 0.00	20.11 1.09 0.00	25.85 1.34 0.00	34.64 1.69 0.00	39.43 1.97 0.00	34.31 1.79 0.00	30.76 1.57 0.00	27.05 1.33 0.00	25.37 1.28 0.00	25.95 1.30 0.00	26.23 1.13 0.00
FORT ORANGE____ 23900	17.94 0.25 0.00	19.97 0.27 0.00	19.88 0.27 0.00	19.70 0.28 0.00	20.66 0.24 0.00	22.40 0.25 0.00	25.91 0.33 0.00	22.52 0.30 0.00	15.53 0.17 0.00	15.12 0.14 0.00	16.34 0.14 0.00	17.88 0.09 0.00	17.38 0.09 0.00	17.77 0.13 0.00	19.28 0.26 0.00	24.86 0.35 0.00	33.45 0.49 0.00	38.15 0.69 0.00	33.19 0.67 0.00	29.76 0.57 0.00	26.19 0.47 0.00	24.56 0.46 0.00	25.08 0.43 0.00	25.67 0.56 0.00
FORT_DRUM_COGEN 23780	17.61 -0.07 0.00	21.60 0.07 -1.83	19.85 0.23 0.00	19.56 0.14 0.00	20.55 0.13 0.00	22.34 0.20 0.00	26.15 0.56 0.00	22.86 0.64 0.00	15.58 0.22 0.00	15.02 0.04 0.00	16.25 0.04 0.00	17.84 0.06 0.00	17.34 0.05 0.00	17.61 -0.03 0.00	18.98 -0.03 0.00	24.95 0.44 0.00	34.60 1.64 0.00	39.64 2.18 0.00	34.45 1.93 0.00	30.90 1.71 0.00	27.18 1.45 0.00	25.30 1.21 0.00	25.54 0.89 0.00	25.81 0.71 0.00
FOX_HILLS___ESR 323835	18.74 1.06 0.00	20.76 1.05 0.00	20.64 1.02 0.00	20.40 0.98 0.00	21.47 1.05 0.00	23.25 1.11 0.00	26.95 1.36 0.00	23.38 1.16 0.00	16.18 0.82 0.00	15.81 0.84 0.00	17.12 0.91 0.00	18.65 0.87 0.00	18.18 0.88 0.00	18.65 1.00 0.00	20.12 1.11 0.00	25.81 1.30 0.00	34.50 1.55 0.00	39.26 1.80 0.00	34.22 1.70 0.00	30.68 1.49 0.00	26.97 1.25 0.00	25.28 1.18 0.00	25.88 1.23 0.00	43.85 0.98 -17.76
FPL FAR_ROCK_GT1 24212	18.93 1.25 0.00	20.92 1.21 0.00	20.69 1.07 0.00	20.46 1.04 0.00	21.52 1.10 0.00	23.36 1.22 0.00	27.00 1.41 0.00	23.22 1.00 0.00	16.20 0.84 0.00	15.97 0.99 0.00	17.26 1.06 0.00	18.90 1.12 0.00	18.45 1.15 0.00	18.98 1.33 0.00	22.28 1.63 -1.64	28.58 1.96 -2.11	35.13 2.18 0.00	39.93 2.47 0.00	34.73 2.21 0.00	31.11 1.92 0.00	27.37 1.65 0.00	25.68 1.59 0.00	26.40 1.76 0.00	26.52 1.41 0.00

FPL FAR_ROCK_GT2 23815	18.93 1.25 0.00	20.92 1.21 0.00	20.69 1.07 0.00	20.46 1.04 0.00	21.52 1.10 0.00	23.36 1.22 0.00	27.00 1.41 0.00	23.22 1.00 0.00	16.20 0.84 0.00	15.97 0.99 0.00	17.26 1.06 0.00	18.90 1.12 0.00	18.45 1.15 0.00	18.98 1.33 0.00	22.28 1.63 -1.64	28.58 1.96 -2.11	35.13 2.18 0.00	39.93 2.47 0.00	34.73 2.21 0.00	31.11 1.92 0.00	27.37 1.65 0.00	25.68 1.59 0.00	26.40 1.76 0.00	26.52 1.41 0.00
FRANKLIN_FALL_HYD 24054	17.77 0.08 -0.01	31.99 0.07 -12.20	19.78 0.17 0.00	19.66 0.24 0.00	20.79 0.37 0.00	22.72 0.57 0.00	26.39 0.81 0.00	23.16 0.94 0.00	15.94 0.59 0.00	15.48 0.50 0.00	16.71 0.51 0.00	18.43 0.65 0.00	17.97 0.67 0.00	18.25 0.60 0.00	19.56 0.54 0.00	25.31 0.80 0.00	34.50 1.55 0.00	39.14 1.68 0.00	33.97 1.45 0.00	30.60 1.41 0.00	27.08 1.36 0.00	25.21 1.12 0.00	25.72 1.07 0.00	26.23 1.12 0.00
FREEPORT_EQUS_GT1 23764	18.85 1.17 0.00	20.82 1.12 0.00	20.59 0.98 0.00	20.37 0.95 0.00	21.42 1.00 0.00	23.24 1.10 0.00	26.85 1.26 0.00	23.09 0.87 0.00	16.11 0.75 0.00	15.87 0.89 0.00	17.14 0.93 0.00	18.76 0.97 0.00	18.31 1.02 0.00	18.85 1.21 0.00	22.17 1.51 -1.64	28.43 1.82 -2.11	34.90 1.94 0.00	39.66 2.20 0.00	34.52 2.00 0.00	30.91 1.72 0.00	27.19 1.47 0.00	25.54 1.44 0.00	26.30 1.65 0.00	26.38 1.28 0.00
FREEPORT___CT2 23818	18.85 1.17 0.00	20.82 1.12 0.00	20.59 0.98 0.00	20.37 0.95 0.00	21.42 1.00 0.00	23.24 1.10 0.00	26.85 1.26 0.00	23.09 0.87 0.00	16.11 0.75 0.00	15.87 0.89 0.00	17.14 0.93 0.00	18.76 0.97 0.00	18.31 1.02 0.00	18.85 1.21 0.00	22.17 1.51 -1.64	28.43 1.82 -2.11	34.90 1.94 0.00	39.66 2.20 0.00	34.52 2.00 0.00	30.91 1.72 0.00	27.19 1.47 0.00	25.54 1.44 0.00	26.30 1.65 0.00	26.38 1.28 0.00
FRESHKLS_33_KV_LOAD 356253	18.83 1.15 0.00	20.86 1.15 0.00	20.76 1.14 0.00	20.52 1.10 0.00	21.60 1.18 0.00	23.38 1.23 0.00	27.09 1.51 0.00	23.50 1.28 0.00	16.20 0.84 0.00	15.81 0.83 0.00	17.10 0.90 0.00	18.61 0.82 0.00	18.13 0.83 0.00	18.60 0.96 0.00	20.07 1.06 0.00	25.77 1.26 0.00	34.47 1.51 0.00	39.25 1.80 0.00	34.20 1.68 0.00	30.66 1.46 0.00	26.94 1.22 0.00	25.24 1.15 0.00	25.85 1.20 0.00	43.81 0.94 -17.76
FULTON COGEN____ 23766	17.33 -0.35 0.00	19.34 -0.37 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	20.04 -0.39 0.00	21.72 -0.43 0.00	25.06 -0.52 0.00	21.77 -0.45 0.00	15.03 -0.33 0.00	14.63 -0.35 0.00	15.81 -0.40 0.00	17.35 -0.43 0.00	16.86 -0.43 0.00	17.19 -0.46 0.00	18.51 -0.51 0.00	23.93 -0.58 0.00	32.27 -0.69 0.00	36.72 -0.74 0.00	31.84 -0.68 0.00	28.57 -0.62 0.00	25.15 -0.57 0.00	23.56 -0.53 0.00	24.10 -0.55 0.00	24.55 -0.56 0.00
FULTON___LFGE 323630	18.65 0.97 0.00	20.81 1.11 0.00	20.73 1.12 0.00	20.52 1.10 0.00	21.61 1.19 0.00	23.46 1.31 0.00	27.13 1.55 0.00	23.44 1.23 0.00	15.84 0.48 0.00	15.21 0.23 0.00	16.47 0.26 0.00	18.10 0.31 0.00	17.56 0.26 0.00	17.86 0.22 0.00	19.30 0.28 0.00	25.46 0.95 0.00	34.99 2.04 0.00	39.97 2.51 0.00	34.67 2.15 0.00	31.09 1.90 0.00	27.37 1.64 0.00	25.61 1.52 0.00	26.17 1.52 0.00	26.57 1.46 0.00
G.F.CEMENT___DRP 24184	18.79 1.10 0.00	20.95 1.24 0.00	20.84 1.23 0.00	20.63 1.21 0.00	21.68 1.25 0.00	23.53 1.38 0.00	27.28 1.70 0.00	23.72 1.50 0.00	16.27 0.92 0.00	15.69 0.72 0.00	16.95 0.74 0.00	18.55 0.76 0.00	17.97 0.67 0.00	18.40 0.76 0.00	20.17 1.15 0.00	26.12 1.62 0.00	35.39 2.44 0.00	40.37 2.92 0.00	35.12 2.60 0.00	31.50 2.31 0.00	27.63 1.90 0.00	25.86 1.76 0.00	26.40 1.75 0.00	26.81 1.70 0.00
GARDENVILLE___LBMP 24039	17.36 -0.32 0.00	19.51 -0.19 0.00	19.45 -0.17 0.00	19.25 -0.17 0.00	20.21 -0.22 0.00	21.94 -0.20 0.00	25.09 -0.50 0.00	21.60 -0.62 0.00	14.96 -0.40 0.00	14.68 -0.30 0.00	15.82 -0.39 0.00	17.52 -0.27 0.00	17.07 -0.22 0.00	17.16 -0.48 0.00	18.23 -0.78 0.00	23.53 -0.98 0.00	31.59 -1.37 0.00	35.54 -1.92 0.00	30.55 -1.96 0.00	27.50 -1.69 0.00	24.07 -1.66 0.00	22.47 -1.63 0.00	23.29 -1.36 0.00	24.06 -1.05 0.00
GARDNVLA_35_KV_LD 355827	17.43 -0.25 0.00	19.59 -0.12 0.00	19.52 -0.10 0.00	19.32 -0.10 0.00	20.28 -0.14 0.00	22.03 -0.12 0.00	25.20 -0.38 0.00	21.71 -0.51 0.00	15.03 -0.33 0.00	14.75 -0.23 0.00	15.89 -0.31 0.00	17.60 -0.19 0.00	17.16 -0.14 0.00	17.24 -0.40 0.00	18.32 -0.70 0.00	23.64 -0.86 0.00	31.75 -1.21 0.00	35.74 -1.72 0.00	30.72 -1.80 0.00	27.66 -1.53 0.00	24.21 -1.52 0.00	22.60 -1.50 0.00	23.41 -1.24 0.00	24.20 -0.91 0.00
GELCKHM___115KV_LOAD 80723	17.44 -0.25 0.00	19.46 -0.25 0.00	19.37 -0.25 0.00	19.17 -0.25 0.00	20.17 -0.25 0.00	21.86 -0.28 0.00	25.24 -0.34 0.00	21.91 -0.31 0.00	15.13 -0.23 0.00	14.74 -0.24 0.00	15.93 -0.28 0.00	17.49 -0.29 0.00	17.01 -0.29 0.00	17.33 -0.31 0.00	18.66 -0.35 0.00	24.13 -0.38 0.00	32.49 -0.47 0.00	36.93 -0.52 0.00	32.02 -0.50 0.00	28.73 -0.46 0.00	25.29 -0.43 0.00	23.68 -0.41 0.00	24.23 -0.42 0.00	24.69 -0.41 0.00
GENERAL___MILLS 23808	17.41 -0.27 0.00	19.57 -0.14 0.00	19.50 -0.12 0.00	19.30 -0.12 0.00	20.26 -0.16 0.00	22.00 -0.14 0.00	25.17 -0.42 0.00	21.67 -0.55 0.00	15.01 -0.35 0.00	14.73 -0.25 0.00	15.87 -0.34 0.00	17.57 -0.22 0.00	17.13 -0.17 0.00	17.21 -0.43 0.00	18.29 -0.73 0.00	23.61 -0.90 0.00	31.69 -1.27 0.00	35.68 -1.78 0.00	30.66 -1.86 0.00	27.61 -1.58 0.00	24.17 -1.55 0.00	22.56 -1.53 0.00	23.38 -1.27 0.00	24.15 -0.95 0.00
GE_PLASTICS___DRP 24183	17.92 0.24 0.00	19.95 0.24 0.00	19.86 0.24 0.00	19.67 0.25 0.00	20.64 0.22 0.00	22.37 0.22 0.00	25.86 0.28 0.00	22.46 0.24 0.00	15.51 0.16 0.00	15.13 0.15 0.00	16.38 0.17 0.00	17.93 0.14 0.00	17.43 0.13 0.00	17.82 0.18 0.00	19.29 0.26 0.00	24.84 0.33 0.00	33.35 0.40 0.00	37.99 0.53 0.00	33.04 0.52 0.00	29.64 0.45 0.00	26.09 0.37 0.00	24.48 0.38 0.00	25.01 0.36 0.00	25.54 0.43 0.00
GILBOA___1 23756	18.04 0.36 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.37 0.00	22.46 0.31 0.00	25.96 0.37 0.00	22.53 0.31 0.00	15.60 0.24 0.00	15.24 0.26 0.00	16.59 0.39 0.00	18.18 0.39 0.00	17.62 0.33 0.00	18.02 0.37 0.00	19.39 0.37 0.00	24.96 0.44 0.00	33.42 0.46 0.00	37.98 0.52 0.00	33.08 0.56 0.00	29.67 0.48 0.00	26.14 0.41 0.00	24.54 0.44 0.00	25.09 0.44 0.00	25.49 0.38 0.00
GILBOA___2 23757	18.04 0.36 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.37 0.00	22.46 0.31 0.00	25.96 0.37 0.00	22.53 0.31 0.00	15.60 0.24 0.00	15.24 0.26 0.00	16.59 0.39 0.00	18.18 0.39 0.00	17.62 0.33 0.00	18.02 0.37 0.00	19.39 0.37 0.00	24.96 0.44 0.00	33.42 0.46 0.00	37.98 0.52 0.00	33.08 0.56 0.00	29.67 0.48 0.00	26.14 0.41 0.00	24.54 0.44 0.00	25.09 0.44 0.00	25.49 0.38 0.00

GILBOA___3 23758	18.04 0.36 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.37 0.00	22.46 0.31 0.00	25.96 0.37 0.00	22.53 0.31 0.00	15.60 0.24 0.00	15.24 0.26 0.00	16.59 0.39 0.00	18.18 0.39 0.00	17.62 0.33 0.00	18.02 0.37 0.00	19.39 0.37 0.00	24.96 0.44 0.00	33.42 0.46 0.00	37.98 0.52 0.00	33.08 0.56 0.00	29.67 0.48 0.00	26.14 0.41 0.00	24.54 0.44 0.00	25.09 0.44 0.00	25.49 0.38 0.00
GILBOA___4 23759	18.04 0.36 0.00	20.09 0.38 0.00	19.98 0.37 0.00	19.78 0.36 0.00	20.79 0.37 0.00	22.46 0.31 0.00	25.96 0.37 0.00	22.53 0.31 0.00	15.60 0.24 0.00	15.24 0.26 0.00	16.59 0.39 0.00	18.18 0.39 0.00	17.62 0.33 0.00	18.02 0.37 0.00	19.39 0.37 0.00	24.96 0.44 0.00	33.42 0.46 0.00	37.98 0.52 0.00	33.08 0.56 0.00	29.67 0.48 0.00	26.14 0.41 0.00	24.54 0.44 0.00	25.09 0.44 0.00	25.49 0.38 0.00
GILBOA___ 23599	18.04 0.36 0.00	20.09 0.38 0.00	19.99 0.37 0.00	19.78 0.36 0.00	20.79 0.37 0.00	22.46 0.31 0.00	25.96 0.37 0.00	22.53 0.31 0.00	15.60 0.24 0.00	15.24 0.26 0.00	16.59 0.39 0.00	18.18 0.39 0.00	17.62 0.33 0.00	18.02 0.37 0.00	19.39 0.37 0.00	24.96 0.44 0.00	33.42 0.46 0.00	37.98 0.52 0.00	33.08 0.56 0.00	29.67 0.48 0.00	26.14 0.41 0.00	24.54 0.44 0.00	25.09 0.44 0.00	25.49 0.39 0.00
GINNA___ 23603	16.62 -1.07 0.00	18.61 -1.10 0.00	18.53 -1.09 0.00	18.33 -1.09 0.00	19.26 -1.17 0.00	20.89 -1.25 0.00	24.03 -1.56 0.00	20.80 -1.42 0.00	14.36 -1.00 0.00	14.01 -0.97 0.00	15.13 -1.08 0.00	16.66 -1.13 0.00	16.22 -1.08 0.00	16.42 -1.23 0.00	17.59 -1.43 0.00	22.78 -1.73 0.00	30.72 -2.24 0.00	34.80 -2.66 0.00	30.04 -2.47 0.00	27.00 -2.20 0.00	23.72 -2.00 0.00	22.18 -1.92 0.00	22.83 -1.83 0.00	23.39 -1.72 0.00
GLEN PARK___ 23778	17.69 0.00 0.00	21.60 0.15 -1.73	19.93 0.31 0.00	19.64 0.22 0.00	20.64 0.21 0.00	22.44 0.30 0.00	26.25 0.66 0.00	22.94 0.72 0.00	15.62 0.26 0.00	15.03 0.05 0.00	16.25 0.04 0.00	17.84 0.06 0.00	17.34 0.04 0.00	17.61 -0.04 0.00	18.98 -0.04 0.00	24.96 0.45 0.00	34.71 1.75 0.00	39.80 2.34 0.00	34.58 2.06 0.00	31.03 1.84 0.00	27.28 1.56 0.00	25.39 1.30 0.00	25.63 0.98 0.00	25.91 0.80 0.00
GLENDALE_27_KV_LOAD 356172	18.67 0.99 0.00	20.68 0.97 0.00	20.52 0.91 0.00	20.29 0.87 0.00	21.35 0.93 0.00	23.13 0.99 0.00	26.79 1.21 0.00	23.24 1.02 0.00	16.19 0.83 0.00	15.87 0.89 0.00	17.19 0.98 0.00	18.79 1.01 0.00	18.32 1.02 0.00	18.78 1.14 0.00	20.26 1.24 0.00	25.97 1.46 0.00	34.69 1.74 0.00	39.43 1.97 0.00	34.36 1.84 0.00	30.81 1.62 0.00	27.10 1.38 0.00	25.42 1.33 0.00	26.03 1.38 0.00	44.01 1.14 -17.76
GLENWOOD_IC_1_G5 23712	18.73 1.05 0.00	20.72 1.01 0.00	20.53 0.91 0.00	20.30 0.88 0.00	21.35 0.93 0.00	23.17 1.02 0.00	26.79 1.21 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.85 0.87 0.00	17.13 0.92 0.00	18.75 0.96 0.00	18.29 0.99 0.00	18.78 1.14 0.00	22.01 1.36 -1.64	28.23 1.62 -2.11	34.77 1.82 0.00	39.53 2.07 0.00	34.39 1.88 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.45 1.36 0.00	26.13 1.48 0.00	26.30 1.19 0.00
GLENWOOD_IC_2_G1 23688	18.63 0.95 0.00	20.62 0.91 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.08 0.93 0.00	26.69 1.11 0.00	23.08 0.86 0.00	16.07 0.72 0.00	15.78 0.80 0.00	17.06 0.85 0.00	18.68 0.89 0.00	18.22 0.92 0.00	18.70 1.06 0.00	21.89 1.23 -1.64	28.07 1.45 -2.11	34.60 1.65 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.70 1.51 0.00	27.01 1.28 0.00	25.34 1.25 0.00	25.99 1.35 0.00	26.19 1.09 0.00
GLENWOOD_IC_3_G1 23689	18.63 0.95 0.00	20.62 0.91 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.08 0.93 0.00	26.69 1.11 0.00	23.08 0.86 0.00	16.07 0.72 0.00	15.78 0.80 0.00	17.06 0.85 0.00	18.68 0.89 0.00	18.22 0.92 0.00	18.70 1.06 0.00	21.89 1.23 -1.64	28.07 1.45 -2.11	34.60 1.65 0.00	39.34 1.88 0.00	34.24 1.72 0.00	30.70 1.51 0.00	27.01 1.28 0.00	25.34 1.25 0.00	25.99 1.35 0.00	26.19 1.09 0.00
GLENWOOD___4 23550	18.73 1.05 0.00	20.72 1.01 0.00	20.53 0.91 0.00	20.30 0.88 0.00	21.35 0.93 0.00	23.17 1.02 0.00	26.79 1.21 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.85 0.87 0.00	17.13 0.92 0.00	18.75 0.96 0.00	18.29 0.99 0.00	18.78 1.14 0.00	22.01 1.36 -1.64	28.23 1.62 -2.11	34.77 1.82 0.00	39.53 2.07 0.00	34.39 1.88 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.45 1.36 0.00	26.13 1.48 0.00	26.30 1.19 0.00
GLENWOOD___5 23614	18.73 1.05 0.00	20.72 1.01 0.00	20.53 0.91 0.00	20.30 0.88 0.00	21.35 0.93 0.00	23.17 1.02 0.00	26.79 1.21 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.85 0.87 0.00	17.13 0.92 0.00	18.75 0.96 0.00	18.29 0.99 0.00	18.78 1.14 0.00	22.01 1.36 -1.64	28.23 1.62 -2.11	34.77 1.82 0.00	39.53 2.07 0.00	34.39 1.88 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.45 1.36 0.00	26.13 1.48 0.00	26.30 1.19 0.00
GLOBAL GREEN_PORT_GT1 23814	18.70 1.02 0.00	20.61 0.91 0.00	20.36 0.74 0.00	20.14 0.72 0.00	21.18 0.76 0.00	23.01 0.86 0.00	26.56 0.98 0.00	22.83 0.61 0.00	15.92 0.56 0.00	15.65 0.67 0.00	16.87 0.66 0.00	18.53 0.75 0.00	18.31 1.02 0.00	18.99 1.35 0.00	22.66 2.00 -1.64	29.16 2.54 -2.11	35.60 2.65 0.00	40.40 2.95 0.00	34.98 2.46 0.00	31.23 2.04 0.00	27.54 1.82 0.00	26.03 1.93 0.00	26.78 2.13 0.00	26.39 1.29 0.00
GLOBE___DSASP 323697	16.91 -0.77 0.00	19.04 -0.66 0.00	18.98 -0.64 0.00	18.78 -0.64 0.00	19.67 -0.75 0.00	21.33 -0.81 0.00	24.31 -1.27 0.00	20.93 -1.28 0.00	14.52 -0.83 0.00	14.26 -0.71 0.00	15.38 -0.83 0.00	17.05 -0.74 0.00	16.62 -0.67 0.00	16.66 -0.98 0.00	17.67 -1.35 0.00	22.76 -1.75 0.00	30.49 -2.47 0.00	34.22 -3.24 0.00	29.39 -3.12 0.00	26.54 -2.65 0.00	23.31 -2.41 0.00	21.81 -2.29 0.00	22.72 -1.93 0.00	23.54 -1.57 0.00
GOETHSLN___LBMP 323567	18.55 0.86 0.00	20.54 0.83 0.00	20.39 0.78 0.00	20.16 0.74 0.00	21.22 0.80 0.00	23.02 0.88 0.00	26.66 1.08 0.00	23.12 0.90 0.00	16.11 0.75 0.00	15.78 0.81 0.00	17.07 0.87 0.00	18.69 0.91 0.00	18.22 0.92 0.00	18.70 1.05 0.00	20.17 1.15 0.00	25.86 1.35 0.00	34.56 1.60 0.00	39.29 1.83 0.00	34.23 1.71 0.00	30.69 1.50 0.00	26.99 1.27 0.00	25.32 1.23 0.00	25.94 1.29 0.00	43.89 1.02 -17.76
GOLAH___69_KV_TB 1_2 80279	17.48 -0.21 0.00	19.60 -0.11 0.00	19.54 -0.08 0.00	19.37 -0.06 0.00	20.31 -0.11 0.00	22.02 -0.12 0.00	25.30 -0.28 0.00	21.77 -0.45 0.00	15.02 -0.33 0.00	14.66 -0.32 0.00	15.78 -0.42 0.00	17.41 -0.38 0.00	16.96 -0.33 0.00	17.12 -0.52 0.00	18.30 -0.72 0.00	23.67 -0.83 0.00	32.00 -0.96 0.00	36.25 -1.21 0.00	31.25 -1.27 0.00	28.13 -1.06 0.00	24.70 -1.03 0.00	23.09 -1.01 0.00	23.83 -0.82 0.00	24.47 -0.63 0.00

GOODYEAR_LAKE_HYD 323669	18.19 0.51 0.00	20.28 0.58 0.00	20.20 0.58 0.00	20.00 0.58 0.00	21.09 0.66 0.00	22.85 0.70 0.00	26.45 0.86 0.00	22.95 0.73 0.00	15.86 0.51 0.00	15.50 0.52 0.00	16.81 0.60 0.00	18.45 0.67 0.00	17.91 0.61 0.00	18.26 0.62 0.00	19.64 0.62 0.00	25.42 0.91 0.00	34.22 1.27 0.00	38.91 1.45 0.00	33.80 1.28 0.00	30.30 1.11 0.00	26.69 0.97 0.00	24.99 0.89 0.00	25.54 0.89 0.00	25.91 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.63 -0.05 0.00	19.69 -0.02 0.00	19.60 -0.01 0.00	19.40 -0.02 0.00	20.47 0.05 0.00	22.20 0.06 0.00	25.62 0.04 0.00	22.23 0.01 0.00	15.32 -0.04 0.00	14.99 0.02 0.00	16.18 -0.02 0.00	17.80 0.01 0.00	17.31 0.01 0.00	17.68 0.03 0.00	18.98 -0.04 0.00	24.53 0.02 0.00	32.93 -0.02 0.00	37.37 -0.09 0.00	32.38 -0.13 0.00	29.05 -0.15 0.00	25.54 -0.19 0.00	23.93 -0.17 0.00	24.44 -0.21 0.00	24.94 -0.17 0.00
GOUDEY___7 23579	17.63 -0.05 0.00	19.69 -0.02 0.00	19.60 -0.01 0.00	19.40 -0.02 0.00	20.47 0.05 0.00	22.20 0.06 0.00	25.62 0.04 0.00	22.23 0.01 0.00	15.32 -0.04 0.00	14.99 0.02 0.00	16.18 -0.02 0.00	17.80 0.01 0.00	17.31 0.01 0.00	17.68 0.03 0.00	18.98 -0.04 0.00	24.53 0.02 0.00	32.93 -0.02 0.00	37.37 -0.09 0.00	32.38 -0.13 0.00	29.05 -0.15 0.00	25.54 -0.19 0.00	23.93 -0.17 0.00	24.44 -0.21 0.00	24.94 -0.17 0.00
GOUDEY___8 23580	17.63 -0.05 0.00	19.69 -0.02 0.00	19.60 -0.01 0.00	19.40 -0.02 0.00	20.47 0.05 0.00	22.20 0.06 0.00	25.62 0.04 0.00	22.23 0.01 0.00	15.32 -0.04 0.00	14.99 0.02 0.00	16.18 -0.02 0.00	17.80 0.01 0.00	17.31 0.01 0.00	17.68 0.03 0.00	18.98 -0.04 0.00	24.53 0.02 0.00	32.93 -0.02 0.00	37.37 -0.09 0.00	32.38 -0.13 0.00	29.05 -0.15 0.00	25.54 -0.19 0.00	23.93 -0.17 0.00	24.44 -0.21 0.00	24.94 -0.17 0.00
GOWANUS_GT1_1 24077	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT1_2 24078	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT1_3 24079	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT1_4 24080	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	2																

GOWANUS_GT2_4 24117	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.37 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.93 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT2_5 24118	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.37 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.93 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT2_6 24119	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.37 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.93 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT2_7 24120	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.37 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.93 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT2_8 24121	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.37 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.93 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT3_1 24122	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT3_2 24123	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT3_3 24124	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15														

GOWANUS_GT4_3 24132	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT4_4 24133	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT4_5 24134	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT4_6 24135	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT4_7 24136	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GOWANUS_GT4_8 24137	18.67 0.99 0.00	20.68 0.97 0.00	20.54 0.92 0.00	20.30 0.88 0.00	21.36 0.94 0.00	23.15 1.01 0.00	26.83 1.25 0.00	23.28 1.06 0.00	16.17 0.81 0.00	15.82 0.85 0.00	17.14 0.93 0.00	18.71 0.92 0.00	18.23 0.94 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GREENBSH_115KV_TB3 55895	17.85 0.17 0.00	19.87 0.16 0.00	19.78 0.16 0.00	19.60 0.17 0.00	20.56 0.13 0.00	22.28 0.13 0.00	25.76 0.18 0.00	22.38 0.16 0.00	15.46 0.10 0.00	15.08 0.10 0.00	16.31 0.11 0.00	17.85 0.06 0.00	17.35 0.06 0.00	17.74 0.10 0.00	19.24 0.22 0.00	24.76 0.25 0.00	33.25 0.29 0.00	37.88 0.42 0.00	32.95 0.43 0.00	29.56 0.37 0.00	26.02 0.29 0.00	24.41 0.32 0.00	24.93 0.28 0.00	25.53 0.42 0.00
GREENIDGE_115KV_TB5 80291	17.56 -0.12 0.00	19.64 -0.07 0.00	19.57 -0.05 0.00	19.38 -0.05 0.00	20.45 0.03 0.00	22.24 0.10 0.00	25.66 0.08 0.00	22.27 0.05 0.00	15.29 -0.07 0.00	14.85 -0.12 0.00	15.95 -0.26 0.00	17.55 -0.24 0.00	17.06 -0.24 0.00	17.35 -0.29 0.00	18.61 -0.41 0.00	24.21 -0.30 0.00	32.66 -0.30 0.00	37.24 -0.22 0.00	32.19 -0.33 0.00	28.88 -0.32 0.00	25.42 -0.31 0.00	23.64 -0.45 0.00	24.16 -0.49 0.00	24.65 -0.46 0.00
GREENIDGE___3 23582	17.56 -0.12 0.00	19.64 -0.07 0.00	19.57 -0.05 0.00	19.38 -0.05 0.00	20.45 0.03 0.00	22.24 0.10 0.00	25.66 0.08 0.00	22.27 0.05 0.00	15.29 -0.07 0.00	14.85 -0.12 0.00	15.95 -0.26 0.00	17.55 -0.24 0.00	17.06 -0.24 0.00	17.35 -0.29 0.00	18.61 -0.41 0.00	24.21 -0.30 0.00	32.66 -0.30 0.00	37.24 -0.22 0.00	32.19 -0.33 0.00	28.88 -0.32 0.00	25.42 -0.31 0.00	23.64 -0.45 0.00	24.16 -0.49 0.00	24.65 -0.46 0.00
GREENIDGE___4 23583	17.56 -0.12 0.00	19.64 -0.07 0.00	19.57 -0.05 0.00	19.38 -0.05 0.00	20.45 0.03 0.00	22.25 0.10 0.00	25.66 0.08 0.00	22.27 0.06 0.00	15.29 -0.07 0.00	14.85 -0.12 0.00	15.95 -0.26 0.00	17.55 -0.24 0.00	17.06 -0.24 0.00	17.35 -0.29 0.00	18.61 -0.41 0.00	24.21 -0.30 0.00	32.67 -0.29 0.00	37.25 -0.21 0.00	32.19 -0.33 0.00	28.87 -0.32 0.00	25.42 -0.31 0.00	23.64 -0.45 0.00	24.16 -0.49 0.00	24.65 -0.46 0.00
GREENLWN_69_KV_BK 3 55738	18.80 1.11 0.00	20.76 1.05 0.00	20.52 0.90 0.00	20.29 0.87 0.00	21.34 0.92 0.00	23.15 1.00 0.00	26.73 1.15 0.00	22.93 0.71 0.00	16.00 0.65 0.00	15.76 0.79 0.00	17.03 0.82 0.00	18.64 0.85 0.00	18.21 0.91 0.00	18.74 1.10 0.00	22.10 1.45 -1.64	28.31 1.70 -2.11	34.63 1.68 0.00	39.36 1.90 0.00	34.24 1.72 0.00	30.67 1.48 0.00	26.99 1.27 0.00	25.34 1.25 0.00	26.14 1.49 0.00	26.22 1.12 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
GRISSOM___SOLAR 323813	18.61 0.93 0.00	20.77 1.07 0.00	20.68 1.06 0.00	20.47 1.05 0.00	21.55 1.13 0.00	23.38 1.24 0.00	27.05 1.47 0.00	23.37 1.15 0.00	15.73 0.38 0.00	15.09 0.11 0.00	16.34 0.13 0.00	17.95 0.16 0.00	17.42 0.12 0.00	17.72 0.08 0.00	19.16 0.15 0.00	25.33 0.82 0.00	34.87 1.92 0.00	39.86 2.40 0.00	34.59 2.07 0.00	31.01 1.82 0.00	27.29 1.57 0.00	25.54 1.45 0.00	26.11 1.46 0.00	26.50 1.40 0.00
GROVEVILLE___HYD 323602	18.57 0.89 0.00	20.59 0.88 0.00	20.45 0.83 0.00	20.23 0.81 0.00	21.28 0.86 0.00	23.09 0.94 0.00	26.73 1.15 0.00	23.18 0.96 0.00	16.10 0.74 0.00	15.75 0.77 0.00	17.04 0.83 0.00	18.65 0.86 0.00	18.16 0.87 0.00	18.62 0.98 0.00	20.11 1.09 0.00	25.85 1.34 0.00	34.64 1.69 0.00	39.43 1.97 0.00	34.31 1.79 0.00	30.76 1.57 0.00	27.05 1.33 0.00	25.37 1.28 0.00	25.95 1.30 0.00	26.23 1.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00

HAMLTNNY_34_KV_TB 80303	17.56 -0.12 0.00	19.60 -0.11 0.00	19.49 -0.13 0.00	19.29 -0.13 0.00	20.30 -0.13 0.00	22.01 -0.13 0.00	25.45 -0.14 0.00	22.10 -0.13 0.00	15.24 -0.12 0.00	14.83 -0.15 0.00	16.01 -0.19 0.00	17.57 -0.21 0.00	17.09 -0.20 0.00	17.40 -0.24 0.00	18.77 -0.25 0.00	24.30 -0.21 0.00	32.75 -0.21 0.00	37.23 -0.22 0.00	32.26 -0.25 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.87 -0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.36 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
HARDSCRABBLE_WT_PWR 323673	17.49 -0.20 0.00	19.51 -0.19 0.00	19.47 -0.15 0.00	19.35 -0.07 0.00	20.32 -0.10 0.00	22.06 -0.09 0.00	25.51 -0.07 0.00	22.19 -0.02 0.00	15.22 -0.14 0.00	14.74 -0.24 0.00	15.91 -0.30 0.00	17.37 -0.41 0.00	16.83 -0.47 0.00	17.20 -0.45 0.00	18.70 -0.32 0.00	24.49 -0.02 0.00	33.20 0.24 0.00	37.99 0.53 0.00	33.03 0.51 0.00	29.65 0.46 0.00	26.11 0.38 0.00	24.53 0.44 0.00	25.05 0.40 0.00	25.49 0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.47 0.79 0.00	20.47 0.77 0.00	20.34 0.72 0.00	20.12 0.69 0.00	21.18 0.76 0.00	23.00 0.85 0.00	26.62 1.03 0.00	23.08 0.86 0.00	16.02 0.66 0.00	15.66 0.69 0.00	16.94 0.73 0.00	18.54 0.76 0.00	18.06 0.76 0.00	18.53 0.89 0.00	20.01 0.99 0.00	25.71 1.20 0.00	34.44 1.48 0.00	39.19 1.73 0.00	34.09 1.57 0.00	30.56 1.37 0.00	26.88 1.16 0.00	25.22 1.13 0.00	25.81 1.16 0.00	26.08 0.97 0.00
HARSNRAD_115KV_TB1 81005	17.18 -0.50 0.00	19.34 -0.37 0.00	19.28 -0.34 0.00	19.07 -0.35 0.00	19.99 -0.43 0.00	21.68 -0.46 0.00	24.72 -0.87 0.00	21.20 -1.02 0.00	14.70 -0.66 0.00	14.40 -0.57 0.00	15.51 -0.70 0.00	17.18 -0.60 0.00	16.74 -0.55 0.00	16.78 -0.86 0.00	17.82 -1.20 0.00	23.00 -1.52 0.00	30.91 -2.04 0.00	34.75 -2.71 0.00	29.87 -2.65 0.00	26.95 -2.25 0.00	23.64 -2.09 0.00	22.09 -2.01 0.00	22.99 -1.66 0.00	23.77 -1.34 0.00
HARZA MOOSE___RIVER 24016	17.77 0.08 0.00	21.11 0.14 -1.27	19.89 0.27 0.00	19.65 0.23 0.00	20.67 0.25 0.00	22.47 0.32 0.00	26.21 0.62 0.00	22.86 0.64 0.00	15.67 0.32 0.00	15.18 0.20 0.00	16.42 0.22 0.00	18.02 0.23 0.00	17.52 0.23 0.00	17.83 0.18 0.00	19.24 0.22 0.00	25.09 0.58 0.00	34.34 1.39 0.00	39.21 1.75 0.00	34.05 1.54 0.00	30.54 1.35 0.00	26.87 1.15 0.00	25.07 0.98 0.00	25.44 0.79 0.00	25.81 0.70 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.44 -0.25 0.00	19.46 -0.24 0.00	19.37 -0.25 0.00	19.17 -0.24 0.00	20.17 -0.25 0.00	21.87 -0.28 0.00	25.24 -0.34 0.00	21.90 -0.31 0.00	15.13 -0.23 0.00	14.74 -0.24 0.00	15.93 -0.28 0.00	17.50 -0.29 0.00	17.01 -0.29 0.00	17.34 -0.31 0.00	18.66 -0.35 0.00	24.12 -0.39 0.00	32.48 -0.47 0.00	36.92 -0.54 0.00	32.01 -0.51 0.00	28.73 -0.47 0.00	25.28 -0.44 0.00	23.68 -0.42 0.00	24.22 -0.43 0.00	24.69 -0.42 0.00
HELLGATE_13_KV_LD 55870	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.04 0.90 0.00	26.69 1.10 0.00	23.15 0.93 0.00	16.13 0.77 0.00	15.80 0.82 0.00	17.12 0.91 0.00	18.71 0.92 0.00	18.24 0.94 0.00	18.70 1.05 0.00	20.18 1.16 0.00	25.84 1.33 0.00	34.53 1.57 0.00	39.23 1.77 0.00	34.18 1.66 0.00	30.66 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.91 1.26 0.00	43.89 1.02 -17.76
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.60 0.92 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.04 0.90 0.00	26.69 1.10 0.00	23.15 0.93 0.00	16.13 0.77 0.00	15.80 0.82 0.00	17.12 0.91 0.00	18.71 0.92 0.00	18.24 0.94 0.00	18.70 1.05 0.00	20.18 1.16 0.00	25.84 1.33 0.00	34.53 1.57 0.00	39.23 1.77 0.00	34.18 1.66 0.00	30.66 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.91 1.26 0.00	43.89 1.02 -17.76
HEMPSTEAD____ 23647	18.72 1.04 0.00	20.69 0.98 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.11 0.96 0.00	26.70 1.11 0.00	22.99 0.77 0.00	16.04 0.68 0.00	15.78 0.81 0.00	17.05 0.85 0.00	18.67 0.88 0.00	18.22 0.93 0.00	18.74 1.09 0.00	22.01 1.36 -1.64	28.24 1.62 -2.11	34.67 1.71 0.00	39.40 1.94 0.00	34.28 1.77 0.00	30.71 1.52 0.00	27.02 1.30 0.00	25.37 1.27 0.00	26.11 1.46 0.00	26.23 1.12 0.00
HEWLETT_69_KV_BK3 55828	18.85 1.17 0.00	20.84 1.13 0.00	20.61 0.99 0.00	20.39 0.96 0.00	21.44 1.02 0.00	23.27 1.12 0.00	26.88 1.29 0.00	23.13 0.92 0.00	16.14 0.78 0.00	15.91 0.93 0.00	17.20 0.99 0.00	18.83 1.04 0.00	18.38 1.08 0.00	18.90 1.26 0.00	22.20 1.55 -1.64	28.47 1.85 -2.11	34.99 2.03 0.00	39.75 2.29 0.00	34.57 2.06 0.00	30.97 1.78 0.00	27.24 1.52 0.00	25.57 1.48 0.00	26.30 1.65 0.00	26.40 1.30 0.00
HICKLING___1 23621	17.42 -0.26 0.00	19.50 -0.20 0.00	19.44 -0.18 0.00	19.25 -0.17 0.00	20.38 -0.05 0.00	22.17 0.03 0.00	25.56 -0.02 0.00	22.17 -0.05 0.00	15.20 -0.15 0.00	14.87 -0.11 0.00	15.99 -0.22 0.00	17.65 -0.14 0.00	17.15 -0.15 0.00	17.52 -0.12 0.00	18.73 -0.29 0.00	24.31 -0.20 0.00	32.70 -0.26 0.00	37.02 -0.44 0.00	31.98 -0.54 0.00	28.63 -0.56 0.00	25.08 -0.65 0.00	23.40 -0.69 0.00	23.87 -0.78 0.00	24.39 -0.71 0.00
HICKLING___2 23622	17.42 -0.26 0.00	19.50 -0.20 0.00	19.44 -0.18 0.00	19.25 -0.17 0.00	20.38 -0.05 0.00	22.17 0.03 0.00	25.56 -0.02 0.00	22.17 -0.05 0.00	15.20 -0.15 0.00	14.87 -0.11 0.00	15.99 -0.22 0.00	17.65 -0.14 0.00	17.15 -0.15 0.00	17.52 -0.12 0.00	18.73 -0.29 0.00	24.31 -0.20 0.00	32.70 -0.26 0.00	37.02 -0.44 0.00	31.98 -0.54 0.00	28.63 -0.56 0.00	25.08 -0.65 0.00	23.40 -0.69 0.00	23.87 -0.78 0.00	24.39 -0.71 0.00
HIGH FALLS___HY 23754	18.57 0.89 0.00	20.59 0.88 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.29 0.87 0.00	23.10 0.95 0.00	26.76 1.17 0.00	23.20 0.98 0.00	16.12 0.76 0.00	15.74 0.76 0.00	17.00 0.80 0.00	18.59 0.81 0.00	18.09 0.80 0.00	18.56 0.91 0.00	20.02 1.00 0.00	25.76 1.25 0.00	34.60 1.64 0.00	39.42 1.96 0.00	34.32 1.80 0.00	30.77 1.58 0.00	27.07 1.35 0.00	25.39 1.30 0.00	25.98 1.33 0.00	26.20 1.10 0.00
HIGH_RIVER___SOLAR 323847	18.34 0.66 0.00	20.45 0.74 0.00	20.36 0.74 0.00	20.16 0.73 0.00	21.19 0.77 0.00	22.98 0.83 0.00	26.57 0.98 0.00	23.01 0.79 0.00	15.69 0.33 0.00	15.09 0.12 0.00	16.29 0.08 0.00	17.86 0.07 0.00	17.34 0.05 0.00	17.71 0.06 0.00	19.26 0.23 0.00	25.18 0.67 0.00	34.27 1.32 0.00	39.08 1.62 0.00	33.95 1.43 0.00	30.45 1.26 0.00	26.80 1.08 0.00	25.11 1.01 0.00	25.66 1.01 0.00	26.08 0.97 0.00

HILLBURN___GT 23639	18.44 0.76 0.00	20.43 0.72 0.00	20.29 0.67 0.00	20.07 0.64 0.00	21.13 0.71 0.00	22.94 0.80 0.00	26.57 0.98 0.00	23.03 0.81 0.00	16.01 0.65 0.00	15.66 0.68 0.00	16.93 0.73 0.00	18.53 0.75 0.00	18.06 0.76 0.00	18.53 0.89 0.00	20.00 0.98 0.00	25.67 1.16 0.00	34.34 1.39 0.00	39.07 1.61 0.00	34.00 1.48 0.00	30.47 1.28 0.00	26.81 1.09 0.00	25.15 1.06 0.00	25.75 1.10 0.00	26.02 0.92 0.00
HILLSIDE_115KV_TB1 80332	17.27 -0.41 0.00	19.32 -0.38 0.00	19.26 -0.36 0.00	19.05 -0.37 0.00	20.17 -0.25 0.00	21.94 -0.21 0.00	25.29 -0.30 0.00	21.93 -0.29 0.00	15.05 -0.30 0.00	14.77 -0.21 0.00	15.88 -0.32 0.00	17.52 -0.27 0.00	17.03 -0.27 0.00	17.43 -0.21 0.00	18.64 -0.38 0.00	24.13 -0.38 0.00	32.33 -0.63 0.00	36.61 -0.85 0.00	31.66 -0.86 0.00	28.35 -0.84 0.00	24.87 -0.85 0.00	23.28 -0.82 0.00	23.74 -0.91 0.00	24.28 -0.83 0.00
HISHELDN_WT_PWR 323625	17.21 -0.47 0.00	19.33 -0.38 0.00	19.27 -0.34 0.00	19.09 -0.33 0.00	20.08 -0.34 0.00	21.85 -0.30 0.00	25.04 -0.55 0.00	21.60 -0.62 0.00	14.89 -0.46 0.00	14.58 -0.40 0.00	15.71 -0.50 0.00	17.39 -0.39 0.00	16.94 -0.35 0.00	17.07 -0.58 0.00	18.16 -0.86 0.00	23.51 -1.00 0.00	31.67 -1.29 0.00	35.66 -1.80 0.00	30.64 -1.88 0.00	27.50 -1.70 0.00	24.03 -1.70 0.00	22.36 -1.73 0.00	23.07 -1.58 0.00	23.75 -1.36 0.00
HOLTSVILLE_IC_1 23690	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
HOLTSVILLE_IC_10 23699	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.95 1.36 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.91 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.03 0.00	18.89 1.25 0.00	22.31 1.66 -1.64	28.64 2.02 -2.11	35.05 2.09 0.00	39.90 2.44 0.00	34.69 2.18 0.00	31.07 1.87 0.00	27.36 1.63 0.00	25.68 1.59 0.00	26.48 1.83 0.00	26.32 1.22 0.00
HOLTSVILLE_IC_2 23691	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
HOLTSVILLE_IC_3 23692	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
HOLTSVILLE_IC_4 23693	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
HOLTSVILLE_IC_5 23694	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
HOLTSVILLE_IC_6 23695	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.95 1.36 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.91 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.03 0.00	18.89 1.25 0.00	22.31 1.66 -1.64	28.64 2.02 -2.11	35.05 2.09 0.00	39.90 2.44 0.00	34.69 2.18 0.00	31.07 1.87 0.00	27.36 1.63 0.00	25.68 1.59 0.00	26.48 1.83 0.00	26.32 1.22 0.00
HOLTSVILLE_IC_7 23696	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.95 1.36 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.91 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.03 0.00	18.89 1.25 0.00	22.31 1.66 -1.64	28.64 2.02 -2.11	35.05 2.09 0.00	39.90 2.44 0.00	34.69 2.18 0.00	31.07 1.87 0.00	27.36 1.63 0.00	25.68 1.59 0.00	26.48 1.83 0.00	26.32 1.22 0.00
HOLTSVILLE_IC_8 23697	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.95 1.36 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.91 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.03 0.00	18.89 1.25 0.00	22.31 1.66 -1.64	28.64 2.02 -2.11	35.05 2.09 0.00	39.90 2.44 0.00	34.69 2.18 0.00	31.07 1.87 0.00	27.36 1.63 0.00	25.68 1.59 0.00	26.48 1.83 0.00	26.32 1.22 0.00
HOLTSVILLE_IC_9 23698	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.95 1.36 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.91 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.03 0.00	18.89 1.25 0.00	22.31 1.66 -1.64	28.64 2.02 -2.11	35.05 2.09 0.00	39.90 2.44 0.00	34.69 2.18 0.00	31.07 1.87 0.00	27.36 1.63 0.00	25.68 1.59 0.00	26.48 1.83 0.00	26.32 1.22 0.00
HOMER_HL_115KV_TB2 355744	17.78 0.09 0.00	19.90 0.19 0.00	19.85 0.23 0.00	19.64 0.21 0.00	20.72 0.29 0.00	22.47 0.33 0.00	25.67 0.09 0.00	22.14 -0.08 0.00	15.31 -0.05 0.00	15.12 0.14 0.00	16.32 0.11 0.00	18.02 0.23 0.00	17.54 0.24 0.00	17.85 0.21 0.00	19.03 0.01 0.00	24.45 -0.06 0.00	32.49 -0.46 0.00	36.67 -0.79 0.00	31.59 -0.93 0.00	28.30 -0.89 0.00	24.86 -0.86 0.00	23.31 -0.78 0.00	23.98 -0.67 0.00	24.72 -0.39 0.00
HOWARD_WT_PWR 323690	17.10 -0.58 0.00	19.16 -0.55 0.00	19.17 -0.45 0.00	19.00 -0.42 0.00	20.11 -0.31 0.00	22.06 -0.08 0.00	25.44 -0.14 0.00	22.08 -0.14 0.00	15.12 -0.23 0.00	14.72 -0.26 0.00	15.86 -0.35 0.00	17.51 -0.27 0.00	17.03 -0.26 0.00	17.25 -0.39 0.00	18.41 -0.61 0.00	24.02 -0.49 0.00	32.58 -0.38 0.00	36.91 -0.54 0.00	31.66 -0.86 0.00	28.22 -0.97 0.00	24.47 -1.26 0.00	22.60 -1.49 0.00	22.98 -1.66 0.00	23.34 -1.77 0.00

HQ_GEN_CEDARS 23644	18.19 0.51 -0.01	27.02 0.58 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.06 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.62 1.11 0.00	35.59 2.63 0.00	40.75 3.29 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.96 0.00	26.41 1.76 0.00	26.86 1.75 0.00
HQ_GEN_CEDARS_PROXY 323590	18.19 0.51 -0.01	27.02 0.59 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.07 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.61 1.11 0.00	35.58 2.63 0.00	40.75 3.30 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.97 0.00	26.41 1.77 0.00	26.86 1.75 0.00
HQ_GEN_IMPORT 323601	17.12 -0.01 0.55	19.29 -0.01 0.41	19.62 0.00 0.00	19.43 0.01 0.00	20.45 0.02 0.00	22.20 0.05 0.00	25.57 0.06 0.08	22.30 0.08 0.00	15.40 0.05 0.00	15.48 0.05 -0.45	16.26 0.05 0.00	17.88 0.09 0.00	17.40 0.10 0.00	17.72 0.07 0.00	19.06 0.04 0.00	24.53 0.02 0.00	33.01 0.06 0.00	37.47 0.01 0.00	33.60 -0.03 -1.11	29.20 0.01 0.00	25.79 0.06 0.00	24.12 0.02 0.00	24.69 0.05 0.00	25.19 0.09 0.00
HQ_GEN_WHEEL 23651	17.12 -0.01 0.55	19.29 -0.01 0.41	19.62 0.00 0.00	19.43 0.01 0.00	20.45 0.02 0.00	22.20 0.05 0.00	25.57 0.06 0.08	22.30 0.08 0.00	15.40 0.05 0.00	15.48 0.05 -0.45	16.26 0.05 0.00	17.88 0.09 0.00	17.40 0.10 0.00	17.72 0.07 0.00	19.06 0.04 0.00	24.53 0.02 0.00	33.01 0.06 0.00	37.47 0.01 0.00	33.60 -0.03 -1.11	29.20 0.01 0.00	25.79 0.06 0.00	24.12 0.02 0.00	24.69 0.05 0.00	25.19 0.09 0.00
HUDSON_AVE_GT_3 23810	18.63 0.95 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.26 0.84 0.00	21.31 0.90 0.00	23.11 0.96 0.00	26.75 1.17 0.00	23.21 0.99 0.00	16.16 0.80 0.00	15.84 0.86 0.00	17.14 0.94 0.00	18.76 0.98 0.00	18.29 0.99 0.00	18.75 1.11 0.00	20.24 1.22 0.00	25.93 1.43 0.00	34.65 1.70 0.00	39.40 1.94 0.00	34.32 1.80 0.00	30.77 1.58 0.00	27.07 1.34 0.00	25.39 1.30 0.00	26.00 1.35 0.00	43.98 1.12 -17.76
HUDSON_AVE_GT_4 23540	18.63 0.95 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.26 0.84 0.00	21.31 0.90 0.00	23.11 0.96 0.00	26.75 1.17 0.00	23.21 0.99 0.00	16.16 0.80 0.00	15.84 0.86 0.00	17.14 0.94 0.00	18.76 0.98 0.00	18.29 0.99 0.00	18.75 1.11 0.00	20.24 1.22 0.00	25.93 1.43 0.00	34.65 1.70 0.00	39.40 1.94 0.00	34.32 1.80 0.00	30.77 1.58 0.00	27.07 1.34 0.00	25.39 1.30 0.00	26.00 1.35 0.00	43.98 1.12 -17.76
HUDSON_AVE_GT_5 23657	18.63 0.95 0.00	20.64 0.93 0.00	20.49 0.87 0.00	20.26 0.84 0.00	21.31 0.90 0.00	23.11 0.96 0.00	26.75 1.17 0.00	23.21 0.99 0.00	16.16 0.80 0.00	15.84 0.86 0.00	17.14 0.94 0.00	18.76 0.98 0.00	18.29 0.99 0.00	18.75 1.11 0.00	20.24 1.22 0.00	25.93 1.43 0.00	34.65 1.70 0.00	39.40 1.94 0.00	34.32 1.80 0.00	30.77 1.58 0.00	27.07 1.34 0.00	25.39 1.30 0.00	26.00 1.35 0.00	43.98 1.12 -17.76
HUDSON_AVE_10 24168	18.55 0.87 0.00	20.56 0.85 0.00	20.41 0.79 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.65 1.06 0.00	23.12 0.90 0.00	16.09 0.73 0.00	15.78 0.80 0.00	17.08 0.87 0.00	18.68 0.89 0.00	18.20 0.90 0.00	18.67 1.02 0.00	20.14 1.12 0.00	25.81 1.30 0.00	34.48 1.52 0.00	39.20 1.74 0.00	34.14 1.63 0.00	30.63 1.44 0.00	26.95 1.22 0.00	25.28 1.19 0.00	25.91 1.26 0.00	43.88 1.02 -17.76
HUDSON___115KV_TB 4 355613	18.16 0.48 0.00	20.24 0.53 0.00	20.15 0.53 0.00	19.97 0.54 0.00	20.95 0.52 0.00	22.72 0.58 0.00	26.30 0.71 0.00	22.87 0.64 0.00	15.70 0.34 0.00	15.21 0.23 0.00	16.42 0.21 0.00	17.96 0.17 0.00	17.44 0.15 0.00	17.83 0.19 0.00	19.38 0.36 0.00	25.13 0.62 0.00	33.99 1.03 0.00	38.86 1.40 0.00	33.79 1.27 0.00	30.29 1.09 0.00	26.63 0.91 0.00	24.96 0.86 0.00	25.45 0.81 0.00	26.03 0.93 0.00
HUNTER MOUNT___DRP 323613	18.22 0.54 0.00	20.31 0.61 0.00	20.24 0.62 0.00	20.06 0.63 0.00	21.04 0.61 0.00	22.82 0.68 0.00	26.43 0.84 0.00	22.98 0.76 0.00	15.75 0.39 0.00	15.21 0.24 0.00	16.42 0.21 0.00	17.96 0.17 0.00	17.43 0.14 0.00	17.82 0.17 0.00	19.39 0.37 0.00	25.20 0.69 0.00	34.19 1.23 0.00	39.12 1.66 0.00	34.01 1.49 0.00	30.47 1.28 0.00	26.77 1.05 0.00	25.09 1.00 0.00	25.57 0.92 0.00	26.18 1.08 0.00
HUNTINGTON_RES_REC 323705	18.87 1.19 0.00	20.83 1.12 0.00	20.59 0.97 0.00	20.36 0.94 0.00	21.41 0.98 0.00	23.22 1.08 0.00	26.80 1.22 0.00	22.99 0.77 0.00	16.05 0.70 0.00	15.80 0.82 0.00	17.05 0.84 0.00	18.65 0.87 0.00	18.24 0.94 0.00	18.78 1.14 0.00	22.17 1.52 -1.64	28.44 1.82 -2.11	34.80 1.84 0.00	39.58 2.12 0.00	34.44 1.92 0.00	30.83 1.64 0.00	27.14 1.41 0.00	25.48 1.38 0.00	26.27 1.62 0.00	26.27 1.16 0.00
HUNTLEY___63 23557	17.31 -0.37 0.00	19.48 -0.23 0.00	19.41 -0.21 0.00	19.20 -0.22 0.00	20.14 -0.28 0.00	21.85 -0.30 0.00	24.93 -0.65 0.00	21.45 -0.77 0.00	14.86 -0.49 0.00	14.58 -0.40 0.00	15.70 -0.51 0.00	17.40 -0.39 0.00	16.96 -0.34 0.00	17.01 -0.63 0.00	18.07 -0.95 0.00	23.30 -1.21 0.00	31.30 -1.66 0.00	35.19 -2.27 0.00	30.24 -2.28 0.00	27.27 -1.92 0.00	23.91 -1.82 0.00	22.34 -1.76 0.00	23.23 -1.42 0.00	24.02 -1.09 0.00
HUNTLEY___64 23558	17.31 -0.37 0.00	19.48 -0.23 0.00	19.41 -0.21 0.00	19.20 -0.22 0.00	20.14 -0.28 0.00	21.85 -0.30 0.00	24.93 -0.65 0.00	21.45 -0.77 0.00	14.86 -0.49 0.00	14.58 -0.40 0.00	15.70 -0.51 0.00	17.40 -0.39 0.00	16.96 -0.34 0.00	17.01 -0.63 0.00	18.07 -0.95 0.00	23.30 -1.21 0.00	31.30 -1.66 0.00	35.19 -2.27 0.00	30.24 -2.28 0.00	27.27 -1.92 0.00	23.91 -1.82 0.00	22.34 -1.76 0.00	23.23 -1.42 0.00	24.02 -1.09 0.00
HUNTLEY___65 23559	17.31 -0.37 0.00	19.48 -0.23 0.00	19.41 -0.21 0.00	19.20 -0.22 0.00	20.14 -0.28 0.00	21.85 -0.30 0.00	24.93 -0.65 0.00	21.45 -0.77 0.00	14.86 -0.49 0.00	14.58 -0.40 0.00	15.70 -0.51 0.00	17.40 -0.39 0.00	16.96 -0.34 0.00	17.01 -0.63 0.00	18.07 -0.95 0.00	23.30 -1.21 0.00	31.30 -1.66 0.00	35.19 -2.27 0.00	30.24 -2.28 0.00	27.27 -1.92 0.00	23.91 -1.82 0.00	22.34 -1.76 0.00	23.23 -1.42 0.00	24.02 -1.09 0.00
HUNTLEY___66 23560	17.31 -0.37 0.00	19.48 -0.23 0.00	19.41 -0.21 0.00	19.20 -0.22 0.00	20.14 -0.28 0.00	21.85 -0.30 0.00	24.93 -0.65 0.00	21.45 -0.77 0.00	14.86 -0.49 0.00	14.58 -0.40 0.00	15.70 -0.51 0.00	17.40 -0.39 0.00	16.96 -0.34 0.00	17.01 -0.63 0.00	18.07 -0.95 0.00	23.30 -1.21 0.00	31.30 -1.66 0.00	35.19 -2.27 0.00	30.24 -2.28 0.00	27.27 -1.92 0.00	23.91 -1.82 0.00	22.34 -1.76 0.00	23.23 -1.42 0.00	24.02 -1.09 0.00

HUNTLEY___67 23561	17.17 -0.51 0.00	19.32 -0.39 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	19.98 -0.44 0.00	21.68 -0.47 0.00	24.76 -0.83 0.00	21.31 -0.91 0.00	14.77 -0.59 0.00	14.50 -0.48 0.00	15.63 -0.58 0.00	17.31 -0.47 0.00	16.88 -0.41 0.00	16.95 0.00 0.00	17.99 -1.02 0.00	23.20 -1.31 0.00	31.11 -1.84 0.00	34.98 -2.48 0.00	30.07 -2.45 0.00	27.11 -2.08 0.00	23.76 -1.96 0.00	22.20 -1.89 0.00	23.06 -1.59 0.00	23.86 -1.25 0.00
HUNTLEY___68 23562	17.17 -0.51 0.00	19.32 -0.39 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	19.98 -0.44 0.00	21.68 -0.47 0.00	24.76 -0.83 0.00	21.31 -0.91 0.00	14.77 -0.59 0.00	14.50 -0.48 0.00	15.63 -0.58 0.00	17.31 -0.47 0.00	16.88 -0.41 0.00	16.95 -0.70 0.00	17.99 -1.02 0.00	23.20 -1.31 0.00	31.11 -1.84 0.00	34.98 -2.48 0.00	30.07 -2.45 0.00	27.11 -2.08 0.00	23.76 -1.96 0.00	22.20 -1.89 0.00	23.06 -1.59 0.00	23.86 -1.25 0.00
HYLAND___LFGE 323620	17.97 0.29 0.00	20.12 0.41 0.00	20.06 0.45 0.00	19.87 0.45 0.00	20.94 0.51 0.00	22.85 0.70 0.00	26.29 0.70 0.00	22.78 0.56 0.00	15.41 0.05 0.00	14.77 -0.21 0.00	15.91 -0.30 0.00	17.55 -0.24 0.00	17.08 -0.21 0.00	17.27 -0.37 0.00	18.43 -0.59 0.00	23.94 -0.56 0.00	32.92 -0.04 0.00	37.99 0.52 0.00	32.81 0.29 0.00	29.44 0.25 0.00	25.74 0.01 0.00	23.90 -0.19 0.00	24.54 -0.12 0.00	25.06 -0.05 0.00
INDECK___CORINTH 23802	18.75 1.07 0.00	20.90 1.19 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.62 1.20 0.00	23.47 1.32 0.00	27.21 1.63 0.00	23.66 1.44 0.00	16.24 0.88 0.00	15.67 0.69 0.00	16.93 0.73 0.00	18.53 0.74 0.00	17.94 0.64 0.00	18.37 0.72 0.00	20.10 1.08 0.00	26.03 1.52 0.00	35.24 2.29 0.00	40.20 2.74 0.00	34.97 2.46 0.00	31.36 2.17 0.00	27.52 1.79 0.00	25.76 1.67 0.00	26.32 1.68 0.00	26.73 1.63 0.00
INDECK___ILION 23567	17.70 0.02 0.00	19.72 0.01 0.00	19.64 0.02 0.00	19.46 0.04 0.00	20.45 0.03 0.00	22.18 0.03 0.00	25.66 0.07 0.00	22.28 0.06 0.00	15.32 -0.04 0.00	14.88 -0.10 0.00	16.09 -0.12 0.00	17.61 -0.17 0.00	17.10 -0.20 0.00	17.47 -0.17 0.00	18.92 -0.10 0.00	24.57 0.06 0.00	33.17 0.22 0.00	37.86 0.40 0.00	32.90 0.38 0.00	29.52 0.33 0.00	25.99 0.26 0.00	24.38 0.29 0.00	24.91 0.26 0.00	25.35 0.24 0.00
INDECK___OLEAN 23982	17.77 0.09 0.00	19.90 0.19 0.00	19.85 0.23 0.00	19.64 0.21 0.00	20.72 0.29 0.00	22.48 0.33 0.00	25.67 0.09 0.00	22.14 -0.08 0.00	15.31 -0.05 0.00	15.12 0.14 0.00	16.32 0.11 0.00	18.02 0.23 0.00	17.54 0.24 0.00	17.85 0.20 0.00	19.03 0.01 0.00	24.45 -0.06 0.00	32.49 -0.46 0.00	36.68 -0.79 0.00	31.59 -0.93 0.00	28.30 -0.89 0.00	24.86 -0.86 0.00	23.31 -0.78 0.00	23.98 -0.67 0.00	24.72 -0.39 0.00
INDECK___OSWEGO 23783	17.24 -0.44 0.00	19.55 -0.46 0.00	19.17 -0.44 0.00	18.97 -0.45 0.00	19.94 -0.48 0.00	21.61 -0.53 0.00	24.96 -0.63 0.00	21.68 -0.54 0.00	14.97 -0.39 0.00	14.58 -0.40 0.00	15.76 -0.44 0.00	17.31 -0.48 0.00	16.83 -0.47 0.00	17.14 -0.50 0.00	18.47 -0.55 0.00	23.86 -0.64 0.00	32.17 -0.79 0.00	36.60 -0.86 0.00	31.75 -0.77 0.00	28.49 -0.70 0.00	25.08 -0.65 0.00	23.49 -0.60 0.00	24.02 -0.63 0.00	24.46 -0.65 0.00
INDECK___YERKES 23781	17.32 -0.36 0.00	19.50 -0.21 0.00	19.42 -0.20 0.00	19.22 -0.20 0.00	20.15 -0.27 0.00	21.88 -0.27 0.00	24.96 -0.63 0.00	21.48 -0.74 0.00	14.87 -0.49 0.00	14.58 -0.39 0.00	15.71 -0.49 0.00	17.41 -0.37 0.00	16.97 -0.32 0.00	17.02 -0.62 0.00	18.08 -0.94 0.00	23.32 -1.19 0.00	31.33 -1.63 0.00	35.22 -2.24 0.00	30.26 -2.26 0.00	27.29 -1.90 0.00	23.92 -1.80 0.00	22.36 -1.74 0.00	23.24 -1.41 0.00	24.04 -1.07 0.00
INDIAN POINT_GT_1 24139	18.45 0.77 0.00	20.44 0.74 0.00	20.30 0.69 0.00	20.08 0.66 0.00	21.13 0.71 0.00	22.93 0.78 0.00	26.54 0.96 0.00	23.01 0.79 0.00	16.00 0.64 0.00	15.66 0.69 0.00	16.94 0.73 0.00	18.54 0.76 0.00	18.07 0.77 0.00	18.54 0.89 0.00	20.00 0.99 0.00	25.67 1.16 0.00	34.34 1.39 0.00	39.06 1.61 0.00	34.00 1.48 0.00	30.49 1.29 0.00	26.82 1.10 0.00	25.16 1.06 0.00	25.76 1.11 0.00	26.02 0.92 0.00
INDIAN POINT_GT_2 23659	18.45 0.77 0.00	20.44 0.74 0.00	20.30 0.69 0.00	20.08 0.66 0.00	21.13 0.71 0.00	22.93 0.78 0.00	26.54 0.96 0.00	23.01 0.79 0.00	16.00 0.64 0.00	15.66 0.69 0.00	16.94 0.73 0.00	18.54 0.76 0.00	18.07 0.77 0.00	18.54 0.89 0.00	20.00 0.99 0.00	25.67 1.16 0.00	34.34 1.39 0.00	39.06 1.61 0.00	34.00 1.48 0.00	30.49 1.29 0.00	26.82 1.10 0.00	25.16 1.06 0.00	25.76 1.11 0.00	26.02 0.92 0.00
INDIAN POINT_GT_3 24019	18.45 0.77 0.00	20.44 0.74 0.00	20.30 0.69 0.00	20.08 0.66 0.00	21.13 0.71 0.00	22.93 0.78 0.00	26.54 0.96 0.00	23.01 0.79 0.00	16.00 0.64 0.00	15.66 0.69 0.00	16.94 0.73 0.00	18.54 0.76 0.00	18.07 0.77 0.00	18.54 0.89 0.00	20.00 0.99 0.00	25.67 1.16 0.00	34.34 1.39 0.00	39.06 1.61 0.00	34.00 1.48 0.00	30.49 1.29 0.00	26.82 1.10 0.00	25.16 1.06 0.00	25.76 1.11 0.00	26.02 0.92 0.00
INDIAN POINT___2 23530	18.43 0.75 0.00	20.42 0.71 0.00	20.28 0.66 0.00	20.06 0.64 0.00	21.11 0.69 0.00	22.91 0.76 0.00	26.52 0.94 0.00	22.99 0.77 0.00	15.98 0.63 0.00	15.65 0.67 0.00	16.92 0.71 0.00	18.52 0.73 0.00	18.05 0.75 0.00	18.52 0.87 0.00	19.98 0.96 0.00	25.64 1.13 0.00	34.30 1.34 0.00	39.02 1.56 0.00	33.96 1.44 0.00	30.44 1.25 0.00	26.78 1.06 0.00	25.13 1.04 0.00	25.73 1.08 0.00	26.00 0.89 0.00
INDIAN POINT___3 23531	18.43 0.75 0.00	20.43 0.72 0.00	20.29 0.67 0.00	20.06 0.64 0.00	21.12 0.69 0.00	22.91 0.76 0.00	26.52 0.94 0.00	22.99 0.77 0.00	15.98 0.62 0.00	15.65 0.67 0.00	16.92 0.72 0.00	18.53 0.74 0.00	18.05 0.76 0.00	18.52 0.87 0.00	19.98 0.96 0.00	25.65 1.13 0.00	34.30 1.35 0.00	39.02 1.56 0.00	33.97 1.45 0.00	30.45 1.26 0.00	26.79 1.07 0.00	25.13 1.04 0.00	25.73 1.08 0.00	26.00 0.89 0.00
INGHAM_C_115KV_TB7 356103	17.60 -0.08 0.00	19.60 -0.11 0.00	19.52 -0.10 0.00	19.38 -0.04 0.00	20.36 -0.07 0.00	22.08 -0.06 0.00	25.57 -0.01 0.00	22.21 -0.01 0.00	15.15 -0.21 0.00	14.63 -0.35 0.00	15.79 -0.42 0.00	17.23 -0.56 0.00	16.69 -0.60 0.00	17.09 -0.55 0.00	18.62 -0.40 0.00	24.44 -0.07 0.00	33.15 0.19 0.00	37.99 0.53 0.00	33.06 0.54 0.00	29.65 0.46 0.00	26.10 0.37 0.00	24.54 0.44 0.00	25.05 0.40 0.00	25.49 0.38 0.00
IP CORINTH___1 23988	18.75 1.07 0.00	20.90 1.19 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.62 1.20 0.00	23.47 1.32 0.00	27.21 1.63 0.00	23.66 1.44 0.00	16.24 0.88 0.00	15.67 0.69 0.00	16.93 0.73 0.00	18.53 0.74 0.00	17.94 0.64 0.00	18.37 0.72 0.00	20.10 1.08 0.00	26.03 1.52 0.00	35.24 2.29 0.00	40.20 2.75 0.00	34.97 2.46 0.00	31.36 2.17 0.00	27.52 1.79 0.00	25.76 1.67 0.00	26.33 1.68 0.00	26.73 1.63 0.00

IP___TICONDEROGA 23804	19.29 1.61 0.00	21.53 1.82 0.00	21.43 1.81 0.00	21.21 1.79 0.00	22.28 1.86 0.00	24.21 2.07 0.00	28.23 2.64 0.00	24.65 2.43 0.00	16.76 1.40 0.00	16.03 1.05 0.00	17.30 1.10 0.00	18.95 1.16 0.00	18.35 1.05 0.00	18.80 1.15 0.00	21.01 1.99 0.00	27.06 2.55 0.00	37.00 4.05 0.00	42.29 4.83 0.00	36.94 4.42 0.00	33.14 3.95 0.00	28.88 3.15 0.00	26.98 2.89 0.00	27.36 2.71 0.00	27.71 2.60 0.00
ISLIP_RES_REC 323679	19.05 1.37 0.00	21.01 1.31 0.00	20.77 1.15 0.00	20.53 1.11 0.00	21.59 1.17 0.00	23.43 1.29 0.00	27.02 1.43 0.00	23.19 0.98 0.00	16.19 0.83 0.00	15.92 0.94 0.00	17.17 0.96 0.00	18.78 0.99 0.00	18.37 1.07 0.00	18.93 1.29 0.00	22.36 1.71 -1.64	28.72 2.10 -2.11	35.18 2.23 0.00	40.05 2.59 0.00	34.84 2.32 0.00	31.18 1.99 0.00	27.45 1.73 0.00	25.77 1.68 0.00	26.56 1.91 0.00	26.41 1.31 0.00
JAMAICA__27_KV_LOAD 355505	18.66 0.98 0.00	20.69 0.98 0.00	20.53 0.91 0.00	20.29 0.88 0.00	21.35 0.93 0.00	23.14 1.00 0.00	26.82 1.23 0.00	23.27 1.05 0.00	16.19 0.83 0.00	15.87 0.89 0.00	17.17 0.96 0.00	18.76 0.98 0.00	18.27 0.97 0.00	18.73 1.09 0.00	20.22 1.20 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.36 1.90 0.00	34.29 1.77 0.00	30.75 1.56 0.00	27.07 1.34 0.00	25.42 1.32 0.00	26.10 1.45 0.00	44.06 1.20 -17.76
JANIS___SOLAR 323808	17.96 0.28 0.00	20.07 0.36 0.00	19.98 0.37 0.00	19.82 0.40 0.00	20.94 0.52 0.00	22.70 0.55 0.00	26.34 0.75 0.00	22.88 0.67 0.00	15.63 0.27 0.00	15.10 0.12 0.00	16.25 0.05 0.00	17.84 0.05 0.00	17.30 0.00 0.00	17.63 -0.02 0.00	19.05 0.03 0.00	25.00 0.49 0.00	34.19 1.24 0.00	39.07 1.62 0.00	33.89 1.37 0.00	30.39 1.20 0.00	26.72 1.00 0.00	24.99 0.90 0.00	25.49 0.84 0.00	25.93 0.83 0.00
JARVIS____ 23743	17.71 0.03 0.00	19.74 0.03 0.00	19.66 0.04 0.00	19.46 0.04 0.00	20.46 0.04 0.00	22.17 0.02 0.00	25.63 0.04 0.00	22.25 0.03 0.00	15.37 0.01 0.00	14.99 0.01 0.00	16.22 0.01 0.00	17.79 0.00 0.00	17.30 0.00 0.00	17.65 0.01 0.00	19.05 0.03 0.00	24.56 0.05 0.00	33.04 0.08 0.00	37.58 0.12 0.00	32.64 0.13 0.00	29.29 0.10 0.00	25.80 0.08 0.00	24.17 0.08 0.00	24.71 0.06 0.00	25.15 0.05 0.00
JENNISON___1 23625	17.64 -0.04 0.00	19.75 0.05 0.00	19.65 0.03 0.00	19.59 0.16 0.00	20.76 0.33 0.00	22.44 0.29 0.00	25.97 0.38 0.00	22.63 0.41 0.00	15.69 0.33 0.00	15.37 0.39 0.00	16.61 0.41 0.00	18.23 0.45 0.00	17.68 0.39 0.00	18.00 0.36 0.00	19.43 0.41 0.00	25.40 0.89 0.00	34.44 1.48 0.00	39.21 1.75 0.00	34.05 1.53 0.00	30.54 1.35 0.00	26.87 1.14 0.00	25.15 1.05 0.00	25.61 0.97 0.00	26.03 0.92 0.00
JENNISON___2 23626	17.64 -0.04 0.00	19.75 0.05 0.00	19.65 0.03 0.00	19.59 0.16 0.00	20.76 0.33 0.00	22.44 0.29 0.00	25.97 0.38 0.00	22.63 0.41 0.00	15.69 0.33 0.00	15.37 0.39 0.00	16.61 0.41 0.00	18.23 0.45 0.00	17.68 0.39 0.00	18.00 0.36 0.00	19.43 0.41 0.00	25.40 0.89 0.00	34.44 1.48 0.00	39.21 1.75 0.00	34.05 1.53 0.00	30.54 1.35 0.00	26.87 1.14 0.00	25.15 1.05 0.00	25.61 0.97 0.00	26.03 0.92 0.00
JERICHO_RISE_WT_PWR 323719	17.29 -0.38 0.01	8.34 -0.45 10.91	19.26 -0.36 0.00	19.17 -0.25 0.00	20.29 -0.13 0.00	22.16 0.02 0.00	25.66 0.07 0.00	22.50 0.28 0.00	15.58 0.22 0.00	15.18 0.20 0.00	16.43 0.22 0.00	18.11 0.32 0.00	17.67 0.37 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.77 0.26 0.00	33.50 0.54 0.00	37.81 0.35 0.00	32.79 0.28 0.00	29.56 0.37 0.00	26.22 0.50 0.00	24.44 0.35 0.00	25.01 0.36 0.00	25.55 0.45 0.00
KATONAH___115KV_46KV_TB4 355592	18.55 0.87 0.00	20.56 0.86 0.00	20.42 0.80 0.00	20.20 0.78 0.00	21.25 0.82 0.00	23.05 0.90 0.00	26.68 1.10 0.00	23.15 0.93 0.00	16.10 0.74 0.00	15.77 0.79 0.00	17.06 0.86 0.00	18.68 0.89 0.00	18.20 0.90 0.00	18.65 1.01 0.00	20.13 1.12 0.00	25.84 1.33 0.00	34.58 1.62 0.00	39.36 1.90 0.00	34.26 1.74 0.00	30.71 1.52 0.00	27.02 1.29 0.00	25.34 1.25 0.00	25.93 1.28 0.00	26.19 1.08 0.00
KCE_NY_1 323755	18.55 0.87 0.00	20.68 0.97 0.00	20.58 0.97 0.00	20.37 0.95 0.00	21.39 0.97 0.00	23.21 1.07 0.00	26.87 1.28 0.00	23.33 1.11 0.00	16.04 0.68 0.00	15.52 0.55 0.00	16.77 0.56 0.00	18.36 0.57 0.00	17.82 0.52 0.00	18.23 0.59 0.00	19.86 0.84 0.00	25.73 1.22 0.00	34.75 1.79 0.00	39.61 2.15 0.00	34.43 1.91 0.00	30.88 1.69 0.00	27.15 1.43 0.00	25.43 1.33 0.00	25.98 1.33 0.00	26.41 1.31 0.00
KCE_NY_6_ESR 323823	17.41 -0.27 0.00	19.58 -0.13 0.00	19.49 -0.12 0.00	19.31 -0.11 0.00	20.27 -0.15 0.00	22.02 -0.12 0.00	25.18 -0.40 0.00	21.69 -0.53 0.00	15.01 -0.34 0.00	14.73 -0.24 0.00	15.87 -0.33 0.00	17.57 -0.22 0.00	17.13 -0.16 0.00	17.22 -0.42 0.00	18.30 -0.72 0.00	23.61 -0.90 0.00	31.71 -1.24 0.00	35.70 -1.76 0.00	30.69 -1.83 0.00	27.62 -1.57 0.00	24.18 -1.55 0.00	22.57 -1.52 0.00	23.39 -1.26 0.00	24.17 -0.93 0.00
KEDC_PORT_JEFF_GT2 24210	18.99 1.31 0.00	20.96 1.25 0.00	20.70 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.21 0.00	26.93 1.35 0.00	23.12 0.90 0.00	16.15 0.79 0.00	15.88 0.90 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.04 0.00	18.89 1.25 0.00	22.31 1.65 -1.64	28.63 2.02 -2.11	35.05 2.09 0.00	39.89 2.43 0.00	34.69 2.17 0.00	31.06 1.87 0.00	27.34 1.62 0.00	25.68 1.58 0.00	26.47 1.82 0.00	26.33 1.23 0.00
KEDC_PORT_JEFF_GT3 24211	18.99 1.31 0.00	20.96 1.25 0.00	20.70 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.21 0.00	26.93 1.35 0.00	23.12 0.90 0.00	16.15 0.79 0.00	15.88 0.90 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.04 0.00	18.89 1.25 0.00	22.31 1.65 -1.64	28.63 2.02 -2.11	35.05 2.09 0.00	39.89 2.43 0.00	34.69 2.17 0.00	31.06 1.87 0.00	27.34 1.62 0.00	25.68 1.58 0.00	26.47 1.82 0.00	26.33 1.23 0.00
KEDC_GLWD_GT4 24219	18.73 1.05 0.00	20.72 1.01 0.00	20.53 0.91 0.00	20.30 0.88 0.00	21.35 0.93 0.00	23.17 1.02 0.00	26.79 1.21 0.00	23.13 0.91 0.00	16.12 0.76 0.00	15.85 0.87 0.00	17.12 0.92 0.00	18.75 0.96 0.00	18.29 0.99 0.00	18.78 1.14 0.00	22.01 1.36 -1.64	28.24 1.62 -2.11	34.77 1.81 0.00	39.53 2.07 0.00	34.39 1.88 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.45 1.36 0.00	26.13 1.48 0.00	26.30 1.20 0.00
KEDC_GLWD_GT5 24220	18.73 1.05 0.00	20.72 1.01 0.00	20.53 0.91 0.00	20.30 0.88 0.00	21.35 0.93 0.00	23.17 1.02 0.00	26.79 1.21 0.00	23.13 0.91 0.00	16.12 0.76 0.00	15.85 0.87 0.00	17.12 0.92 0.00	18.75 0.96 0.00	18.29 0.99 0.00	18.78 1.14 0.00	22.01 1.36 -1.64	28.24 1.62 -2.11	34.77 1.81 0.00	39.53 2.07 0.00	34.39 1.88 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.45 1.36 0.00	26.13 1.48 0.00	26.30 1.20 0.00

KENSICO____ 23655	18.50 0.82 0.00	20.50 0.79 0.00	20.35 0.73 0.00	20.13 0.70 0.00	21.18 0.75 0.00	22.97 0.82 0.00	26.58 1.00 0.00	23.05 0.83 0.00	16.03 0.67 0.00	15.70 0.73 0.00	16.99 0.78 0.00	18.60 0.81 0.00	18.13 0.83 0.00	18.59 0.94 0.00	20.06 1.04 0.00	25.74 1.23 0.00	34.42 1.46 0.00	39.15 1.70 0.00	34.08 1.57 0.00	30.56 1.37 0.00	26.89 1.16 0.00	25.22 1.13 0.00	25.82 1.17 0.00	26.08 0.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.58 0.89 0.00	20.60 0.90 0.00	20.47 0.85 0.00	20.24 0.82 0.00	21.31 0.89 0.00	23.11 0.97 0.00	26.78 1.19 0.00	23.22 1.01 0.00	16.11 0.75 0.00	15.72 0.74 0.00	16.97 0.76 0.00	18.56 0.78 0.00	18.06 0.77 0.00	18.52 0.87 0.00	19.99 0.97 0.00	25.76 1.25 0.00	34.63 1.68 0.00	39.48 2.02 0.00	34.36 1.85 0.00	30.81 1.62 0.00	27.10 1.38 0.00	25.42 1.32 0.00	26.00 1.35 0.00	26.25 1.15 0.00
KIAC_JFK_GT1 23816	18.54 0.85 0.00	20.56 0.85 0.00	20.41 0.79 0.00	20.17 0.75 0.00	21.22 0.80 0.00	23.00 0.85 0.00	26.63 1.05 0.00	23.11 0.89 0.00	16.08 0.72 0.00	15.76 0.78 0.00	17.06 0.86 0.00	18.64 0.86 0.00	18.15 0.85 0.00	18.62 0.97 0.00	20.09 1.07 0.00	25.69 1.18 0.00	34.22 1.27 0.00	38.92 1.46 0.00	33.91 1.39 0.00	30.42 1.22 0.00	26.78 1.05 0.00	25.15 1.06 0.00	25.92 1.27 0.00	43.89 1.02 -17.76
KIAC_JFK_GT2 23817	18.54 0.85 0.00	20.56 0.85 0.00	20.41 0.79 0.00	20.17 0.75 0.00	21.22 0.80 0.00	23.00 0.85 0.00	26.63 1.05 0.00	23.11 0.89 0.00	16.08 0.72 0.00	15.76 0.78 0.00	17.06 0.86 0.00	18.64 0.86 0.00	18.15 0.85 0.00	18.62 0.97 0.00	20.09 1.07 0.00	25.69 1.18 0.00	34.22 1.27 0.00	38.92 1.46 0.00	33.91 1.39 0.00	30.42 1.22 0.00	26.78 1.05 0.00	25.15 1.06 0.00	25.92 1.27 0.00	43.89 1.02 -17.76
KIAC_JFK____ 323774	18.54 0.85 0.00	20.56 0.85 0.00	20.41 0.79 0.00	20.17 0.75 0.00	21.22 0.80 0.00	22.99 0.85 0.00	26.63 1.05 0.00	23.11 0.89 0.00	16.08 0.72 0.00	15.76 0.78 0.00	17.06 0.85 0.00	18.64 0.86 0.00	18.15 0.85 0.00	18.62 0.97 0.00	20.09 1.07 0.00	25.69 1.18 0.00	34.22 1.27 0.00	38.92 1.46 0.00	33.91 1.39 0.00	30.42 1.22 0.00	26.77 1.05 0.00	25.15 1.06 0.00	25.92 1.27 0.00	43.89 1.03 -17.76
KINTIGH____ 23543	17.05 -0.63 0.00	19.15 -0.56 0.00	19.09 -0.53 0.00	18.88 -0.54 0.00	19.81 -0.61 0.00	21.48 -0.67 0.00	24.56 -1.03 0.00	21.17 -1.05 0.00	14.67 -0.69 0.00	14.38 -0.59 0.00	15.52 -0.69 0.00	17.17 -0.62 0.00	16.74 -0.56 0.00	16.85 -0.80 0.00	17.94 -1.08 0.00	23.11 -1.40 0.00	31.00 -1.96 0.00	34.93 -2.53 0.00	30.06 -2.46 0.00	27.08 -2.11 0.00	23.78 -1.94 0.00	22.25 -1.85 0.00	23.06 -1.59 0.00	23.80 -1.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.52 -0.15 0.01	9.20 -0.18 10.33	19.53 -0.09 0.00	19.43 0.01 0.00	20.57 0.15 0.00	22.48 0.34 0.00	26.05 0.47 0.00	22.87 0.64 0.00	15.80 0.44 0.00	15.37 0.39 0.00	16.62 0.41 0.00	18.31 0.53 0.00	17.86 0.56 0.00	18.15 0.51 0.00	19.45 0.43 0.00	25.07 0.56 0.00	33.85 0.90 0.00	38.19 0.73 0.00	33.19 0.67 0.00	29.87 0.68 0.00	26.55 0.83 0.00	24.75 0.65 0.00	25.32 0.67 0.00	25.89 0.78 0.00
LACHUTE__HYDRO 323717	19.29 1.61 0.00	21.53 1.82 0.00	21.43 1.81 0.00	21.21 1.79 0.00	22.28 1.86 0.00	24.21 2.07 0.00	28.23 2.64 0.00	24.65 2.43 0.00	16.76 1.40 0.00	16.03 1.05 0.00	17.30 1.10 0.00	18.95 1.16 0.00	18.35 1.05 0.00	18.80 1.15 0.00	21.01 1.99 0.00	27.06 2.55 0.00	37.00 4.05 0.00	42.29 4.83 0.00	36.94 4.42 0.00	33.14 3.95 0.00	28.88 3.15 0.00	26.98 2.89 0.00	27.36 2.71 0.00	27.71 2.60 0.00
LAWRNCAL_115KV_TB1 80681	18.19 0.51 -0.01	27.02 0.58 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.06 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.62 1.11 0.00	35.59 2.63 0.00	40.75 3.29 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.96 0.00	26.41 1.76 0.00	26.86 1.75 0.00
LEDERLE____ 23769	18.50 0.82 0.00	20.49 0.78 0.00	20.35 0.73 0.00	20.13 0.70 0.00	21.19 0.77 0.00	23.00 0.86 0.00	26.65 1.06 0.00	23.09 0.87 0.00	16.05 0.69 0.00	15.70 0.72 0.00	16.98 0.78 0.00	18.59 0.80 0.00	18.11 0.81 0.00	18.59 0.94 0.00	20.06 1.04 0.00	25.75 1.24 0.00	34.46 1.50 0.00	39.20 1.74 0.00	34.11 1.59 0.00	30.57 1.38 0.00	26.89 1.17 0.00	25.23 1.13 0.00	25.83 1.18 0.00	26.10 0.99 0.00
LIGHTHSE_115KV_TB6 355974	17.40 -0.28 0.00	20.19 -0.23 -0.72	19.44 -0.18 0.00	19.20 -0.22 0.00	20.16 -0.26 0.00	21.87 -0.27 0.00	25.33 -0.25 0.00	22.05 -0.17 0.00	15.18 -0.18 0.00	14.73 -0.25 0.00	15.94 -0.26 0.00	17.50 -0.28 0.00	17.02 -0.28 0.00	17.32 -0.32 0.00	18.66 -0.36 0.00	24.25 -0.26 0.00	32.96 0.00 0.00	37.54 0.08 0.00	32.59 0.07 0.00	29.25 0.05 0.00	25.77 0.05 0.00	24.08 -0.01 0.00	24.54 -0.10 0.00	24.93 -0.18 0.00
LINDEN COGEN____ 23786	18.54 0.86 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	23.01 0.87 0.00	26.66 1.07 0.00	23.11 0.89 0.00	16.10 0.74 0.00	15.78 0.80 0.00	17.07 0.86 0.00	18.68 0.90 0.00	18.21 0.92 0.00	18.69 1.05 0.00	20.16 1.15 0.00	25.85 1.34 0.00	34.56 1.60 0.00	39.27 1.81 0.00	34.21 1.69 0.00	30.68 1.48 0.00	26.99 1.26 0.00	25.32 1.22 0.00	25.93 1.28 0.00	43.88 1.01 -17.76
LINDHRST_69_KV_BK1 356055	19.00 1.32 0.00	20.98 1.27 0.00	20.73 1.11 0.00	20.50 1.09 0.00	21.56 1.14 0.00	23.40 1.25 0.00	26.98 1.39 0.00	23.17 0.95 0.00	16.17 0.82 0.00	15.92 0.94 0.00	17.18 0.98 0.00	18.80 1.02 0.00	18.37 1.07 0.00	18.90 1.26 0.00	22.27 1.62 -1.64	28.57 1.95 -2.11	35.01 2.05 0.00	39.85 2.39 0.00	34.68 2.17 0.00	31.07 1.88 0.00	27.35 1.63 0.00	25.69 1.60 0.00	26.50 1.85 0.00	26.51 1.41 0.00
LIPA_MISC_IPP 23656	18.93 1.25 0.00	20.89 1.18 0.00	20.64 1.02 0.00	20.41 0.99 0.00	21.46 1.04 0.00	23.29 1.14 0.00	26.85 1.27 0.00	23.05 0.83 0.00	16.09 0.73 0.00	15.81 0.83 0.00	17.04 0.84 0.00	18.64 0.86 0.00	18.26 0.96 0.00	18.84 1.19 0.00	22.28 1.62 -1.64	28.61 2.00 -2.11	34.99 2.04 0.00	39.83 2.37 0.00	34.63 2.11 0.00	31.00 1.81 0.00	27.31 1.59 0.00	25.65 1.56 0.00	26.43 1.78 0.00	26.07 0.96 0.00
LISF__SOLAR 323691	18.97 1.29 0.00	20.93 1.22 0.00	20.67 1.05 0.00	20.44 1.02 0.00	21.49 1.07 0.00	23.32 1.17 0.00	26.88 1.30 0.00	23.08 0.86 0.00	16.10 0.74 0.00	15.81 0.84 0.00	17.05 0.84 0.00	18.65 0.86 0.00	18.26 0.97 0.00	18.84 1.20 0.00	22.29 1.64 -1.64	28.65 2.03 -2.11	35.06 2.11 0.00	39.91 2.45 0.00	34.70 2.18 0.00	31.06 1.87 0.00	27.36 1.64 0.00	25.70 1.61 0.00	26.48 1.83 0.00	26.11 1.01 0.00

LITTLE FALLS___HYD 24013	17.60 -0.08 0.00	19.60 -0.11 0.00	19.52 -0.10 0.00	19.38 -0.04 0.00	20.36 -0.07 0.00	22.08 -0.06 0.00	25.57 -0.01 0.00	22.21 -0.01 0.00	15.15 -0.21 0.00	14.63 -0.35 0.00	15.79 -0.42 0.00	17.23 -0.56 0.00	16.69 -0.60 0.00	17.09 -0.55 0.00	18.62 -0.40 0.00	24.44 -0.07 0.00	33.15 0.19 0.00	37.99 0.53 0.00	33.06 0.54 0.00	29.65 0.46 0.00	26.10 0.37 0.00	24.54 0.44 0.00	25.05 0.40 0.00	25.49 0.38 0.00
LITTLRIV_115KV_TB1 356100	18.54 0.86 -0.01	27.41 0.97 -6.73	20.74 1.12 0.00	20.54 1.12 0.00	21.68 1.26 0.00	23.67 1.53 0.00	27.75 2.17 0.00	24.34 2.12 0.00	16.37 1.01 0.00	15.68 0.70 0.00	16.91 0.70 0.00	18.62 0.84 0.00	18.16 0.86 0.00	18.45 0.80 0.00	19.81 0.79 0.00	25.93 1.42 0.00	36.28 3.33 0.00	41.68 4.22 0.00	36.21 3.70 0.00	32.52 3.33 0.00	28.65 2.92 0.00	26.60 2.51 0.00	26.94 2.29 0.00	27.38 2.27 0.00
LI_NEWBRDGE___DRP 323616	18.71 1.03 0.00	20.67 0.97 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.08 0.93 0.00	26.64 1.06 0.00	22.92 0.70 0.00	15.99 0.63 0.00	15.76 0.79 0.00	17.02 0.81 0.00	18.62 0.84 0.00	18.19 0.89 0.00	18.71 1.06 0.00	22.01 1.35 -1.64	28.21 1.60 -2.11	34.59 1.63 0.00	39.31 1.85 0.00	34.20 1.68 0.00	30.64 1.45 0.00	26.96 1.24 0.00	25.32 1.22 0.00	26.06 1.42 0.00	26.16 1.06 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.21 -0.48 0.00	19.37 -0.33 0.00	19.30 -0.32 0.00	19.10 -0.33 0.00	20.02 -0.40 0.00	21.71 -0.43 0.00	24.75 -0.84 0.00	21.20 -1.02 0.00	14.70 -0.66 0.00	14.40 -0.58 0.00	15.49 -0.71 0.00	17.17 -0.62 0.00	16.73 -0.57 0.00	16.77 -0.88 0.00	17.81 -1.21 0.00	22.98 -1.53 0.00	30.92 -2.04 0.00	34.76 -2.70 0.00	29.87 -2.65 0.00	26.97 -2.23 0.00	23.65 -2.08 0.00	22.10 -2.00 0.00	23.01 -1.64 0.00	23.78 -1.33 0.00
LOCKPORT___CC1 323769	17.18 -0.50 0.00	19.34 -0.37 0.00	19.28 -0.34 0.00	19.07 -0.35 0.00	19.99 -0.43 0.00	21.69 -0.45 0.00	24.72 -0.87 0.00	21.21 -1.01 0.00	14.69 -0.67 0.00	14.40 -0.57 0.00	15.51 -0.70 0.00	17.19 -0.60 0.00	16.74 -0.55 0.00	16.79 -0.86 0.00	17.82 -1.20 0.00	22.99 -1.52 0.00	30.91 -2.04 0.00	34.76 -2.70 0.00	29.87 -2.65 0.00	26.95 -2.25 0.00	23.64 -2.09 0.00	22.09 -2.01 0.00	22.99 -1.66 0.00	23.77 -1.34 0.00
LOCKPORT___CC2 323770	17.18 -0.50 0.00	19.34 -0.37 0.00	19.28 -0.34 0.00	19.07 -0.35 0.00	19.99 -0.43 0.00	21.69 -0.45 0.00	24.72 -0.87 0.00	21.21 -1.01 0.00	14.69 -0.67 0.00	14.40 -0.57 0.00	15.51 -0.70 0.00	17.19 -0.60 0.00	16.74 -0.55 0.00	16.79 -0.86 0.00	17.82 -1.20 0.00	22.99 -1.52 0.00	30.91 -2.04 0.00	34.76 -2.70 0.00	29.87 -2.65 0.00	26.95 -2.25 0.00	23.64 -2.09 0.00	22.09 -2.01 0.00	22.99 -1.66 0.00	23.77 -1.34 0.00
LOCKPORT___CC3 323771	17.18 -0.50 0.00	19.34 -0.37 0.00	19.28 -0.34 0.00	19.07 -0.35 0.00	19.99 -0.43 0.00	21.69 -0.45 0.00	24.72 -0.87 0.00	21.21 -1.01 0.00	14.69 -0.67 0.00	14.40 -0.57 0.00	15.51 -0.70 0.00	17.19 -0.60 0.00	16.74 -0.55 0.00	16.79 -0.86 0.00	17.82 -1.20 0.00	22.99 -1.52 0.00	30.91 -2.04 0.00	34.76 -2.70 0.00	29.87 -2.65 0.00	26.95 -2.25 0.00	23.64 -2.09 0.00	22.09 -2.01 0.00	22.99 -1.66 0.00	23.77 -1.34 0.00
LONG_LAKE_PHOENIX 24014	17.33 -0.35 0.00	19.34 -0.37 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	20.04 -0.39 0.00	21.72 -0.43 0.00	25.06 -0.52 0.00	21.77 -0.45 0.00	15.03 -0.33 0.00	14.63 -0.35 0.00	15.81 -0.40 0.00	17.35 -0.43 0.00	16.86 -0.43 0.00	17.19 -0.46 0.00	18.51 -0.51 0.00	23.93 -0.58 0.00	32.27 -0.69 0.00	36.72 -0.74 0.00	31.84 -0.68 0.00	28.57 -0.62 0.00	25.15 -0.57 0.00	23.56 -0.53 0.00	24.10 -0.55 0.00	24.55 -0.56 0.00
LOVETT___3 23632	18.42 0.74 0.00	20.40 0.69 0.00	20.27 0.65 0.00	20.04 0.62 0.00	21.10 0.67 0.00	22.89 0.75 0.00	26.50 0.92 0.00	22.98 0.76 0.00	15.97 0.61 0.00	15.63 0.65 0.00	16.90 0.70 0.00	18.50 0.72 0.00	18.03 0.73 0.00	18.50 0.86 0.00	19.96 0.94 0.00	25.62 1.11 0.00	34.27 1.31 0.00	38.98 1.53 0.00	33.92 1.40 0.00	30.41 1.22 0.00	26.76 1.03 0.00	25.11 1.01 0.00	25.70 1.06 0.00	25.97 0.87 0.00
LOVETT___4 23642	18.42 0.74 0.00	20.40 0.69 0.00	20.27 0.65 0.00	20.04 0.62 0.00	21.10 0.67 0.00	22.89 0.75 0.00	26.50 0.92 0.00	22.98 0.76 0.00	15.97 0.61 0.00	15.63 0.65 0.00	16.90 0.70 0.00	18.50 0.72 0.00	18.03 0.73 0.00	18.50 0.86 0.00	19.96 0.94 0.00	25.62 1.11 0.00	34.27 1.31 0.00	38.98 1.53 0.00	33.92 1.40 0.00	30.41 1.22 0.00	26.76 1.03 0.00	25.11 1.01 0.00	25.70 1.06 0.00	25.97 0.87 0.00
LOVETT___5 23593	18.42 0.74 0.00	20.40 0.69 0.00	20.27 0.65 0.00	20.04 0.62 0.00	21.10 0.67 0.00	22.89 0.75 0.00	26.50 0.92 0.00	22.98 0.76 0.00	15.97 0.61 0.00	15.63 0.65 0.00	16.90 0.70 0.00	18.50 0.72 0.00	18.03 0.73 0.00	18.50 0.86 0.00	19.96 0.94 0.00	25.62 1.11 0.00	34.27 1.31 0.00	38.98 1.53 0.00	33.92 1.40 0.00	30.41 1.22 0.00	26.76 1.03 0.00	25.11 1.01 0.00	25.70 1.06 0.00	25.97 0.87 0.00
LOWER RAQUET___HYD 24057	18.19 0.51 -0.01	27.02 0.59 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.07 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.61 1.11 0.00	35.58 2.63 0.00	40.75 3.30 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.97 0.00	26.41 1.77 0.00	26.86 1.75 0.00
LOWER___HUDSON 24059	18.24 0.56 0.00	20.33 0.62 0.00	20.23 0.62 0.00	20.03 0.61 0.00	21.02 0.59 0.00	22.79 0.64 0.00	26.36 0.78 0.00	22.90 0.68 0.00	15.79 0.43 0.00	15.33 0.35 0.00	16.55 0.34 0.00	18.11 0.33 0.00	17.59 0.30 0.00	18.00 0.36 0.00	19.59 0.57 0.00	25.28 0.77 0.00	34.02 1.07 0.00	38.79 1.33 0.00	33.73 1.22 0.00	30.26 1.07 0.00	26.64 0.92 0.00	24.97 0.88 0.00	25.51 0.87 0.00	25.98 0.88 0.00
LOWVILLE_115KV_TB2 356335	17.61 -0.07 0.00	21.61 -0.01 -1.92	19.82 0.20 0.00	19.55 0.13 0.00	20.55 0.13 0.00	22.35 0.20 0.00	26.21 0.62 0.00	22.94 0.72 0.00	15.68 0.32 0.00	15.16 0.18 0.00	16.40 0.19 0.00	18.00 0.22 0.00	17.52 0.22 0.00	17.80 0.16 0.00	19.20 0.18 0.00	25.13 0.62 0.00	34.66 1.71 0.00	39.64 2.19 0.00	34.45 1.93 0.00	30.89 1.70 0.00	27.18 1.45 0.00	25.31 1.22 0.00	25.59 0.94 0.00	25.90 0.80 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.55 0.86 0.00	20.67 0.96 0.00	20.57 0.95 0.00	20.36 0.94 0.00	21.39 0.96 0.00	23.20 1.05 0.00	26.86 1.27 0.00	23.32 1.10 0.00	16.03 0.67 0.00	15.51 0.54 0.00	16.76 0.56 0.00	18.35 0.57 0.00	17.80 0.51 0.00	18.22 0.58 0.00	19.85 0.83 0.00	25.71 1.20 0.00	34.73 1.78 0.00	39.58 2.12 0.00	34.41 1.89 0.00	30.86 1.67 0.00	27.13 1.41 0.00	25.41 1.32 0.00	25.96 1.31 0.00	26.40 1.29 0.00

LUTHERNY_35_KV_BK2 355980	18.55 0.87 0.00	20.68 0.97 0.00	20.58 0.97 0.00	20.37 0.95 0.00	21.39 0.97 0.00	23.21 1.07 0.00	26.87 1.28 0.00	23.33 1.11 0.00	16.04 0.68 0.00	15.52 0.55 0.00	16.77 0.56 0.00	18.36 0.58 0.00	17.82 0.52 0.00	18.23 0.59 0.00	19.86 0.84 0.00	25.73 1.22 0.00	34.75 1.80 0.00	39.61 2.16 0.00	34.43 1.91 0.00	30.88 1.69 0.00	27.15 1.43 0.00	25.43 1.33 0.00	25.98 1.33 0.00	26.41 1.31 0.00
LWR___OSWEGATCHIE_HYD 23850	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.37 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
LYONS_FALL_HYD 23570	17.77 0.08 0.00	21.11 0.14 -1.27	19.89 0.27 0.00	19.65 0.23 0.00	20.67 0.25 0.00	22.47 0.32 0.00	26.21 0.62 0.00	22.87 0.65 0.00	15.67 0.31 0.00	15.18 0.20 0.00	16.42 0.21 0.00	18.02 0.23 0.00	17.52 0.23 0.00	17.83 0.18 0.00	19.24 0.22 0.00	25.09 0.58 0.00	34.34 1.38 0.00	39.21 1.75 0.00	34.05 1.54 0.00	30.54 1.35 0.00	26.87 1.15 0.00	25.07 0.98 0.00	25.44 0.79 0.00	25.81 0.70 0.00
MADISON___COUNTY_LFGE 323628	17.98 0.30 0.00	20.43 0.34 -0.38	19.99 0.38 0.00	19.82 0.40 0.00	20.91 0.48 0.00	22.69 0.54 0.00	26.29 0.70 0.00	22.83 0.61 0.00	15.66 0.31 0.00	15.18 0.21 0.00	16.40 0.20 0.00	17.98 0.19 0.00	17.47 0.17 0.00	17.80 0.15 0.00	19.20 0.18 0.00	24.94 0.43 0.00	33.85 0.90 0.00	38.61 1.15 0.00	33.50 0.98 0.00	30.03 0.84 0.00	26.43 0.70 0.00	24.73 0.63 0.00	25.22 0.57 0.00	25.65 0.54 0.00
MALONE___115KV_TB1 356076	17.77 0.08 -0.01	31.99 0.07 -12.20	19.78 0.17 0.00	19.66 0.24 0.00	20.79 0.37 0.00	22.72 0.57 0.00	26.39 0.81 0.00	23.16 0.94 0.00	15.94 0.59 0.00	15.48 0.50 0.00	16.71 0.51 0.00	18.43 0.65 0.00	17.97 0.67 0.00	18.25 0.60 0.00	19.56 0.54 0.00	25.31 0.80 0.00	34.50 1.55 0.00	39.14 1.68 0.00	33.97 1.45 0.00	30.60 1.41 0.00	27.08 1.36 0.00	25.21 1.12 0.00	25.72 1.07 0.00	26.23 1.12 0.00
MAPLEWOD_115KV_TB3 80458	18.09 0.41 0.00	20.15 0.45 0.00	20.06 0.44 0.00	19.87 0.45 0.00	20.84 0.42 0.00	22.61 0.46 0.00	26.14 0.55 0.00	22.70 0.48 0.00	15.66 0.30 0.00	15.24 0.26 0.00	16.48 0.27 0.00	18.03 0.24 0.00	17.53 0.23 0.00	17.93 0.28 0.00	19.46 0.45 0.00	25.09 0.58 0.00	33.75 0.79 0.00	38.47 1.01 0.00	33.44 0.92 0.00	30.01 0.82 0.00	26.41 0.68 0.00	24.77 0.67 0.00	25.30 0.65 0.00	25.82 0.72 0.00
MAPLE_RIDGE_WT_1 323574	17.27 -0.41 0.00	18.95 -0.39 0.36	19.36 -0.26 0.00	19.16 -0.26 0.00	20.13 -0.29 0.00	21.86 -0.29 0.00	25.33 -0.25 0.00	22.07 -0.15 0.00	15.25 -0.11 0.00	14.95 -0.03 0.00	16.22 0.01 0.00	17.82 0.04 0.00	17.35 0.05 0.00	17.67 0.02 0.00	19.02 0.00 0.00	24.48 -0.03 0.00	32.95 -0.01 0.00	37.40 -0.06 0.00	32.45 -0.07 0.00	29.16 -0.03 0.00	25.74 0.01 0.00	24.04 -0.06 0.00	24.40 -0.25 0.00	24.81 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	17.27 -0.41 0.00	18.95 -0.39 0.36	19.36 -0.26 0.00	19.16 -0.26 0.00	20.13 -0.29 0.00	21.86 -0.29 0.00	25.33 -0.25 0.00	22.07 -0.15 0.00	15.25 -0.11 0.00	14.95 -0.03 0.00	16.22 0.01 0.00	17.82 0.04 0.00	17.35 0.05 0.00	17.67 0.02 0.00	19.02 0.00 0.00	24.48 -0.03 0.00	32.95 -0.01 0.00	37.40 -0.06 0.00	32.45 -0.07 0.00	29.16 -0.03 0.00	25.74 0.01 0.00	24.04 -0.06 0.00	24.40 -0.25 0.00	24.81 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	17.28 -0.40 0.01	9.11 -0.47 10.13	19.23 -0.39 0.00	19.15 -0.27 0.00	20.28 -0.15 0.00	22.14 -0.01 0.00	25.62 0.04 0.00	22.48 0.26 0.00	15.56 0.21 0.00	15.16 0.19 0.00	16.41 0.21 0.00	18.09 0.30 0.00	17.64 0.35 0.00	17.94 0.29 0.00	19.23 0.21 0.00	24.76 0.24 0.00	33.43 0.47 0.00	37.72 0.26 0.00	32.73 0.21 0.00	29.49 0.30 0.00	26.17 0.44 0.00	24.41 0.32 0.00	24.97 0.32 0.00	25.52 0.42 0.00
MARSHVLE_115KV_TB1 80742	18.61 0.93 0.00	20.81 1.11 0.00	20.76 1.14 0.00	20.55 1.13 0.00	21.66 1.24 0.00	23.51 1.37 0.00	27.17 1.59 0.00	23.50 1.28 0.00	16.00 0.64 0.00	15.45 0.47 0.00	16.74 0.53 0.00	18.41 0.63 0.00	17.88 0.58 0.00	18.15 0.51 0.00	19.56 0.54 0.00	25.65 1.14 0.00	35.03 2.08 0.00	39.91 2.45 0.00	34.61 2.10 0.00	31.02 1.83 0.00	27.34 1.62 0.00	25.59 1.49 0.00	26.17 1.52 0.00	26.57 1.47 0.00
MARSH_HILL_WT_PWR 323713	17.08 -0.60 0.00	19.14 -0.57 0.00	19.14 -0.47 0.00	18.97 -0.44 0.00	20.08 -0.34 0.00	22.04 -0.11 0.00	25.40 -0.18 0.00	22.05 -0.17 0.00	15.10 -0.26 0.00	14.70 -0.27 0.00	15.83 -0.37 0.00	17.49 -0.29 0.00	17.02 -0.28 0.00	17.23 -0.41 0.00	18.39 -0.63 0.00	23.98 -0.53 0.00	32.53 -0.42 0.00	36.85 -0.61 0.00	31.61 -0.91 0.00	28.18 -1.02 0.00	24.41 -1.31 0.00	22.56 -1.54 0.00	22.94 -1.71 0.00	23.30 -1.81 0.00
MCINTYRE_115KV_TB2 80467	18.83 1.14 -0.01	27.72 1.29 -6.73	21.05 1.43 0.00	20.85 1.43 0.00	22.02 1.60 0.00	24.05 1.91 0.00	28.22 2.63 0.00	24.75 2.53 0.00	16.53 1.17 0.00	15.76 0.79 0.00	16.99 0.79 0.00	18.72 0.93 0.00	18.25 0.96 0.00	18.54 0.90 0.00	19.91 0.89 0.00	26.10 1.59 0.00	36.81 3.85 0.00	42.42 4.96 0.00	36.86 4.35 0.00	33.09 3.90 0.00	29.13 3.41 0.00	27.04 2.95 0.00	27.37 2.72 0.00	27.79 2.69 0.00
MECO_____69_KV_BK1 80468	18.77 1.09 0.00	20.96 1.25 0.00	20.87 1.25 0.00	20.67 1.24 0.00	21.76 1.34 0.00	23.62 1.47 0.00	27.34 1.75 0.00	23.64 1.42 0.00	15.97 0.61 0.00	15.28 0.30 0.00	16.52 0.31 0.00	18.13 0.35 0.00	17.59 0.30 0.00	17.91 0.27 0.00	19.39 0.37 0.00	25.61 1.10 0.00	35.29 2.33 0.00	40.34 2.89 0.00	35.00 2.49 0.00	31.37 2.19 0.00	27.61 1.88 0.00	25.82 1.73 0.00	26.37 1.72 0.00	26.77 1.67 0.00
MENANDS___115KV_TB5 355628	17.97 0.29 0.00	20.02 0.31 0.00	19.93 0.31 0.00	19.74 0.32 0.00	20.71 0.28 0.00	22.45 0.30 0.00	25.96 0.38 0.00	22.54 0.32 0.00	15.57 0.21 0.00	15.17 0.19 0.00	16.41 0.20 0.00	17.95 0.17 0.00	17.46 0.16 0.00	17.85 0.20 0.00	19.37 0.35 0.00	24.94 0.43 0.00	33.50 0.54 0.00	38.17 0.72 0.00	33.19 0.68 0.00	29.78 0.59 0.00	26.22 0.50 0.00	24.59 0.50 0.00	25.12 0.47 0.00	25.68 0.58 0.00
MG INDUSTRY___DRP 24185	18.01 0.33 0.00	20.06 0.34 0.00	19.96 0.35 0.00	19.77 0.35 0.00	20.75 0.33 0.00	22.49 0.35 0.00	25.99 0.41 0.00	22.56 0.34 0.00	15.52 0.16 0.00	15.10 0.13 0.00	16.35 0.14 0.00	17.92 0.13 0.00	17.41 0.11 0.00	17.78 0.13 0.00	19.25 0.23 0.00	24.92 0.41 0.00	33.52 0.57 0.00	38.19 0.73 0.00	33.19 0.68 0.00	29.78 0.59 0.00	26.22 0.49 0.00	24.59 0.50 0.00	25.12 0.47 0.00	25.66 0.56 0.00

MID___OSWEGATCHIE_HYD 23849	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.37 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
MID___RAQUETTE_HYD 23851	18.19 0.51 -0.01	27.02 0.58 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.06 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.62 1.11 0.00	35.59 2.63 0.00	40.75 3.29 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.96 0.00	26.41 1.76 0.00	26.86 1.75 0.00
MILLIKEN___1 23584	17.82 0.14 0.00	19.89 0.18 0.00	19.78 0.16 0.00	19.59 0.16 0.00	20.64 0.22 0.00	22.39 0.24 0.00	25.92 0.33 0.00	22.51 0.29 0.00	15.47 0.12 0.00	15.02 0.04 0.00	16.19 -0.02 0.00	17.75 -0.03 0.00	17.26 -0.04 0.00	17.58 -0.06 0.00	18.97 -0.05 0.00	24.65 0.14 0.00	33.37 0.42 0.00	38.00 0.54 0.00	32.95 0.44 0.00	29.52 0.33 0.00	25.98 0.26 0.00	24.32 0.23 0.00	24.85 0.20 0.00	25.32 0.22 0.00
MILLIKEN___2 23585	17.82 0.14 0.00	19.89 0.18 0.00	19.78 0.16 0.00	19.59 0.16 0.00	20.64 0.22 0.00	22.39 0.24 0.00	25.92 0.33 0.00	22.51 0.29 0.00	15.47 0.12 0.00	15.02 0.04 0.00	16.19 -0.02 0.00	17.75 -0.03 0.00	17.26 -0.04 0.00	17.58 -0.06 0.00	18.97 -0.05 0.00	24.65 0.14 0.00	33.37 0.42 0.00	38.00 0.54 0.00	32.95 0.44 0.00	29.52 0.33 0.00	25.98 0.26 0.00	24.32 0.23 0.00	24.85 0.20 0.00	25.32 0.22 0.00
MILLIKEN___DIESEL 23629	17.82 0.14 0.00	19.89 0.18 0.00	19.78 0.16 0.00	19.59 0.16 0.00	20.64 0.22 0.00	22.39 0.24 0.00	25.92 0.33 0.00	22.51 0.29 0.00	15.47 0.12 0.00	15.02 0.04 0.00	16.19 -0.02 0.00	17.75 -0.03 0.00	17.26 -0.04 0.00	17.58 -0.06 0.00	18.97 -0.05 0.00	24.65 0.14 0.00	33.37 0.42 0.00	38.00 0.54 0.00	32.95 0.44 0.00	29.52 0.33 0.00	25.98 0.26 0.00	24.32 0.23 0.00	24.85 0.20 0.00	25.32 0.22 0.00
MILLSEAT___LFGE 323607	17.49 -0.19 0.00	19.66 -0.05 0.00	19.59 -0.03 0.00	19.37 -0.05 0.00	20.32 -0.10 0.00	22.07 -0.07 0.00	25.20 -0.38 0.00	21.65 -0.57 0.00	14.95 -0.41 0.00	14.59 -0.39 0.00	15.67 -0.54 0.00	17.34 -0.45 0.00	16.87 -0.43 0.00	16.94 -0.70 0.00	18.04 -0.98 0.00	23.38 -1.13 0.00	31.62 -1.34 0.00	35.70 -1.76 0.00	30.71 -1.81 0.00	27.69 -1.51 0.00	24.28 -1.44 0.00	22.68 -1.42 0.00	23.54 -1.11 0.00	24.26 -0.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.46 0.78 0.00	20.46 0.75 0.00	20.31 0.70 0.00	20.09 0.67 0.00	21.14 0.72 0.00	22.93 0.79 0.00	26.55 0.96 0.00	23.02 0.80 0.00	16.01 0.65 0.00	15.67 0.70 0.00	16.95 0.75 0.00	18.56 0.77 0.00	18.08 0.79 0.00	18.55 0.91 0.00	20.02 1.00 0.00	25.69 1.18 0.00	34.36 1.40 0.00	39.09 1.63 0.00	34.02 1.50 0.00	30.50 1.31 0.00	26.83 1.11 0.00	25.17 1.08 0.00	25.77 1.12 0.00	26.03 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	18.49 0.81 0.00	20.48 0.77 0.00	20.34 0.72 0.00	20.12 0.69 0.00	21.17 0.74 0.00	22.96 0.82 0.00	26.58 0.99 0.00	23.05 0.83 0.00	16.02 0.67 0.00	15.69 0.72 0.00	16.98 0.77 0.00	18.58 0.80 0.00	18.11 0.81 0.00	18.57 0.93 0.00	20.04 1.03 0.00	25.72 1.22 0.00	34.41 1.46 0.00	39.15 1.69 0.00	34.08 1.56 0.00	30.55 1.36 0.00	26.88 1.15 0.00	25.21 1.11 0.00	25.81 1.16 0.00	26.07 0.97 0.00
MODEL_CITY_ENERGY 24167	17.06 -0.62 0.00	19.21 -0.49 0.00	19.14 -0.47 0.00	18.94 -0.48 0.00	19.85 -0.57 0.00	21.54 -0.60 0.00	24.51 -1.08 0.00	20.96 -1.26 0.00	14.53 -0.83 0.00	14.25 -0.73 0.00	15.34 -0.87 0.00	17.00 -0.79 0.00	16.57 -0.73 0.00	16.60 -1.04 0.00	17.62 -1.40 0.00	22.72 -1.78 0.00	30.55 -2.41 0.00	34.31 -3.15 0.00	29.48 -3.04 0.00	26.61 -2.58 0.00	23.36 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.52 -1.59 0.00
MODERN_LFGE___ 323580	17.06 -0.62 0.00	19.21 -0.49 0.00	19.14 -0.47 0.00	18.94 -0.48 0.00	19.85 -0.57 0.00	21.54 -0.60 0.00	24.51 -1.08 0.00	20.96 -1.26 0.00	14.53 -0.83 0.00	14.25 -0.73 0.00	15.34 -0.87 0.00	17.00 -0.79 0.00	16.57 -0.73 0.00	16.60 -1.04 0.00	17.62 -1.40 0.00	22.72 -1.78 0.00	30.55 -2.41 0.00	34.31 -3.15 0.00	29.48 -3.04 0.00	26.61 -2.58 0.00	23.36 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.52 -1.59 0.00
MOHAWK_PAPER___DRP 24187	18.09 0.41 0.00	20.15 0.45 0.00	20.06 0.44 0.00	19.87 0.45 0.00	20.84 0.42 0.00	22.61 0.46 0.00	26.14 0.55 0.00	22.70 0.48 0.00	15.66 0.30 0.00	15.24 0.26 0.00	16.48 0.27 0.00	18.03 0.24 0.00	17.53 0.23 0.00	17.93 0.28 0.00	19.46 0.45 0.00	25.09 0.58 0.00	33.75 0.79 0.00	38.47 1.01 0.00	33.44 0.92 0.00	30.01 0.82 0.00	26.41 0.68 0.00	24.77 0.67 0.00	25.30 0.65 0.00	25.82 0.72 0.00
MOHICAN___35_KV_115KV_LD 80490	18.79 1.10 0.00	20.95 1.24 0.00	20.84 1.23 0.00	20.63 1.21 0.00	21.68 1.25 0.00	23.53 1.38 0.00	27.28 1.70 0.00	23.72 1.50 0.00	16.27 0.92 0.00	15.69 0.72 0.00	16.95 0.74 0.00	18.55 0.76 0.00	17.97 0.67 0.00	18.40 0.76 0.00	20.17 1.15 0.00	26.12 1.62 0.00	35.39 2.44 0.00	40.37 2.92 0.00	35.12 2.60 0.00	31.50 2.31 0.00	27.63 1.90 0.00	25.86 1.76 0.00	26.40 1.75 0.00	26.81 1.70 0.00
MONGAUP___HYD 23641	18.55 0.86 0.00	20.57 0.86 0.00	20.44 0.82 0.00	20.21 0.79 0.00	21.27 0.85 0.00	23.09 0.95 0.00	26.76 1.17 0.00	23.20 0.98 0.00	15.99 0.64 0.00	15.51 0.53 0.00	16.73 0.53 0.00	18.32 0.53 0.00	17.83 0.53 0.00	18.27 0.63 0.00	19.72 0.70 0.00	25.52 1.01 0.00	34.53 1.58 0.00	39.46 1.99 0.00	34.33 1.82 0.00	30.77 1.58 0.00	27.06 1.34 0.00	25.37 1.28 0.00	25.93 1.28 0.00	26.23 1.13 0.00
MONTAUK___DIESEL 23721	18.48 0.80 0.00	20.36 0.65 0.00	20.11 0.49 0.00	19.89 0.47 0.00	20.92 0.49 0.00	22.72 0.58 0.00	26.24 0.65 0.00	22.56 0.34 0.00	15.73 0.37 0.00	15.46 0.49 0.00	16.67 0.47 0.00	18.35 0.57 0.00	18.20 0.90 0.00	18.90 1.26 0.00	22.63 1.98 -1.64	29.12 2.50 -2.11	35.48 2.52 0.00	40.18 2.73 0.00	34.73 2.22 0.00	31.00 1.81 0.00	27.36 1.64 0.00	25.91 1.82 0.00	26.66 2.02 0.00	26.30 1.20 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.61 -0.07 0.00	19.65 -0.06 0.00	19.63 0.01 0.00	19.46 0.04 0.00	20.45 0.02 0.00	22.25 0.10 0.00	25.61 0.02 0.00	22.12 -0.10 0.00	15.36 0.00 0.00	15.14 0.16 0.00	16.29 0.08 0.00	18.03 0.24 0.00	17.57 0.27 0.00	17.68 0.04 0.00	18.80 -0.22 0.00	24.28 -0.23 0.00	32.68 -0.28 0.00	36.80 -0.66 0.00	31.53 -0.99 0.00	28.12 -1.07 0.00	24.16 -1.57 0.00	22.44 -1.66 0.00	23.09 -1.56 0.00	23.91 -1.19 0.00

MORRIS_RIDGE___SOLAR 323848	17.18 -0.50 0.00	19.27 -0.44 0.00	19.23 -0.39 0.00	19.06 -0.36 0.00	20.11 -0.31 0.00	21.93 -0.21 0.00	25.21 -0.37 0.00	21.81 -0.41 0.00	14.94 -0.42 0.00	14.54 -0.43 0.00	15.67 -0.53 0.00	17.34 -0.45 0.00	16.88 -0.42 0.00	17.08 -0.57 0.00	18.19 -0.82 0.00	23.70 -0.81 0.00	32.09 -0.87 0.00	36.27 -1.19 0.00	31.20 -1.32 0.00	27.92 -1.27 0.00	24.34 -1.38 0.00	22.60 -1.49 0.00	23.16 -1.49 0.00	23.72 -1.39 0.00
MORTIMER_115KV_TB3 55949	17.32 -0.37 0.00	19.40 -0.30 0.00	19.33 -0.29 0.00	19.12 -0.30 0.00	20.07 -0.35 0.00	21.78 -0.36 0.00	25.00 -0.58 0.00	21.62 -0.60 0.00	14.94 -0.42 0.00	14.59 -0.39 0.00	15.75 -0.46 0.00	17.37 -0.41 0.00	16.92 -0.37 0.00	17.10 -0.55 0.00	18.29 -0.73 0.00	23.63 -0.88 0.00	31.85 -1.11 0.00	36.05 -1.41 0.00	31.11 -1.41 0.00	27.98 -1.21 0.00	24.58 -1.15 0.00	22.98 -1.11 0.00	23.70 -0.95 0.00	24.33 -0.77 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.22 0.80 0.00	21.27 0.85 0.00	23.06 0.92 0.00	26.70 1.12 0.00	23.16 0.94 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.10 0.89 0.00	18.71 0.93 0.00	18.24 0.94 0.00	18.71 1.06 0.00	20.18 1.17 0.00	25.87 1.37 0.00	34.58 1.63 0.00	39.32 1.87 0.00	34.24 1.72 0.00	30.70 1.51 0.00	27.01 1.29 0.00	25.33 1.23 0.00	25.94 1.30 0.00	43.93 1.06 -17.76
MUNSVILLE_WIND_PWR 323609	18.06 0.37 0.00	20.21 0.50 0.00	20.16 0.54 0.00	20.03 0.61 0.00	21.21 0.79 0.00	22.95 0.80 0.00	26.76 1.18 0.00	23.32 1.11 0.00	15.99 0.63 0.00	15.54 0.56 0.00	16.76 0.55 0.00	18.39 0.61 0.00	17.79 0.49 0.00	18.10 0.46 0.00	19.57 0.55 0.00	25.85 1.34 0.00	35.31 2.35 0.00	40.32 2.85 0.00	34.97 2.45 0.00	31.37 2.18 0.00	27.58 1.85 0.00	25.80 1.70 0.00	26.26 1.61 0.00	26.66 1.55 0.00
N SALMON___HYD 24042	17.77 0.08 -0.01	31.99 0.07 -12.20	19.78 0.17 0.00	19.66 0.24 0.00	20.79 0.37 0.00	22.72 0.57 0.00	26.39 0.80 0.00	23.16 0.94 0.00	15.94 0.59 0.00	15.48 0.50 0.00	16.71 0.51 0.00	18.43 0.65 0.00	17.97 0.67 0.00	18.25 0.60 0.00	19.56 0.53 0.00	25.31 0.80 0.00	34.51 1.55 0.00	39.14 1.68 0.00	33.97 1.45 0.00	30.60 1.41 0.00	27.08 1.36 0.00	25.21 1.12 0.00	25.72 1.07 0.00	26.23 1.12 0.00
N.AKRON__115KV_KNAPP 355671	17.42 -0.26 0.00	19.60 -0.11 0.00	19.53 -0.09 0.00	19.31 -0.11 0.00	20.26 -0.17 0.00	21.98 -0.16 0.00	25.09 -0.49 0.00	21.53 -0.69 0.00	14.89 -0.46 0.00	14.56 -0.42 0.00	15.64 -0.56 0.00	17.34 -0.44 0.00	16.85 -0.44 0.00	16.91 -0.73 0.00	17.99 -1.03 0.00	23.30 -1.21 0.00	31.44 -1.52 0.00	35.44 -2.02 0.00	30.48 -2.04 0.00	27.49 -1.71 0.00	24.10 -1.62 0.00	22.52 -1.57 0.00	23.40 -1.25 0.00	24.14 -0.97 0.00
N.BELMOR_69_KV_BK1 55787	18.83 1.15 0.00	20.80 1.09 0.00	20.57 0.95 0.00	20.35 0.92 0.00	21.40 0.98 0.00	23.22 1.07 0.00	26.82 1.23 0.00	23.07 0.85 0.00	16.10 0.74 0.00	15.85 0.87 0.00	17.12 0.91 0.00	18.74 0.95 0.00	18.30 1.00 0.00	18.82 1.18 0.00	22.13 1.48 -1.64	28.39 1.78 -2.11	34.85 1.89 0.00	39.61 2.16 0.00	34.47 1.95 0.00	30.87 1.68 0.00	27.16 1.44 0.00	25.50 1.41 0.00	26.26 1.61 0.00	26.35 1.24 0.00
N.E_GEN_SANDY PD 24062	17.68 0.55 0.55	20.34 0.63 0.00	20.24 0.63 0.00	20.04 0.62 0.00	21.01 0.58 0.00	22.73 0.65 0.06	26.16 0.76 0.18	23.86 0.67 -0.97	16.16 0.45 -0.36	15.78 0.35 -0.45	16.53 0.32 0.00	18.08 0.30 0.00	17.58 0.28 0.00	17.50 0.34 0.48	20.11 0.60 -0.49	25.38 0.75 -0.12	33.84 0.98 0.10	45.38 1.27 -6.64	47.22 1.17 -13.54	43.99 1.04 -13.75	37.10 0.90 -10.48	33.54 0.87 -8.57	26.59 0.87 -1.08	28.64 0.87 -2.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.45 0.77 0.00	20.44 0.73 0.00	20.29 0.67 0.00	20.07 0.65 0.00	21.13 0.71 0.00	22.94 0.79 0.00	26.56 0.97 0.00	23.02 0.80 0.00	16.00 0.64 0.00	15.65 0.67 0.00	16.93 0.72 0.00	18.53 0.75 0.00	18.06 0.76 0.00	18.53 0.88 0.00	20.00 0.98 0.00	25.67 1.16 0.00	34.33 1.38 0.00	39.06 1.60 0.00	33.99 1.47 0.00	30.46 1.27 0.00	26.81 1.08 0.00	25.15 1.06 0.00	25.75 1.10 0.00	26.02 0.92 0.00
N.QUEENS_27_KV_LOAD 356247	18.58 0.90 0.00	20.56 0.86 0.00	20.40 0.78 0.00	20.17 0.75 0.00	21.23 0.81 0.00	23.01 0.86 0.00	26.69 1.11 0.00	23.14 0.92 0.00	16.11 0.75 0.00	15.78 0.81 0.00	17.10 0.89 0.00	18.69 0.90 0.00	18.23 0.94 0.00	18.70 1.05 0.00	20.19 1.17 0.00	25.90 1.40 0.00	34.61 1.66 0.00	39.34 1.88 0.00	34.29 1.77 0.00	30.74 1.55 0.00	27.06 1.33 0.00	25.41 1.32 0.00	26.04 1.39 0.00	44.02 1.15 -17.76
N.TROY___115KV_TB1 355778	18.24 0.56 0.00	20.33 0.62 0.00	20.23 0.62 0.00	20.03 0.61 0.00	21.02 0.59 0.00	22.79 0.65 0.00	26.36 0.78 0.00	22.90 0.68 0.00	15.79 0.43 0.00	15.32 0.35 0.00	16.55 0.34 0.00	18.11 0.33 0.00	17.59 0.30 0.00	18.00 0.36 0.00	19.59 0.57 0.00	25.28 0.77 0.00	34.02 1.06 0.00	38.79 1.33 0.00	33.73 1.22 0.00	30.26 1.07 0.00	26.64 0.92 0.00	24.97 0.88 0.00	25.51 0.87 0.00	25.98 0.87 0.00
NARROWS_GT1_1 24228	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_2 24229	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_3 24230	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_4 24231	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76

NARROWS_GT1_5 24232	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_6 24233	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_7 24234	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT1_8 24235	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_1 24236	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_2 24237	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_3 24238	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_4 24239	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_5 24240	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_6 24241	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_7 24242	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NARROWS_GT2_8 24243	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.22 0.54 0.00	20.31 0.61 0.00	20.24 0.62 0.00	20.06 0.63 0.00	21.04 0.61 0.00	22.82 0.68 0.00	26.43 0.84 0.00	22.98 0.76 0.00	15.75 0.39 0.00	15.21 0.24 0.00	16.42 0.21 0.00	17.96 0.17 0.00	17.43 0.14 0.00	17.82 0.17 0.00	19.39 0.37 0.00	25.20 0.69 0.00	34.19 1.23 0.00	39.12 1.66 0.00	34.01 1.49 0.00	30.47 1.28 0.00	26.77 1.05 0.00	25.09 1.00 0.00	25.57 0.92 0.00	26.18 1.08 0.00
NCHELSEA_115KV_TR2 355582	18.54 0.86 0.00	20.56 0.85 0.00	20.42 0.81 0.00	20.21 0.79 0.00	21.26 0.84 0.00	23.06 0.91 0.00	26.69 1.11 0.00	23.15 0.93 0.00	16.07 0.72 0.00	15.73 0.75 0.00	17.01 0.80 0.00	18.62 0.84 0.00	18.13 0.84 0.00	18.59 0.95 0.00	20.08 1.06 0.00	25.81 1.30 0.00	34.58 1.63 0.00	39.36 1.90 0.00	34.25 1.74 0.00	30.70 1.51 0.00	27.02 1.29 0.00	25.33 1.24 0.00	25.92 1.27 0.00	26.19 1.09 0.00
NEG CAPITAL___MECHNVIL 23645	18.53 0.85 0.00	20.65 0.95 0.00	20.55 0.93 0.00	20.34 0.92 0.00	21.36 0.94 0.00	23.17 1.03 0.00	26.83 1.24 0.00	23.30 1.08 0.00	16.02 0.67 0.00	15.51 0.54 0.00	16.76 0.56 0.00	18.35 0.57 0.00	17.81 0.51 0.00	18.22 0.58 0.00	19.85 0.83 0.00	25.71 1.20 0.00	34.72 1.76 0.00	39.57 2.12 0.00	34.40 1.88 0.00	30.85 1.66 0.00	27.13 1.41 0.00	25.40 1.31 0.00	25.95 1.30 0.00	26.39 1.28 0.00

NEG CENTRAL_HIGH_ACRES 23767	17.06 -0.63 0.00	19.10 -0.61 0.00	19.01 -0.61 0.00	18.82 -0.61 0.00	19.77 -0.65 0.00	21.45 -0.70 0.00	24.66 -0.92 0.00	21.35 -0.87 0.00	14.75 -0.61 0.00	14.39 -0.58 0.00	15.53 -0.67 0.00	17.11 -0.68 0.00	16.65 -0.65 0.00	16.86 -0.79 0.00	18.06 -0.95 0.00	23.38 -1.13 0.00	31.52 -1.43 0.00	35.73 -1.73 0.00	30.86 -1.66 0.00	27.72 -1.47 0.00	24.36 -1.36 0.00	22.77 -1.32 0.00	23.44 -1.21 0.00	24.02 -1.09 0.00
NEG CENTRAL___DRP 24199	17.55 -0.14 0.00	19.61 -0.10 0.00	19.52 -0.10 0.00	19.31 -0.11 0.00	20.36 -0.06 0.00	22.11 -0.04 0.00	25.54 -0.04 0.00	22.17 -0.05 0.00	15.24 -0.12 0.00	14.81 -0.17 0.00	15.96 -0.25 0.00	17.53 -0.26 0.00	17.05 -0.25 0.00	17.35 -0.29 0.00	18.65 -0.37 0.00	24.21 -0.30 0.00	32.69 -0.27 0.00	37.22 -0.24 0.00	32.21 -0.30 0.00	28.88 -0.31 0.00	25.41 -0.31 0.00	23.72 -0.37 0.00	24.26 -0.39 0.00	24.75 -0.35 0.00
NEG CENTRAL___INDECK 23768	17.77 0.09 0.00	19.90 0.19 0.00	19.85 0.23 0.00	19.66 0.23 0.00	20.70 0.28 0.00	22.57 0.42 0.00	25.95 0.37 0.00	22.47 0.25 0.00	15.34 -0.02 0.00	14.81 -0.16 0.00	15.97 -0.24 0.00	17.62 -0.17 0.00	17.15 -0.15 0.00	17.34 -0.31 0.00	18.50 -0.52 0.00	24.04 -0.47 0.00	32.81 -0.14 0.00	37.52 0.07 0.00	32.34 -0.18 0.00	29.01 -0.19 0.00	25.35 -0.37 0.00	23.57 -0.53 0.00	24.20 -0.45 0.00	24.75 -0.36 0.00
NEG CENTRAL___SENECA 23627	17.56 -0.13 0.00	19.64 -0.07 0.00	19.55 -0.06 0.00	19.36 -0.06 0.00	20.42 0.00 0.00	22.20 0.05 0.00	25.62 0.04 0.00	22.24 0.02 0.00	15.27 -0.09 0.00	14.84 -0.14 0.00	15.96 -0.25 0.00	17.55 -0.23 0.00	17.07 -0.23 0.00	17.36 -0.28 0.00	18.63 -0.39 0.00	24.23 -0.28 0.00	32.71 -0.24 0.00	37.27 -0.19 0.00	32.24 -0.28 0.00	28.90 -0.29 0.00	25.41 -0.31 0.00	23.69 -0.41 0.00	24.22 -0.43 0.00	24.72 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	17.67 -0.02 0.00	19.73 0.02 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.42 0.00 0.00	22.14 -0.01 0.00	25.67 0.08 0.00	22.28 0.07 0.00	15.34 -0.02 0.00	14.90 -0.07 0.00	16.09 -0.12 0.00	17.61 -0.17 0.00	17.15 -0.14 0.00	17.44 -0.20 0.00	18.83 -0.18 0.00	24.43 -0.08 0.00	32.99 0.03 0.00	37.53 0.07 0.00	32.52 0.00 0.00	29.07 -0.13 0.00	25.63 -0.10 0.00	24.01 -0.09 0.00	24.55 -0.10 0.00	25.03 -0.07 0.00
NEG MILLWOOD___DRP 24198	18.61 0.93 0.00	20.63 0.92 0.00	20.49 0.87 0.00	20.27 0.84 0.00	21.32 0.90 0.00	23.13 0.98 0.00	26.78 1.19 0.00	23.23 1.02 0.00	16.15 0.79 0.00	15.81 0.83 0.00	17.10 0.90 0.00	18.72 0.94 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.18 1.16 0.00	25.92 1.42 0.00	34.74 1.78 0.00	39.55 2.09 0.00	34.41 1.89 0.00	30.85 1.66 0.00	27.13 1.41 0.00	25.44 1.35 0.00	26.03 1.38 0.00	26.29 1.19 0.00
NEG NORTH_FLCN_SEA 23793	17.42 -0.25 0.01	9.20 -0.28 10.22	19.44 -0.18 0.00	19.33 -0.09 0.00	20.48 0.06 0.00	22.37 0.23 0.00	25.96 0.38 0.00	22.77 0.55 0.00	15.74 0.39 0.00	15.31 0.33 0.00	16.58 0.37 0.00	18.27 0.48 0.00	17.80 0.51 0.00	18.10 0.45 0.00	19.38 0.36 0.00	24.90 0.39 0.00	33.51 0.55 0.00	37.76 0.30 0.00	32.81 0.29 0.00	29.53 0.34 0.00	26.33 0.60 0.00	24.55 0.46 0.00	25.12 0.47 0.00	25.71 0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	17.34 -0.33 0.01	8.42 -0.39 10.90	19.32 -0.30 0.00	19.22 -0.20 0.00	20.34 -0.08 0.00	22.22 0.08 0.00	25.73 0.14 0.00	22.56 0.34 0.00	15.61 0.25 0.00	15.18 0.21 0.00	16.43 0.22 0.00	18.11 0.33 0.00	17.68 0.38 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.80 0.29 0.00	33.55 0.59 0.00	37.91 0.45 0.00	32.88 0.36 0.00	29.65 0.46 0.00	26.31 0.58 0.00	24.51 0.41 0.00	25.07 0.42 0.00	25.63 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	17.52 -0.15 0.01	9.20 -0.18 10.33	19.53 -0.09 0.00	19.43 0.01 0.00	20.57 0.15 0.00	22.48 0.34 0.00	26.05 0.47 0.00	22.87 0.64 0.00	15.80 0.44 0.00	15.37 0.39 0.00	16.62 0.41 0.00	18.31 0.53 0.00	17.86 0.56 0.00	18.15 0.51 0.00	19.45 0.43 0.00	25.07 0.56 0.00	33.85 0.90 0.00	38.19 0.73 0.00	33.19 0.67 0.00	29.87 0.68 0.00	26.55 0.83 0.00	24.75 0.65 0.00	25.32 0.67 0.00	25.89 0.78 0.00
NEG NORTH___LWR_SARANAC 23913	17.52 -0.15 0.01	9.20 -0.18 10.33	19.53 -0.09 0.00	19.43 0.01 0.00	20.57 0.15 0.00	22.48 0.34 0.00	26.05 0.47 0.00	22.87 0.64 0.00	15.80 0.44 0.00	15.37 0.39 0.00	16.62 0.41 0.00	18.31 0.53 0.00	17.86 0.56 0.00	18.15 0.51 0.00	19.45 0.43 0.00	25.07 0.56 0.00	33.85 0.90 0.00	38.19 0.73 0.00	33.19 0.67 0.00	29.87 0.68 0.00	26.55 0.83 0.00	24.75 0.65 0.00	25.32 0.67 0.00	25.89 0.78 0.00
NEG NORTH___PLATTSBURG 23628	17.52 -0.15 0.01	9.20 -0.18 10.33	19.53 -0.09 0.00	19.43 0.01 0.00	20.57 0.15 0.00	22.48 0.34 0.00	26.05 0.47 0.00	22.86 0.64 0.00	15.80 0.44 0.00	15.37 0.39 0.00	16.62 0.41 0.00	18.31 0.53 0.00	17.86 0.56 0.00	18.15 0.51 0.00	19.45 0.43 0.00	25.07 0.56 0.00	33.85 0.90 0.00	38.19 0.73 0.00	33.19 0.67 0.00	29.87 0.68 0.00	26.55 0.83 0.00	24.75 0.65 0.00	25.32 0.67 0.00	25.89 0.78 0.00
NEG WEST_LEA_LOCKPORT 23791	17.18 -0.50 0.00	19.34 -0.37 0.00	19.28 -0.34 0.00	19.07 -0.35 0.00	19.99 -0.43 0.00	21.68 -0.46 0.00	24.72 -0.87 0.00	21.20 -1.02 0.00	14.70 -0.66 0.00	14.40 -0.57 0.00	15.51 -0.70 0.00	17.18 -0.60 0.00	16.74 -0.55 0.00	16.78 -0.86 0.00	17.82 -1.20 0.00	23.00 -1.52 0.00	30.91 -2.04 0.00	34.75 -2.71 0.00	29.87 -2.65 0.00	26.95 -2.25 0.00	23.64 -2.09 0.00	22.09 -2.01 0.00	22.99 -1.66 0.00	23.77 -1.34 0.00
NEG WEST___LANCASTER 23811	17.70 0.02 0.00	19.89 0.18 0.00	19.82 0.20 0.00	19.62 0.19 0.00	20.62 0.19 0.00	22.39 0.24 0.00	25.60 0.02 0.00	22.06 -0.16 0.00	15.26 -0.10 0.00	15.02 0.04 0.00	16.19 -0.02 0.00	17.91 0.13 0.00	17.45 0.15 0.00	17.61 -0.03 0.00	18.73 -0.28 0.00	24.16 -0.36 0.00	32.27 -0.69 0.00	36.39 -1.07 0.00	31.32 -1.20 0.00	28.17 -1.02 0.00	24.74 -0.99 0.00	23.14 -0.95 0.00	23.90 -0.74 0.00	24.69 -0.41 0.00
NEG_PENN_ALLEGHNY 23528	17.66 -0.02 0.00	19.71 0.00 0.00	19.62 0.00 0.00	19.42 0.00 0.00	20.50 0.07 0.00	22.24 0.09 0.00	25.66 0.07 0.00	22.26 0.04 0.00	15.35 -0.01 0.00	15.01 0.03 0.00	16.20 0.00 0.00	17.82 0.04 0.00	17.32 0.02 0.00	17.69 0.05 0.00	19.00 -0.02 0.00	24.56 0.06 0.00	32.99 0.04 0.00	37.44 -0.02 0.00	32.46 -0.06 0.00	29.10 -0.09 0.00	25.59 -0.14 0.00	23.97 -0.12 0.00	24.49 -0.16 0.00	24.98 -0.12 0.00
NEG___GEN_MONROE 24207	17.48 -0.21 0.00	19.60 -0.11 0.00	19.54 -0.08 0.00	19.37 -0.06 0.00	20.31 -0.11 0.00	22.02 -0.12 0.00	25.30 -0.28 0.00	21.77 -0.45 0.00	15.02 -0.33 0.00	14.66 -0.32 0.00	15.78 -0.42 0.00	17.41 -0.38 0.00	16.96 -0.33 0.00	17.12 -0.52 0.00	18.30 -0.72 0.00	23.67 -0.83 0.00	32.00 -0.96 0.00	36.25 -1.21 0.00	31.25 -1.27 0.00	28.13 -1.06 0.00	24.70 -1.03 0.00	23.09 -1.01 0.00	23.83 -0.82 0.00	24.47 -0.63 0.00

NEPA___ENERGY 23901	17.46 -0.23 0.00	19.57 -0.14 0.00	19.51 -0.10 0.00	19.32 -0.10 0.00	20.29 -0.13 0.00	22.04 -0.11 0.00	25.23 -0.35 0.00	21.75 -0.47 0.00	15.07 -0.28 0.00	14.81 -0.17 0.00	15.95 -0.26 0.00	17.66 -0.13 0.00	17.22 -0.08 0.00	17.30 -0.34 0.00	18.39 -0.63 0.00	23.75 -0.76 0.00	31.94 -1.02 0.00	35.95 -1.50 0.00	30.89 -1.63 0.00	27.75 -1.45 0.00	24.14 -1.58 0.00	22.50 -1.59 0.00	23.26 -1.39 0.00	24.04 -1.06 0.00
NEVERSINK___HYD 23608	18.58 0.89 0.00	20.61 0.91 0.00	20.48 0.86 0.00	20.26 0.84 0.00	21.33 0.91 0.00	23.15 1.00 0.00	26.80 1.22 0.00	23.24 1.03 0.00	16.10 0.75 0.00	15.71 0.73 0.00	16.97 0.77 0.00	18.57 0.79 0.00	18.07 0.77 0.00	18.52 0.87 0.00	19.98 0.97 0.00	25.77 1.26 0.00	34.65 1.70 0.00	39.49 2.03 0.00	34.37 1.85 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.42 1.33 0.00	26.01 1.36 0.00	26.30 1.20 0.00
NEWKRMKL_115KV_TB1 55635	17.89 0.21 0.00	19.92 0.21 0.00	19.83 0.21 0.00	19.64 0.22 0.00	20.60 0.18 0.00	22.33 0.19 0.00	25.82 0.23 0.00	22.44 0.22 0.00	15.49 0.13 0.00	15.11 0.13 0.00	16.35 0.14 0.00	17.89 0.10 0.00	17.40 0.10 0.00	17.79 0.14 0.00	19.29 0.27 0.00	24.84 0.32 0.00	33.35 0.40 0.00	38.00 0.54 0.00	33.04 0.53 0.00	29.64 0.45 0.00	26.09 0.36 0.00	24.48 0.38 0.00	25.00 0.35 0.00	25.61 0.50 0.00
NEWTON___FALLS_HYD 23847	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.37 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
NGRID_A1_DSASP 323792	16.93 -0.75 0.00	19.08 -0.63 0.00	19.01 -0.61 0.00	18.81 -0.61 0.00	19.70 -0.72 0.00	21.38 -0.77 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.29 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.69 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.54 -2.42 0.00	34.29 -3.17 0.00	29.44 -3.08 0.00	26.58 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
NGRID_A2_DSASP 323793	16.93 -0.75 0.00	19.08 -0.63 0.00	19.01 -0.61 0.00	18.81 -0.61 0.00	19.70 -0.72 0.00	21.38 -0.77 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.29 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.69 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.54 -2.42 0.00	34.29 -3.17 0.00	29.44 -3.08 0.00	26.58 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
NGRID_A4_DSASP 323807	16.93 -0.75 0.00	19.08 -0.63 0.00	19.01 -0.61 0.00	18.81 -0.61 0.00	19.70 -0.72 0.00	21.38 -0.77 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.29 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.69 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.54 -2.42 0.00	34.29 -3.17 0.00	29.44 -3.08 0.00	26.58 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
NIAGARA_115E_LBMP 323715	16.98 -0.70 0.00	19.13 -0.58 0.00	19.06 -0.56 0.00	18.86 -0.56 0.00	19.76 -0.66 0.00	21.44 -0.70 0.00	24.38 -1.21 0.00	20.81 -1.41 0.00	14.44 -0.92 0.00	14.17 -0.81 0.00	15.25 -0.95 0.00	16.90 -0.88 0.00	16.48 -0.82 0.00	16.50 -1.14 0.00	17.51 -1.51 0.00	22.57 -1.94 0.00	30.33 -2.63 0.00	34.03 -3.43 0.00	29.25 -3.27 0.00	26.41 -2.78 0.00	23.18 -2.54 0.00	21.68 -2.41 0.00	22.61 -2.04 0.00	23.37 -1.74 0.00
NIAGARA_115W_LBMP 323714	16.91 -0.77 0.00	19.04 -0.66 0.00	18.98 -0.64 0.00	18.78 -0.64 0.00	19.67 -0.75 0.00	21.34 -0.80 0.00	24.31 -1.27 0.00	20.94 -1.28 0.00	14.52 -0.84 0.00	14.26 -0.71 0.00	15.38 -0.83 0.00	17.05 -0.74 0.00	16.62 -0.67 0.00	16.66 -0.98 0.00	17.67 -1.35 0.00	22.76 -1.75 0.00	30.49 -2.47 0.00	34.22 -3.24 0.00	29.40 -3.12 0.00	26.54 -2.65 0.00	23.31 -2.41 0.00	21.81 -2.29 0.00	22.72 -1.93 0.00	23.54 -1.56 0.00
NIAGARA_230_LBMP 323716	16.96 -0.72 0.00	19.10 -0.61 0.00	19.03 -0.59 0.00	18.83 -0.60 0.00	19.73 -0.69 0.00	21.40 -0.74 0.00	24.39 -1.20 0.00	20.99 -1.23 0.00	14.55 -0.80 0.00	14.29 -0.68 0.00	15.42 -0.79 0.00	17.08 -0.70 0.00	16.66 -0.64 0.00	16.71 -0.93 0.00	17.73 -1.28 0.00	22.83 -1.68 0.00	30.60 -2.35 0.00	34.39 -3.07 0.00	29.56 -2.96 0.00	26.67 -2.52 0.00	23.42 -2.31 0.00	21.90 -2.19 0.00	22.80 -1.85 0.00	23.61 -1.49 0.00
NIAGARA___115KV_198_GIBSON 55903	16.91 -0.77 0.00	19.04 -0.66 0.00	18.98 -0.64 0.00	18.78 -0.64 0.00	19.67 -0.75 0.00	21.33 -0.81 0.00	24.31 -1.27 0.00	20.93 -1.28 0.00	14.52 -0.83 0.00	14.26 -0.71 0.00	15.38 -0.83 0.00	17.05 -0.74 0.00	16.62 -0.67 0.00	16.66 -0.98 0.00	17.67 -1.35 0.00	22.76 -1.75 0.00	30.49 -2.47 0.00	34.22 -3.24 0.00	29.39 -3.12 0.00	26.54 -2.65 0.00	23.31 -2.41 0.00	21.81 -2.29 0.00	22.72 -1.93 0.00	23.54 -1.57 0.00
NIAGARA___ 23760	16.96 -0.72 0.00	19.10 -0.61 0.00	19.03 -0.59 0.00	18.83 -0.60 0.00	19.73 -0.69 0.00	21.40 -0.74 0.00	24.39 -1.20 0.00	20.99 -1.23 0.00	14.55 -0.80 0.00	14.29 -0.68 0.00	15.42 -0.79 0.00	17.08 -0.70 0.00	16.66 -0.64 0.00	16.71 -0.93 0.00	17.73 -1.28 0.00	22.83 -1.68 0.00	30.60 -2.35 0.00	34.39 -3.07 0.00	29.56 -2.96 0.00	26.67 -2.52 0.00	23.42 -2.31 0.00	21.90 -2.19 0.00	22.80 -1.85 0.00	23.61 -1.49 0.00
NINE_MILE_1 23575	17.15 -0.53 0.00	19.14 -0.57 0.00	19.06 -0.56 0.00	18.86 -0.56 0.00	19.83 -0.59 0.00	21.49 -0.65 0.00	24.81 -0.78 0.00	21.53 -0.69 0.00	14.89 -0.47 0.00	14.51 -0.47 0.00	15.69 -0.52 0.00	17.22 -0.56 0.00	16.75 -0.55 0.00	17.07 -0.58 0.00	18.38 -0.64 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.29 -0.81 0.00
NINE_MILE_2 23744	17.15 -0.53 0.00	19.14 -0.57 0.00	19.06 -0.56 0.00	18.86 -0.56 0.00	19.83 -0.59 0.00	21.50 -0.65 0.00	24.81 -0.78 0.00	21.54 -0.68 0.00	14.89 -0.47 0.00	14.51 -0.47 0.00	15.69 -0.52 0.00	17.23 -0.56 0.00	16.75 -0.54 0.00	17.07 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.86 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.29 -0.81 0.00
NM_CAPITAL___DRP 24208	17.93 0.25 0.00	19.97 0.26 0.00	19.88 0.26 0.00	19.69 0.27 0.00	20.66 0.23 0.00	22.39 0.25 0.00	25.89 0.30 0.00	22.49 0.27 0.00	15.53 0.18 0.00	15.14 0.16 0.00	16.38 0.17 0.00	17.92 0.13 0.00	17.42 0.12 0.00	17.81 0.17 0.00	19.33 0.31 0.00	24.88 0.37 0.00	33.42 0.46 0.00	38.07 0.61 0.00	33.11 0.60 0.00	29.71 0.51 0.00	26.14 0.42 0.00	24.53 0.44 0.00	25.06 0.41 0.00	25.63 0.53 0.00

NM_CENTRAL___DRP 24181	17.46 -0.23 0.00	19.49 -0.22 0.00	19.39 -0.23 0.00	19.20 -0.22 0.00	20.19 -0.23 0.00	21.89 -0.25 0.00	25.27 -0.31 0.00	21.94 -0.28 0.00	15.14 -0.21 0.00	14.75 -0.22 0.00	15.94 -0.26 0.00	17.51 -0.27 0.00	17.03 -0.27 0.00	17.35 -0.29 0.00	18.68 -0.34 0.00	24.15 -0.36 0.00	32.53 -0.43 0.00	36.98 -0.48 0.00	32.06 -0.45 0.00	28.77 -0.42 0.00	25.32 -0.41 0.00	23.70 -0.39 0.00	24.25 -0.39 0.00	24.72 -0.39 0.00
NM_FRONTIER___DRP 24179	16.91 -0.77 0.00	19.04 -0.66 0.00	18.98 -0.64 0.00	18.78 -0.64 0.00	19.67 -0.75 0.00	21.33 -0.81 0.00	24.31 -1.27 0.00	20.93 -1.28 0.00	14.52 -0.83 0.00	14.26 -0.71 0.00	15.38 -0.83 0.00	17.05 -0.74 0.00	16.62 -0.67 0.00	16.66 -0.98 0.00	17.67 -1.35 0.00	22.76 -1.75 0.00	30.49 -2.47 0.00	34.22 -3.24 0.00	29.39 -3.12 0.00	26.54 -2.65 0.00	23.31 -2.41 0.00	21.81 -2.29 0.00	22.72 -1.93 0.00	23.54 -1.57 0.00
NM_ST_REGIS___HYD 24053	18.10 0.41 -0.01	28.03 0.47 -7.85	20.22 0.60 0.00	20.04 0.62 0.00	21.17 0.74 0.00	23.11 0.97 0.00	27.00 1.41 0.00	23.69 1.47 0.00	16.11 0.75 0.00	15.52 0.55 0.00	16.76 0.55 0.00	18.46 0.68 0.00	18.00 0.70 0.00	18.28 0.64 0.00	19.61 0.59 0.00	25.57 1.06 0.00	35.36 2.41 0.00	40.40 2.95 0.00	35.08 2.57 0.00	31.55 2.36 0.00	27.84 2.11 0.00	25.88 1.79 0.00	26.27 1.62 0.00	26.73 1.63 0.00
NORTHPORT___1 23551	18.86 1.18 0.00	20.82 1.11 0.00	20.57 0.95 0.00	20.36 0.94 0.00	21.40 0.98 0.00	23.21 1.06 0.00	26.75 1.16 0.00	22.91 0.69 0.00	16.02 0.66 0.00	15.78 0.80 0.00	17.04 0.83 0.00	18.65 0.86 0.00	18.22 0.93 0.00	18.76 1.12 0.00	22.13 1.47 -1.64	28.32 1.70 -2.11	34.50 1.55 0.00	39.24 1.78 0.00	34.14 1.62 0.00	30.60 1.41 0.00	26.93 1.21 0.00	25.30 1.20 0.00	26.16 1.51 0.00	26.24 1.13 0.00
NORTHPORT___2 23552	18.86 1.18 0.00	20.82 1.11 0.00	20.57 0.95 0.00	20.36 0.94 0.00	21.40 0.98 0.00	23.21 1.06 0.00	26.75 1.16 0.00	22.91 0.69 0.00	16.02 0.66 0.00	15.78 0.80 0.00	17.04 0.83 0.00	18.65 0.86 0.00	18.22 0.93 0.00	18.76 1.12 0.00	22.13 1.47 -1.64	28.32 1.70 -2.11	34.50 1.55 0.00	39.24 1.78 0.00	34.14 1.62 0.00	30.60 1.41 0.00	26.93 1.21 0.00	25.30 1.20 0.00	26.16 1.51 0.00	26.24 1.13 0.00
NORTHPORT___3 23553	18.76 1.07 0.00	20.72 1.01 0.00	20.47 0.86 0.00	20.25 0.83 0.00	21.29 0.87 0.00	23.09 0.95 0.00	26.67 1.08 0.00	22.86 0.64 0.00	15.97 0.61 0.00	15.73 0.75 0.00	16.99 0.78 0.00	18.59 0.80 0.00	18.16 0.86 0.00	18.69 1.05 0.00	22.05 1.40 -1.64	28.24 1.63 -2.11	34.53 1.57 0.00	39.21 1.75 0.00	34.13 1.61 0.00	30.56 1.37 0.00	26.91 1.18 0.00	25.27 1.18 0.00	26.07 1.42 0.00	26.16 1.06 0.00
NORTHPORT___4 23650	18.76 1.07 0.00	20.72 1.01 0.00	20.47 0.86 0.00	20.25 0.83 0.00	21.29 0.87 0.00	23.09 0.95 0.00	26.67 1.08 0.00	22.86 0.64 0.00	15.97 0.61 0.00	15.73 0.75 0.00	16.99 0.78 0.00	18.59 0.80 0.00	18.16 0.86 0.00	18.69 1.05 0.00	22.05 1.40 -1.64	28.24 1.63 -2.11	34.53 1.57 0.00	39.21 1.75 0.00	34.13 1.61 0.00	30.56 1.37 0.00	26.91 1.18 0.00	25.27 1.18 0.00	26.07 1.42 0.00	26.16 1.06 0.00
NORTHPORT___IC 23718	18.86 1.18 0.00	20.82 1.11 0.00	20.57 0.95 0.00	20.36 0.94 0.00	21.40 0.98 0.00	23.21 1.06 0.00	26.75 1.16 0.00	22.91 0.69 0.00	16.02 0.66 0.00	15.78 0.80 0.00	17.04 0.84 0.00	18.65 0.86 0.00	18.23 0.93 0.00	18.76 1.12 0.00	22.13 1.48 -1.64	28.32 1.70 -2.11	34.50 1.55 0.00	39.24 1.78 0.00	34.14 1.62 0.00	30.60 1.41 0.00	26.93 1.21 0.00	25.30 1.20 0.00	26.15 1.51 0.00	26.23 1.13 0.00
NORTH___COUNTRY_ESR 323785	17.29 -0.38 0.01	8.34 -0.45 10.91	19.26 -0.36 0.00	19.17 -0.25 0.00	20.29 -0.13 0.00	22.16 0.02 0.00	25.66 0.07 0.00	22.50 0.28 0.00	15.58 0.22 0.00	15.18 0.20 0.00	16.43 0.22 0.00	18.11 0.32 0.00	17.67 0.37 0.00	17.95 0.31 0.00	19.24 0.22 0.00	24.77 0.26 0.00	33.50 0.54 0.00	37.81 0.35 0.00	32.79 0.28 0.00	29.56 0.37 0.00	26.22 0.50 0.00	24.44 0.35 0.00	25.01 0.36 0.00	25.55 0.45 0.00
NPX_GEN_1385_PROXY 323591	19.03 1.35 0.00	20.89 1.19 0.00	20.57 0.95 0.00	20.42 1.00 0.00	21.40 0.98 0.00	23.22 1.07 0.00	27.04 1.46 0.00	22.97 0.75 0.00	16.06 0.70 0.00	15.79 0.82 0.00	16.85 0.65 0.00	18.44 0.65 0.00	18.02 0.72 0.00	18.56 0.92 0.00	22.14 1.48 -1.64	28.58 1.96 -2.11	34.74 1.78 0.00	39.63 2.17 0.00	34.46 1.94 0.00	31.00 1.80 0.00	32.64 1.58 -5.34	25.62 1.53 0.00	30.75 1.86 -4.23	32.88 1.50 -6.27
NPX_GEN_CSC 323557	18.98 1.29 0.00	20.93 1.22 0.00	20.68 1.06 0.00	20.45 1.03 0.00	21.50 1.08 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.76 0.00	15.83 0.85 0.00	17.07 0.86 0.00	18.67 0.88 0.00	18.31 1.01 0.00	18.89 1.25 0.00	22.36 1.70 -1.64	28.74 2.12 -2.11	35.18 2.23 0.00	40.05 2.59 0.00	34.80 2.29 0.00	31.15 1.96 0.00	27.44 1.72 0.00	25.78 1.69 0.00	26.54 1.89 0.00	25.91 0.80 0.00
NSINS_S___GLNS_FALLS 23858	18.79 1.11 0.00	20.95 1.24 0.00	20.84 1.22 0.00	20.63 1.21 0.00	21.67 1.25 0.00	23.52 1.38 0.00	27.28 1.69 0.00	23.72 1.50 0.00	16.27 0.91 0.00	15.70 0.72 0.00	16.96 0.76 0.00	18.56 0.78 0.00	17.98 0.69 0.00	18.40 0.76 0.00	20.17 1.15 0.00	26.11 1.60 0.00	35.37 2.41 0.00	40.34 2.88 0.00	35.10 2.58 0.00	31.47 2.28 0.00	27.61 1.89 0.00	25.84 1.75 0.00	26.40 1.75 0.00	26.80 1.69 0.00
NUCOR_STEEL___DRP 24197	17.65 -0.03 0.00	19.72 0.01 0.00	19.57 -0.05 0.00	19.37 -0.05 0.00	20.40 -0.03 0.00	22.11 -0.04 0.00	25.64 0.06 0.00	22.26 0.05 0.00	15.33 -0.02 0.00	14.90 -0.08 0.00	16.08 -0.12 0.00	17.60 -0.18 0.00	17.15 -0.15 0.00	17.43 -0.21 0.00	18.83 -0.18 0.00	24.42 -0.09 0.00	32.97 0.01 0.00	37.50 0.04 0.00	32.49 -0.02 0.00	29.03 -0.16 0.00	25.61 -0.11 0.00	24.00 -0.09 0.00	24.54 -0.11 0.00	25.03 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	17.58 -0.11 0.00	21.65 -0.05 -1.99	19.79 0.18 0.00	19.52 0.10 0.00	20.52 0.10 0.00	22.31 0.16 0.00	26.18 0.59 0.00	22.92 0.70 0.00	15.67 0.31 0.00	15.15 0.17 0.00	16.39 0.19 0.00	18.00 0.22 0.00	17.52 0.22 0.00	17.80 0.15 0.00	19.20 0.18 0.00	25.12 0.61 0.00	34.66 1.71 0.00	39.63 2.18 0.00	34.44 1.92 0.00	30.89 1.70 0.00	27.18 1.45 0.00	25.31 1.22 0.00	25.57 0.93 0.00	25.88 0.78 0.00
NYISO_LBMP_REFERENCE 24008	17.68 0.00 0.00	19.71 0.00 0.00	19.62 0.00 0.00	19.42 0.00 0.00	20.42 0.00 0.00	22.14 0.00 0.00	25.58 0.00 0.00	22.22 0.00 0.00	15.36 0.00 0.00	14.98 0.00 0.00	16.21 0.00 0.00	17.78 0.00 0.00	17.30 0.00 0.00	17.64 0.00 0.00	19.02 0.00 0.00	24.51 0.00 0.00	32.96 0.00 0.00	37.46 0.00 0.00	32.52 0.00 0.00	29.19 0.00 0.00	25.72 0.00 0.00	24.10 0.00 0.00	24.65 0.00 0.00	25.11 0.00 0.00

NYPA_BRENTWD____GT 24164	19.02 1.33 0.00	20.99 1.28 0.00	20.73 1.11 0.00	20.51 1.09 0.00	21.56 1.14 0.00	23.40 1.25 0.00	26.99 1.40 0.00	23.15 0.93 0.00	16.16 0.80 0.00	15.91 0.93 0.00	17.17 0.96 0.00	18.78 0.99 0.00	18.35 1.05 0.00	18.90 1.26 0.00	22.29 1.64 -1.64	28.59 1.98 -2.11	34.93 1.97 0.00	39.73 2.27 0.00	34.62 2.10 0.00	31.03 1.84 0.00	27.29 1.56 0.00	25.63 1.53 0.00	26.45 1.80 0.00	26.46 1.36 0.00
NYPA_GOWANUS____GT5 24156	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.59 1.64 0.00	39.33 1.87 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NYPA_GOWANUS____GT6 24157	18.69 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.27 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.59 1.64 0.00	39.33 1.87 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NYPA_HARLEM_RVR__GT1 24160	18.55 0.87 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	22.98 0.84 0.00	26.67 1.08 0.00	23.11 0.89 0.00	16.08 0.73 0.00	15.76 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.65 1.01 0.00	20.15 1.13 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.25 1.79 0.00	34.20 1.68 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.34 1.24 0.00	25.96 1.31 0.00	43.95 1.08 -17.76
NYPA_HARLEM_RVR__GT2 24161	18.55 0.87 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	22.98 0.84 0.00	26.67 1.08 0.00	23.11 0.89 0.00	16.08 0.73 0.00	15.76 0.78 0.00	17.07 0.86 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.65 1.01 0.00	20.15 1.13 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.25 1.79 0.00	34.20 1.68 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.34 1.24 0.00	25.96 1.31 0.00	43.95 1.08 -17.76
NYPA_KENT____GT 24152	18.65 0.97 0.00	20.66 0.95 0.00	20.52 0.90 0.00	20.28 0.86 0.00	21.34 0.92 0.00	23.13 0.98 0.00	26.79 1.21 0.00	23.24 1.02 0.00	16.16 0.81 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.58 1.63 0.00	39.30 1.84 0.00	34.27 1.76 0.00	30.73 1.54 0.00	27.03 1.30 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76
NYPA_POUCH1____GT 24155	18.74 1.06 0.00	20.76 1.05 0.00	20.64 1.02 0.00	20.40 0.98 0.00	21.47 1.05 0.00	23.25 1.11 0.00	26.95 1.36 0.00	23.37 1.15 0.00	16.18 0.82 0.00	15.81 0.84 0.00	17.12 0.91 0.00	18.66 0.87 0.00	18.18 0.88 0.00	18.65 1.00 0.00	20.12 1.11 0.00	25.81 1.30 0.00	34.50 1.55 0.00	39.26 1.80 0.00	34.21 1.70 0.00	30.68 1.49 0.00	26.97 1.25 0.00	25.28 1.18 0.00	25.88 1.23 0.00	43.85 0.98 -17.76
NYPA_VERNON____GT2 24162	18.63 0.95 0.00	20.64 0.93 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.08 0.93 0.00	26.73 1.15 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.74 0.95 0.00	18.26 0.97 0.00	18.73 1.09 0.00	20.21 1.19 0.00	25.89 1.38 0.00	34.58 1.62 0.00	39.29 1.83 0.00	34.24 1.73 0.00	30.71 1.52 0.00	27.02 1.29 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.92 1.06 -17.76
NYPA_VERNON____GT3 24163	18.63 0.95 0.00	20.64 0.93 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.08 0.93 0.00	26.73 1.15 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.74 0.95 0.00	18.26 0.97 0.00	18.73 1.09 0.00	20.21 1.19 0.00	25.89 1.38 0.00	34.58 1.62 0.00	39.29 1.83 0.00	34.24 1.73 0.00	30.71 1.52 0.00	27.02 1.29 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.92 1.06 -17.76
NYPA____ASTORIA_CC1 323568	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.70 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.22 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.29 1.20 0.00	25.90 1.25 0.00	43.88 1.01 -17.76
NYPA____ASTORIA_CC2 323569	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.84 0.00	23.04 0.89 0.00	26.67 1.09 0.00	23.14 0.91 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.11 0.91 0.00	18.70 0.92 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.51 1.55 0.00	39.22 1.76 0.00	34.17 1.66 0.00	30.65 1.45 0.00	26.96 1.24 0.00	25.29 1.20 0.00	25.90 1.25 0.00	43.88 1.01 -17.76
NYPA____HOLTSVILL 23794	18.91 1.23 0.00	20.88 1.17 0.00	20.63 1.01 0.00	20.40 0.98 0.00	21.45 1.03 0.00	23.27 1.13 0.00	26.83 1.25 0.00	23.03 0.81 0.00	16.08 0.73 0.00	15.82 0.84 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.27 0.97 0.00	18.82 1.18 0.00	22.22 1.57 -1.64	28.51 1.89 -2.11	34.85 1.89 0.00	39.64 2.18 0.00	34.49 1.97 0.00	30.88 1.69 0.00	27.20 1.47 0.00	25.54 1.45 0.00	26.34 1.70 0.00	26.24 1.14 0.00
NYPA____HELLGATE_GT1 24158	18.56 0.88 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	22.98 0.84 0.00	26.67 1.08 0.00	23.11 0.89 0.00	16.09 0.73 0.00	15.76 0.78 0.00	17.07 0.87 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.65 1.01 0.00	20.15 1.13 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.23 1.77 0.00	34.19 1.68 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.34 1.24 0.00	25.96 1.31 0.00	43.95 1.08 -17.76
NYPA____HELLGATE_GT2 24159	18.56 0.88 0.00	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	22.98 0.84 0.00	26.67 1.08 0.00	23.11 0.89 0.00	16.09 0.73 0.00	15.76 0.78 0.00	17.07 0.87 0.00	18.66 0.87 0.00	18.20 0.90 0.00	18.65 1.01 0.00	20.15 1.13 0.00	25.85 1.34 0.00	34.54 1.58 0.00	39.23 1.77 0.00	34.19 1.68 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.34 1.24 0.00	25.96 1.31 0.00	43.95 1.08 -17.76
NYS_BARGE____HYD 23848	17.20 -0.48 0.00	19.37 -0.33 0.00	19.30 -0.32 0.00	19.09 -0.33 0.00	20.02 -0.40 0.00	21.73 -0.42 0.00	24.74 -0.84 0.00	21.21 -1.01 0.00	14.69 -0.66 0.00	14.40 -0.58 0.00	15.49 -0.71 0.00	17.17 -0.61 0.00	16.73 -0.57 0.00	16.77 -0.88 0.00	17.81 -1.21 0.00	22.98 -1.53 0.00	30.92 -2.04 0.00	34.77 -2.69 0.00	29.88 -2.64 0.00	26.96 -2.23 0.00	23.64 -2.08 0.00	22.10 -1.99 0.00	23.01 -1.64 0.00	23.78 -1.32 0.00

OAK ORCHARD___HYD 24046	17.32 -0.37 0.00	19.40 -0.30 0.00	19.33 -0.29 0.00	19.12 -0.30 0.00	20.08 -0.35 0.00	21.79 -0.36 0.00	25.00 -0.58 0.00	21.63 -0.59 0.00	14.94 -0.42 0.00	14.59 -0.39 0.00	15.75 -0.46 0.00	17.37 -0.41 0.00	16.92 -0.37 0.00	17.10 -0.54 0.00	18.29 -0.73 0.00	23.63 -0.88 0.00	31.85 -1.11 0.00	36.05 -1.41 0.00	31.11 -1.41 0.00	27.98 -1.21 0.00	24.58 -1.15 0.00	22.98 -1.11 0.00	23.70 -0.95 0.00	24.33 -0.77 0.00
OAKDALE___35_KV_LOAD 356122	17.61 -0.07 0.00	19.66 -0.05 0.00	19.57 -0.04 0.00	19.37 -0.05 0.00	20.44 0.01 0.00	22.16 0.02 0.00	25.58 -0.01 0.00	22.18 -0.04 0.00	15.30 -0.05 0.00	14.97 -0.01 0.00	16.17 -0.04 0.00	17.78 -0.01 0.00	17.28 -0.02 0.00	17.66 0.01 0.00	18.96 -0.06 0.00	24.49 -0.02 0.00	32.88 -0.08 0.00	37.30 -0.16 0.00	32.34 -0.17 0.00	29.00 -0.19 0.00	25.50 -0.22 0.00	23.90 -0.19 0.00	24.42 -0.23 0.00	24.91 -0.20 0.00
OCC_CHEM___DRP 24175	16.93 -0.75 0.00	19.07 -0.64 0.00	19.01 -0.61 0.00	18.81 -0.62 0.00	19.70 -0.72 0.00	21.36 -0.78 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.28 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.68 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.53 -2.42 0.00	34.27 -3.19 0.00	29.44 -3.08 0.00	26.59 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.25 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
OH_GEN_PROXY 24063	16.96 -0.72 0.00	19.10 -0.61 0.00	19.03 -0.59 0.00	18.83 -0.60 0.00	19.73 -0.69 0.00	21.41 -0.74 0.00	24.42 -1.17 0.00	21.03 -1.19 0.00	14.58 -0.78 0.00	14.32 -0.65 0.00	15.45 -0.76 0.00	17.12 -0.67 0.00	16.69 -0.61 0.00	16.76 -0.89 0.00	17.79 -1.23 0.00	22.91 -1.60 0.00	30.69 -2.27 0.00	34.50 -2.96 0.00	29.65 -2.86 0.00	26.75 -2.44 0.00	23.49 -2.24 0.00	21.97 -2.13 0.00	22.84 -1.81 0.00	23.64 -1.46 0.00
OLIN_CORP_DRP 24177	16.98 -0.70 0.00	19.14 -0.57 0.00	19.07 -0.55 0.00	18.87 -0.55 0.00	19.77 -0.65 0.00	21.44 -0.70 0.00	24.41 -1.18 0.00	20.85 -1.37 0.00	14.47 -0.89 0.00	14.20 -0.78 0.00	15.29 -0.92 0.00	16.94 -0.84 0.00	16.51 -0.78 0.00	16.54 -1.10 0.00	17.56 -1.46 0.00	22.63 -1.88 0.00	30.39 -2.56 0.00	34.11 -3.35 0.00	29.32 -3.20 0.00	26.47 -2.72 0.00	23.24 -2.48 0.00	21.73 -2.37 0.00	22.66 -1.99 0.00	23.42 -1.69 0.00
OLIN_CORP_DSASP 323712	16.93 -0.75 0.00	19.08 -0.63 0.00	19.01 -0.61 0.00	18.81 -0.61 0.00	19.70 -0.72 0.00	21.38 -0.77 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.29 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.69 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.54 -2.42 0.00	34.29 -3.17 0.00	29.44 -3.08 0.00	26.58 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.26 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
ONEIDA_HERK_LFGE 323681	17.86 0.18 0.00	20.84 0.22 -0.91	19.94 0.32 0.00	19.72 0.30 0.00	20.75 0.33 0.00	22.53 0.39 0.00	26.22 0.63 0.00	22.83 0.61 0.00	15.67 0.31 0.00	15.20 0.22 0.00	16.44 0.23 0.00	18.03 0.25 0.00	17.53 0.24 0.00	17.85 0.20 0.00	19.27 0.25 0.00	25.07 0.56 0.00	34.17 1.22 0.00	38.99 1.53 0.00	33.85 1.33 0.00	30.36 1.17 0.00	26.71 0.99 0.00	24.96 0.86 0.00	25.38 0.73 0.00	25.77 0.66 0.00
ONEIDA___115KV_TB4 55905	17.98 0.30 0.00	20.43 0.34 -0.38	19.99 0.38 0.00	19.82 0.40 0.00	20.91 0.48 0.00	22.69 0.54 0.00	26.29 0.70 0.00	22.83 0.61 0.00	15.66 0.31 0.00	15.18 0.21 0.00	16.40 0.20 0.00	17.98 0.19 0.00	17.47 0.17 0.00	17.80 0.15 0.00	19.20 0.18 0.00	24.94 0.43 0.00	33.85 0.90 0.00	38.61 1.15 0.00	33.50 0.98 0.00	30.03 0.84 0.00	26.43 0.70 0.00	24.73 0.63 0.00	25.22 0.57 0.00	25.65 0.54 0.00
ONONDAGA_REF_OCCRA 23987	17.56 -0.12 0.00	19.60 -0.11 0.00	19.50 -0.11 0.00	19.31 -0.11 0.00	20.32 -0.10 0.00	22.03 -0.11 0.00	25.45 -0.13 0.00	22.09 -0.13 0.00	15.23 -0.12 0.00	14.83 -0.15 0.00	16.03 -0.18 0.00	17.60 -0.18 0.00	17.12 -0.18 0.00	17.45 -0.19 0.00	18.79 -0.23 0.00	24.31 -0.20 0.00	32.76 -0.20 0.00	37.26 -0.20 0.00	32.31 -0.21 0.00	28.99 -0.20 0.00	25.51 -0.22 0.00	23.88 -0.22 0.00	24.42 -0.23 0.00	24.89 -0.22 0.00
ONONDAGA___COGEN 23986	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
ONTARIO___LFGE 23819	17.56 -0.13 0.00	19.64 -0.07 0.00	19.56 -0.06 0.00	19.36 -0.06 0.00	20.42 0.00 0.00	22.20 0.06 0.00	25.62 0.04 0.00	22.24 0.02 0.00	15.27 -0.09 0.00	14.84 -0.14 0.00	15.96 -0.25 0.00	17.55 -0.23 0.00	17.07 -0.23 0.00	17.36 -0.28 0.00	18.63 -0.39 0.00	24.22 -0.29 0.00	32.71 -0.24 0.00	37.27 -0.19 0.00	32.24 -0.28 0.00	28.90 -0.29 0.00	25.41 -0.31 0.00	23.69 -0.41 0.00	24.22 -0.43 0.00	24.72 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	17.18 -0.50 0.00	19.29 -0.42 0.00	19.24 -0.38 0.00	19.07 -0.35 0.00	20.08 -0.34 0.00	21.86 -0.28 0.00	25.08 -0.51 0.00	21.65 -0.57 0.00	14.91 -0.45 0.00	14.57 -0.41 0.00	15.70 -0.51 0.00	17.37 -0.41 0.00	16.92 -0.38 0.00	17.07 -0.58 0.00	18.17 -0.85 0.00	23.57 -0.94 0.00	31.79 -1.17 0.00	35.83 -1.63 0.00	30.78 -1.74 0.00	27.59 -1.60 0.00	24.09 -1.64 0.00	22.39 -1.71 0.00	23.06 -1.59 0.00	23.69 -1.42 0.00
ORANGEVILLE___ESR 323794	17.18 -0.50 0.00	19.29 -0.42 0.00	19.24 -0.38 0.00	19.07 -0.35 0.00	20.08 -0.34 0.00	21.86 -0.28 0.00	25.08 -0.51 0.00	21.65 -0.57 0.00	14.91 -0.45 0.00	14.57 -0.41 0.00	15.70 -0.51 0.00	17.37 -0.41 0.00	16.92 -0.38 0.00	17.07 -0.58 0.00	18.17 -0.85 0.00	23.57 -0.94 0.00	31.79 -1.17 0.00	35.83 -1.63 0.00	30.78 -1.74 0.00	27.59 -1.60 0.00	24.09 -1.64 0.00	22.39 -1.71 0.00	23.06 -1.59 0.00	23.69 -1.42 0.00
OSWEGATCHIE___HYD 24044	17.89 0.21 0.00	24.57 0.29 -4.57	20.08 0.46 0.00	19.85 0.43 0.00	20.91 0.49 0.00	22.78 0.63 0.00	26.67 1.09 0.00	23.36 1.15 0.00	15.88 0.52 0.00	15.30 0.32 0.00	16.53 0.32 0.00	18.19 0.40 0.00	17.71 0.41 0.00	17.98 0.33 0.00	19.34 0.32 0.00	25.33 0.82 0.00	35.11 2.16 0.00	40.20 2.74 0.00	34.93 2.41 0.00	31.35 2.16 0.00	27.61 1.88 0.00	25.68 1.59 0.00	26.00 1.35 0.00	26.37 1.27 0.00
OSWEGO___5 23606	17.27 -0.42 0.00	19.27 -0.44 0.00	19.18 -0.44 0.00	18.99 -0.43 0.00	19.97 -0.45 0.00	21.65 -0.50 0.00	24.98 -0.60 0.00	21.69 -0.53 0.00	14.99 -0.37 0.00	14.61 -0.37 0.00	15.79 -0.41 0.00	17.34 -0.44 0.00	16.86 -0.43 0.00	17.18 -0.46 0.00	18.50 -0.52 0.00	23.88 -0.63 0.00	32.14 -0.81 0.00	36.54 -0.92 0.00	31.68 -0.84 0.00	28.43 -0.76 0.00	25.03 -0.69 0.00	23.45 -0.65 0.00	23.99 -0.65 0.00	24.46 -0.64 0.00

OSWEGO___6 23613	17.27 -0.42 0.00	19.27 -0.44 0.00	19.18 -0.44 0.00	18.99 -0.43 0.00	19.97 -0.45 0.00	21.65 -0.50 0.00	24.98 -0.60 0.00	21.69 -0.53 0.00	14.99 -0.37 0.00	14.61 -0.37 0.00	15.79 -0.41 0.00	17.34 -0.44 0.00	16.86 -0.43 0.00	17.18 -0.46 0.00	18.50 -0.52 0.00	23.88 -0.63 0.00	32.14 -0.81 0.00	36.54 -0.92 0.00	31.68 -0.84 0.00	28.43 -0.76 0.00	25.03 -0.69 0.00	23.45 -0.65 0.00	23.99 -0.65 0.00	24.46 -0.64 0.00
OUTOKUMPU-AB___DRP 24206	17.31 -0.37 0.00	19.48 -0.23 0.00	19.41 -0.21 0.00	19.20 -0.22 0.00	20.14 -0.28 0.00	21.85 -0.30 0.00	24.93 -0.65 0.00	21.45 -0.77 0.00	14.86 -0.49 0.00	14.58 -0.40 0.00	15.70 -0.51 0.00	17.40 -0.39 0.00	16.96 -0.34 0.00	17.01 -0.63 0.00	18.07 -0.95 0.00	23.30 -1.21 0.00	31.30 -1.66 0.00	35.19 -2.27 0.00	30.24 -2.28 0.00	27.27 -1.92 0.00	23.91 -1.82 0.00	22.34 -1.76 0.00	23.23 -1.42 0.00	24.02 -1.09 0.00
OXBOW___BTM 323836	17.15 -0.53 0.00	19.31 -0.40 0.00	19.24 -0.38 0.00	19.04 -0.39 0.00	19.95 -0.47 0.00	21.66 -0.49 0.00	24.69 -0.90 0.00	21.25 -0.96 0.00	14.73 -0.63 0.00	14.46 -0.51 0.00	15.58 -0.62 0.00	17.27 -0.52 0.00	16.83 -0.46 0.00	16.88 -0.77 0.00	17.91 -1.10 0.00	23.09 -1.42 0.00	30.98 -1.98 0.00	34.81 -2.64 0.00	29.90 -2.62 0.00	26.99 -2.21 0.00	23.68 -2.04 0.00	22.14 -1.96 0.00	23.04 -1.61 0.00	23.84 -1.26 0.00
OXBOW____ 24026	17.15 -0.53 0.00	19.31 -0.40 0.00	19.24 -0.38 0.00	19.04 -0.38 0.00	19.95 -0.47 0.00	21.64 -0.50 0.00	24.69 -0.90 0.00	21.25 -0.97 0.00	14.73 -0.63 0.00	14.46 -0.52 0.00	15.58 -0.62 0.00	17.27 -0.52 0.00	16.83 -0.46 0.00	16.88 -0.77 0.00	17.91 -1.10 0.00	23.09 -1.42 0.00	30.98 -1.98 0.00	34.81 -2.65 0.00	29.90 -2.61 0.00	26.99 -2.21 0.00	23.68 -2.04 0.00	22.14 -1.95 0.00	23.04 -1.61 0.00	23.84 -1.26 0.00
OXY_CHEM_DSASP 323612	16.93 -0.75 0.00	19.07 -0.64 0.00	19.01 -0.61 0.00	18.81 -0.62 0.00	19.70 -0.72 0.00	21.36 -0.78 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.28 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.68 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.53 -2.42 0.00	34.27 -3.19 0.00	29.44 -3.08 0.00	26.59 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.25 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
OZONE_PARK_ESR 323760	18.75 1.07 0.00	20.76 1.06 0.00	20.61 0.99 0.00	20.37 0.95 0.00	21.44 1.02 0.00	23.24 1.09 0.00	26.91 1.33 0.00	23.35 1.13 0.00	16.26 0.90 0.00	15.94 0.97 0.00	17.25 1.05 0.00	18.88 1.10 0.00	18.40 1.11 0.00	18.88 1.23 0.00	20.37 1.36 0.00	26.12 1.61 0.00	34.91 1.96 0.00	39.69 2.24 0.00	34.57 2.05 0.00	31.00 1.81 0.00	27.27 1.54 0.00	25.57 1.47 0.00	26.18 1.53 0.00	44.16 1.29 -17.76
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.93 -0.75 0.00	19.07 -0.64 0.00	19.01 -0.61 0.00	18.81 -0.62 0.00	19.70 -0.72 0.00	21.36 -0.78 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.28 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.68 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.53 -2.42 0.00	34.27 -3.19 0.00	29.44 -3.08 0.00	26.59 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.25 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
PACKARD__115KV_DUPONT_184 80571	16.93 -0.75 0.00	19.07 -0.64 0.00	19.01 -0.61 0.00	18.81 -0.62 0.00	19.70 -0.72 0.00	21.36 -0.78 0.00	24.35 -1.24 0.00	20.98 -1.24 0.00	14.55 -0.81 0.00	14.28 -0.69 0.00	15.40 -0.81 0.00	17.07 -0.71 0.00	16.65 -0.64 0.00	16.68 -0.96 0.00	17.70 -1.32 0.00	22.79 -1.72 0.00	30.53 -2.42 0.00	34.27 -3.19 0.00	29.44 -3.08 0.00	26.59 -2.61 0.00	23.35 -2.37 0.00	21.84 -2.25 0.00	22.76 -1.89 0.00	23.58 -1.53 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.55 0.87 0.00	20.55 0.84 0.00	20.40 0.78 0.00	20.17 0.75 0.00	21.22 0.80 0.00	23.00 0.86 0.00	26.69 1.10 0.00	23.13 0.91 0.00	16.10 0.74 0.00	15.76 0.79 0.00	17.07 0.87 0.00	18.64 0.86 0.00	18.18 0.88 0.00	18.63 0.99 0.00	20.12 1.10 0.00	25.82 1.31 0.00	34.50 1.54 0.00	39.20 1.74 0.00	34.15 1.63 0.00	30.61 1.42 0.00	26.92 1.20 0.00	25.25 1.15 0.00	25.86 1.21 0.00	43.86 0.99 -17.76
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.58 0.90 0.00	20.58 0.87 0.00	20.44 0.82 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.04 0.89 0.00	26.75 1.16 0.00	23.18 0.96 0.00	16.16 0.80 0.00	15.81 0.83 0.00	17.12 0.91 0.00	18.67 0.89 0.00	18.18 0.88 0.00	18.64 0.99 0.00	20.12 1.10 0.00	25.82 1.31 0.00	34.52 1.57 0.00	39.31 1.86 0.00	34.21 1.70 0.00	30.68 1.49 0.00	26.96 1.24 0.00	25.27 1.17 0.00	25.87 1.22 0.00	43.86 1.00 -17.76
PATROON__115KV_TB1 80586	17.95 0.27 0.00	19.98 0.27 0.00	19.89 0.27 0.00	19.71 0.29 0.00	20.67 0.24 0.00	22.41 0.26 0.00	25.91 0.33 0.00	22.51 0.29 0.00	15.54 0.18 0.00	15.15 0.18 0.00	16.40 0.19 0.00	17.94 0.15 0.00	17.44 0.15 0.00	17.84 0.19 0.00	19.35 0.33 0.00	24.93 0.42 0.00	33.47 0.52 0.00	38.14 0.68 0.00	33.16 0.64 0.00	29.75 0.56 0.00	26.18 0.45 0.00	24.56 0.46 0.00	25.08 0.43 0.00	25.67 0.57 0.00
PATTRSNVILLE___SOLAR 323815	18.30 0.62 0.00	20.40 0.69 0.00	20.31 0.69 0.00	20.10 0.68 0.00	21.13 0.71 0.00	22.91 0.76 0.00	26.50 0.91 0.00	22.96 0.74 0.00	15.71 0.36 0.00	15.20 0.21 0.00	16.43 0.22 0.00	18.01 0.22 0.00	17.49 0.19 0.00	17.86 0.21 0.00	19.36 0.34 0.00	25.21 0.70 0.00	34.17 1.22 0.00	38.95 1.50 0.00	33.85 1.33 0.00	30.36 1.17 0.00	26.72 1.00 0.00	25.03 0.94 0.00	25.58 0.93 0.00	26.00 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.64 -0.04 0.00	19.82 0.11 0.00	19.75 0.13 0.00	19.54 0.12 0.00	20.53 0.11 0.00	22.30 0.15 0.00	25.50 -0.09 0.00	21.95 -0.27 0.00	15.19 -0.16 0.00	14.93 -0.05 0.00	16.09 -0.11 0.00	17.81 0.03 0.00	17.35 0.05 0.00	17.48 -0.16 0.00	18.59 -0.43 0.00	23.98 -0.53 0.00	32.11 -0.85 0.00	36.19 -1.27 0.00	31.13 -1.39 0.00	28.03 -1.16 0.00	24.58 -1.14 0.00	22.98 -1.11 0.00	23.77 -0.87 0.00	24.55 -0.56 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.61 0.93 0.00	20.63 0.92 0.00	20.49 0.87 0.00	20.27 0.84 0.00	21.32 0.90 0.00	23.13 0.98 0.00	26.78 1.19 0.00	23.23 1.02 0.00	16.15 0.79 0.00	15.81 0.83 0.00	17.10 0.90 0.00	18.72 0.94 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.18 1.16 0.00	25.92 1.42 0.00	34.74 1.78 0.00	39.55 2.09 0.00	34.41 1.89 0.00	30.85 1.66 0.00	27.13 1.41 0.00	25.44 1.35 0.00	26.03 1.38 0.00	26.29 1.19 0.00
PEEKSKILL____ 23653	18.45 0.77 0.00	20.44 0.74 0.00	20.30 0.69 0.00	20.08 0.66 0.00	21.13 0.71 0.00	22.93 0.78 0.00	26.54 0.96 0.00	23.01 0.79 0.00	16.00 0.64 0.00	15.66 0.69 0.00	16.94 0.73 0.00	18.54 0.76 0.00	18.07 0.77 0.00	18.54 0.89 0.00	20.00 0.99 0.00	25.67 1.16 0.00	34.34 1.39 0.00	39.06 1.60 0.00	34.00 1.48 0.00	30.49 1.29 0.00	26.82 1.10 0.00	25.16 1.06 0.00	25.76 1.11 0.00	26.03 0.92 0.00

PGE MADISON___WINDPWR 24146	18.06 0.37 0.00	20.21 0.50 0.00	20.16 0.54 0.00	20.03 0.61 0.00	21.21 0.79 0.00	22.95 0.80 0.00	26.76 1.18 0.00	23.32 1.11 0.00	15.99 0.63 0.00	15.54 0.56 0.00	16.76 0.55 0.00	18.39 0.61 0.00	17.79 0.49 0.00	18.10 0.46 0.00	19.57 0.55 0.00	25.85 1.34 0.00	35.31 2.35 0.00	40.32 2.85 0.00	34.97 2.45 0.00	31.37 2.18 0.00	27.58 1.85 0.00	25.80 1.70 0.00	26.26 1.61 0.00	26.66 1.55 0.00
PIERCEFIELD___HYD 23852	18.19 0.51 -0.01	27.02 0.58 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.06 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.62 1.11 0.00	35.59 2.63 0.00	40.75 3.29 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.96 0.00	26.41 1.76 0.00	26.86 1.75 0.00
PINELAWN_CC_1 323563	18.91 1.23 0.00	20.88 1.17 0.00	20.64 1.02 0.00	20.41 0.99 0.00	21.46 1.04 0.00	23.29 1.14 0.00	26.73 1.14 0.00	22.87 0.66 0.00	15.94 0.59 0.00	15.69 0.71 0.00	16.93 0.73 0.00	18.52 0.74 0.00	18.08 0.79 0.00	18.56 0.91 0.00	21.91 1.26 -1.64	28.13 1.51 -2.11	34.40 1.44 0.00	39.17 1.71 0.00	34.19 1.67 0.00	30.67 1.48 0.00	27.02 1.29 0.00	25.55 1.45 0.00	26.36 1.71 0.00	26.39 1.29 0.00
PJM_GEN_HTP_PROXY 323702	18.02 0.89 0.55	20.57 0.86 0.00	20.42 0.81 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.04 0.89 0.00	26.59 1.08 0.08	23.13 0.90 0.00	16.09 0.74 0.00	16.23 0.80 -0.45	17.07 0.87 0.00	18.68 0.90 0.00	18.21 0.92 0.00	18.68 1.04 0.00	20.16 1.14 0.00	25.84 1.33 0.00	34.54 1.58 0.00	39.27 1.82 0.00	35.31 1.68 -1.11	30.66 1.47 0.00	26.97 1.25 0.00	25.29 1.20 0.00	25.90 1.25 0.00	43.89 1.03 -17.76
PJM_GEN_KEystone 24065	16.79 0.03 0.92	19.73 0.02 0.00	19.63 0.01 0.00	19.41 0.00 0.00	20.48 0.05 0.00	23.06 0.08 -0.83	25.51 0.01 0.08	22.15 -0.07 0.00	15.34 -0.02 0.00	15.50 0.08 -0.45	16.25 0.04 0.00	17.87 0.08 0.00	17.41 0.11 0.00	17.79 0.14 0.00	19.08 0.06 0.00	24.52 0.01 0.00	32.74 -0.21 0.00	37.09 -0.37 0.00	33.24 -0.39 -1.11	28.81 -0.38 0.00	25.33 -0.39 0.00	23.77 -0.33 0.00	24.38 -0.27 0.00	29.73 -0.24 -4.86
PJM_GEN_NEPTUNE_PROXY 323594	18.15 1.02 0.55	20.66 0.96 0.00	20.44 0.82 0.00	20.21 0.79 0.00	21.25 0.83 0.00	23.06 0.91 0.00	26.55 1.04 0.08	22.90 0.68 0.00	15.98 0.63 0.00	16.20 0.78 -0.45	17.00 0.80 0.00	18.62 0.83 0.00	18.18 0.88 0.00	18.70 1.05 0.00	21.21 1.34 -0.84	27.18 1.58 -1.09	34.56 1.61 0.00	39.28 1.82 0.00	35.29 1.66 -1.11	30.62 1.43 0.00	26.95 1.22 0.00	25.30 1.20 0.00	26.05 1.40 0.00	26.15 1.04 0.00
PJM_GEN_VFT_PROXY 323633	17.99 0.86 0.55	20.54 0.83 0.00	20.39 0.77 0.00	20.15 0.73 0.00	21.21 0.79 0.00	23.01 0.87 0.00	26.58 1.07 0.08	23.11 0.89 0.00	16.10 0.74 0.00	16.23 0.80 -0.45	17.07 0.86 0.00	18.68 0.90 0.00	18.21 0.92 0.00	18.69 1.05 0.00	20.16 1.15 0.00	25.85 1.34 0.00	34.56 1.60 0.00	39.27 1.81 0.00	35.32 1.69 -1.11	30.68 1.48 0.00	26.99 1.26 0.00	25.32 1.22 0.00	25.93 1.28 0.00	43.88 1.01 -17.76
PLATSBURG_115KV_PMLD1 355749	17.42 -0.25 0.01	9.19 -0.29 10.22	19.42 -0.20 0.00	19.32 -0.10 0.00	20.47 0.04 0.00	22.35 0.21 0.00	25.94 0.35 0.00	22.76 0.54 0.00	15.73 0.37 0.00	15.30 0.33 0.00	16.57 0.36 0.00	18.25 0.47 0.00	17.80 0.50 0.00	18.10 0.46 0.00	19.40 0.38 0.00	24.94 0.43 0.00	33.63 0.67 0.00	37.89 0.43 0.00	32.92 0.40 0.00	29.63 0.44 0.00	26.36 0.64 0.00	24.58 0.49 0.00	25.15 0.50 0.00	25.74 0.64 0.00
PLEASANTVLY___LBMP 24000	18.36 0.68 0.00	20.36 0.65 0.00	20.23 0.61 0.00	20.02 0.60 0.00	21.04 0.62 0.00	22.82 0.67 0.00	26.40 0.82 0.00	22.89 0.67 0.00	15.91 0.55 0.00	15.58 0.60 0.00	16.86 0.65 0.00	18.46 0.68 0.00	17.98 0.68 0.00	18.43 0.79 0.00	19.88 0.86 0.00	25.52 1.01 0.00	34.16 1.20 0.00	38.86 1.40 0.00	33.82 1.31 0.00	30.32 1.13 0.00	26.68 0.96 0.00	25.03 0.94 0.00	25.62 0.97 0.00	25.90 0.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.50 0.82 0.00	20.51 0.80 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.99 0.84 0.00	26.59 1.01 0.00	23.06 0.84 0.00	16.04 0.68 0.00	15.71 0.74 0.00	17.00 0.79 0.00	18.61 0.82 0.00	18.11 0.82 0.00	18.57 0.93 0.00	20.06 1.04 0.00	25.73 1.22 0.00	34.43 1.47 0.00	39.17 1.71 0.00	34.10 1.58 0.00	30.57 1.37 0.00	26.90 1.17 0.00	25.23 1.13 0.00	25.83 1.18 0.00	26.08 0.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.50 0.82 0.00	20.51 0.80 0.00	20.37 0.75 0.00	20.14 0.72 0.00	21.19 0.77 0.00	22.99 0.84 0.00	26.59 1.01 0.00	23.06 0.84 0.00	16.04 0.68 0.00	15.71 0.74 0.00	17.00 0.79 0.00	18.61 0.82 0.00	18.11 0.82 0.00	18.57 0.93 0.00	20.06 1.04 0.00	25.73 1.22 0.00	34.43 1.47 0.00	39.17 1.71 0.00	34.10 1.58 0.00	30.57 1.37 0.00	26.90 1.17 0.00	25.23 1.13 0.00	25.83 1.18 0.00	26.08 0.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.47 0.79 0.00	20.49 0.79 0.00	20.36 0.74 0.00	20.15 0.73 0.00	21.18 0.76 0.00	22.97 0.83 0.00	26.59 1.01 0.00	23.07 0.85 0.00	16.01 0.66 0.00	15.66 0.68 0.00	16.94 0.73 0.00	18.53 0.75 0.00	18.05 0.75 0.00	18.49 0.85 0.00	19.97 0.95 0.00	25.68 1.17 0.00	34.47 1.51 0.00	39.22 1.76 0.00	34.14 1.62 0.00	30.61 1.41 0.00	26.93 1.20 0.00	25.25 1.16 0.00	25.83 1.18 0.00	26.13 1.02 0.00
POLETTI___ 23519	18.59 0.91 0.00	20.60 0.89 0.00	20.45 0.83 0.00	20.21 0.79 0.00	21.27 0.85 0.00	23.04 0.90 0.00	26.67 1.09 0.00	23.13 0.91 0.00	16.11 0.75 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.07 0.00	20.19 1.17 0.00	25.85 1.34 0.00	34.55 1.59 0.00	39.26 1.80 0.00	34.20 1.68 0.00	30.67 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.92 1.27 0.00	43.89 1.03 -17.76
POMONA___ESR 323819	18.45 0.77 0.00	20.44 0.73 0.00	20.29 0.67 0.00	20.07 0.65 0.00	21.13 0.71 0.00	22.94 0.79 0.00	26.56 0.97 0.00	23.02 0.80 0.00	16.00 0.64 0.00	15.65 0.67 0.00	16.93 0.72 0.00	18.53 0.75 0.00	18.06 0.76 0.00	18.53 0.88 0.00	20.00 0.98 0.00	25.67 1.16 0.00	34.33 1.38 0.00	39.06 1.60 0.00	33.99 1.47 0.00	30.46 1.27 0.00	26.81 1.08 0.00	25.15 1.06 0.00	25.75 1.10 0.00	26.02 0.92 0.00
PORT_JEFF_3 23555	18.98 1.30 0.00	20.95 1.24 0.00	20.69 1.07 0.00	20.46 1.04 0.00	21.52 1.10 0.00	23.35 1.20 0.00	26.93 1.34 0.00	23.11 0.89 0.00	16.13 0.78 0.00	15.87 0.89 0.00	17.12 0.91 0.00	18.73 0.94 0.00	18.32 1.02 0.00	18.88 1.23 0.00	22.29 1.63 -1.64	28.60 1.99 -2.11	34.99 2.04 0.00	39.82 2.37 0.00	34.64 2.12 0.00	31.02 1.83 0.00	27.31 1.59 0.00	25.65 1.55 0.00	26.44 1.79 0.00	26.33 1.23 0.00

PORT_JEFF_4 23616	18.98 1.30 0.00	20.95 1.24 0.00	20.69 1.07 0.00	20.46 1.04 0.00	21.52 1.10 0.00	23.35 1.20 0.00	26.93 1.34 0.00	23.11 0.89 0.00	16.13 0.78 0.00	15.87 0.89 0.00	17.12 0.91 0.00	18.73 0.94 0.00	18.32 1.02 0.00	18.88 1.23 0.00	22.29 1.63 -1.64	28.60 1.99 -2.11	34.99 2.04 0.00	39.82 2.37 0.00	34.64 2.12 0.00	31.02 1.83 0.00	27.31 1.59 0.00	25.65 1.55 0.00	26.44 1.79 0.00	26.33 1.23 0.00
PORT_JEFF_IC 23713	18.99 1.31 0.00	20.96 1.25 0.00	20.71 1.09 0.00	20.48 1.06 0.00	21.53 1.11 0.00	23.36 1.22 0.00	26.93 1.35 0.00	23.13 0.91 0.00	16.15 0.79 0.00	15.88 0.90 0.00	17.13 0.92 0.00	18.74 0.96 0.00	18.33 1.04 0.00	18.89 1.25 0.00	22.31 1.65 -1.64	28.63 2.02 -2.11	35.05 2.09 0.00	39.89 2.43 0.00	34.69 2.17 0.00	31.06 1.87 0.00	27.34 1.62 0.00	25.68 1.58 0.00	26.47 1.82 0.00	26.32 1.22 0.00
PPL_PILGRIM_ST_GT1 24216	19.02 1.33 0.00	20.99 1.28 0.00	20.73 1.11 0.00	20.51 1.09 0.00	21.56 1.14 0.00	23.40 1.25 0.00	26.99 1.40 0.00	23.15 0.93 0.00	16.16 0.80 0.00	15.91 0.93 0.00	17.17 0.96 0.00	18.78 0.99 0.00	18.35 1.05 0.00	18.90 1.26 0.00	22.29 1.64 -1.64	28.59 1.98 -2.11	34.93 1.97 0.00	39.73 2.27 0.00	34.62 2.10 0.00	31.03 1.84 0.00	27.29 1.56 0.00	25.63 1.53 0.00	26.45 1.80 0.00	26.46 1.36 0.00
PPL_PILGRIM_ST_GT2 24217	19.02 1.33 0.00	20.99 1.28 0.00	20.73 1.11 0.00	20.51 1.09 0.00	21.56 1.14 0.00	23.40 1.25 0.00	26.99 1.40 0.00	23.15 0.93 0.00	16.16 0.80 0.00	15.91 0.93 0.00	17.17 0.96 0.00	18.78 0.99 0.00	18.35 1.05 0.00	18.90 1.26 0.00	22.29 1.64 -1.64	28.59 1.98 -2.11	34.93 1.97 0.00	39.73 2.27 0.00	34.62 2.10 0.00	31.03 1.84 0.00	27.29 1.56 0.00	25.63 1.53 0.00	26.45 1.80 0.00	26.46 1.36 0.00
PPL_SHRM_GT3 24213	18.98 1.30 0.00	20.94 1.23 0.00	20.68 1.07 0.00	20.46 1.04 0.00	21.51 1.09 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.77 0.00	15.83 0.86 0.00	17.07 0.86 0.00	18.64 0.86 0.00	18.30 1.00 0.00	18.88 1.24 0.00	22.35 1.70 -1.64	28.73 2.12 -2.11	35.18 2.22 0.00	40.05 2.60 0.00	34.80 2.29 0.00	31.15 1.96 0.00	27.44 1.71 0.00	25.78 1.68 0.00	26.54 1.89 0.00	25.95 0.84 0.00
PPL_SHRM_GT4 24214	18.98 1.30 0.00	20.94 1.23 0.00	20.68 1.07 0.00	20.46 1.04 0.00	21.51 1.09 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.77 0.00	15.83 0.86 0.00	17.07 0.86 0.00	18.64 0.86 0.00	18.30 1.00 0.00	18.88 1.24 0.00	22.35 1.70 -1.64	28.73 2.12 -2.11	35.18 2.22 0.00	40.05 2.60 0.00	34.80 2.29 0.00	31.15 1.96 0.00	27.44 1.71 0.00	25.78 1.68 0.00	26.54 1.89 0.00	25.95 0.84 0.00
PROJECT___ORANGE 1 24174	17.47 -0.22 0.00	19.49 -0.22 0.00	19.40 -0.22 0.00	19.20 -0.22 0.00	20.21 -0.21 0.00	21.90 -0.24 0.00	25.29 -0.30 0.00	21.95 -0.28 0.00	15.15 -0.21 0.00	14.76 -0.22 0.00	15.95 -0.26 0.00	17.53 -0.26 0.00	17.04 -0.26 0.00	17.36 -0.28 0.00	18.70 -0.32 0.00	24.17 -0.34 0.00	32.54 -0.41 0.00	36.99 -0.47 0.00	32.07 -0.45 0.00	28.78 -0.41 0.00	25.33 -0.40 0.00	23.71 -0.38 0.00	24.26 -0.39 0.00	24.73 -0.38 0.00
PROJECT___ORANGE 2 24166	17.47 -0.22 0.00	19.49 -0.22 0.00	19.40 -0.22 0.00	19.20 -0.22 0.00	20.21 -0.21 0.00	21.90 -0.24 0.00	25.29 -0.30 0.00	21.95 -0.28 0.00	15.15 -0.21 0.00	14.76 -0.22 0.00	15.95 -0.26 0.00	17.53 -0.26 0.00	17.04 -0.26 0.00	17.36 -0.28 0.00	18.70 -0.32 0.00	24.17 -0.34 0.00	32.54 -0.41 0.00	36.99 -0.47 0.00	32.07 -0.45 0.00	28.78 -0.41 0.00	25.33 -0.40 0.00	23.71 -0.38 0.00	24.26 -0.39 0.00	24.73 -0.38 0.00
PUCKETT___SOLAR 323809	17.69 0.00 0.00	19.76 0.05 0.00	19.67 0.05 0.00	19.51 0.09 0.00	20.62 0.19 0.00	22.35 0.20 0.00	25.81 0.22 0.00	22.41 0.19 0.00	15.43 0.07 0.00	15.05 0.08 0.00	16.24 0.03 0.00	17.84 0.05 0.00	17.32 0.03 0.00	17.69 0.04 0.00	19.05 0.03 0.00	24.78 0.27 0.00	33.48 0.53 0.00	38.07 0.61 0.00	33.03 0.51 0.00	29.63 0.44 0.00	26.05 0.33 0.00	24.40 0.30 0.00	24.90 0.25 0.00	25.36 0.26 0.00
PYRITES___HYD 24023	18.67 0.98 -0.01	27.54 1.11 -6.73	20.87 1.25 0.00	20.67 1.25 0.00	21.83 1.41 0.00	23.83 1.68 0.00	27.96 2.38 0.00	24.53 2.31 0.00	16.45 1.09 0.00	15.73 0.76 0.00	16.96 0.76 0.00	18.68 0.90 0.00	18.22 0.92 0.00	18.51 0.87 0.00	19.87 0.85 0.00	26.03 1.52 0.00	36.50 3.55 0.00	41.99 4.53 0.00	36.49 3.97 0.00	32.76 3.57 0.00	28.86 3.14 0.00	26.79 2.70 0.00	27.13 2.48 0.00	27.55 2.45 0.00
QUAKERRD_115KV_BK1 80622	17.01 -0.68 0.00	19.04 -0.67 0.00	18.96 -0.66 0.00	18.76 -0.66 0.00	19.71 -0.71 0.00	21.37 -0.78 0.00	24.58 -1.01 0.00	21.27 -0.94 0.00	14.70 -0.66 0.00	14.35 -0.62 0.00	15.49 -0.71 0.00	17.07 -0.72 0.00	16.61 -0.68 0.00	16.82 -0.82 0.00	18.01 -1.00 0.00	23.30 -1.21 0.00	31.39 -1.57 0.00	35.56 -1.90 0.00	30.71 -1.81 0.00	27.60 -1.59 0.00	24.26 -1.46 0.00	22.68 -1.41 0.00	23.35 -1.30 0.00	23.94 -1.17 0.00
QUEENSBRY_115KV_TB8 356137	18.80 1.12 0.00	20.97 1.26 0.00	20.87 1.25 0.00	20.65 1.23 0.00	21.70 1.28 0.00	23.55 1.41 0.00	27.33 1.74 0.00	23.77 1.55 0.00	16.30 0.94 0.00	15.71 0.74 0.00	16.98 0.77 0.00	18.58 0.80 0.00	17.99 0.70 0.00	18.43 0.78 0.00	20.22 1.20 0.00	26.17 1.66 0.00	35.47 2.51 0.00	40.47 3.01 0.00	35.21 2.70 0.00	31.57 2.38 0.00	27.68 1.96 0.00	25.90 1.81 0.00	26.45 1.80 0.00	26.84 1.74 0.00
RAMAPO___LBMP 323565	18.38 0.70 0.00	20.36 0.65 0.00	20.23 0.61 0.00	20.01 0.59 0.00	21.06 0.64 0.00	22.87 0.72 0.00	26.48 0.89 0.00	22.95 0.73 0.00	15.95 0.59 0.00	15.59 0.62 0.00	16.87 0.66 0.00	18.46 0.68 0.00	17.99 0.69 0.00	18.45 0.81 0.00	19.92 0.90 0.00	25.56 1.05 0.00	34.20 1.25 0.00	38.92 1.46 0.00	33.86 1.34 0.00	30.35 1.15 0.00	26.71 0.98 0.00	25.06 0.96 0.00	25.65 1.01 0.00	25.93 0.82 0.00
RANKINE____ 23646	17.41 -0.27 0.00	19.57 -0.14 0.00	19.50 -0.12 0.00	19.30 -0.12 0.00	20.26 -0.16 0.00	22.00 -0.14 0.00	25.17 -0.42 0.00	21.67 -0.55 0.00	15.01 -0.35 0.00	14.73 -0.25 0.00	15.87 -0.34 0.00	17.57 -0.22 0.00	17.13 -0.17 0.00	17.21 -0.43 0.00	18.29 -0.73 0.00	23.61 -0.90 0.00	31.69 -1.27 0.00	35.68 -1.78 0.00	30.66 -1.86 0.00	27.61 -1.58 0.00	24.17 -1.55 0.00	22.56 -1.53 0.00	23.38 -1.27 0.00	24.15 -0.95 0.00
RAVENSWOOD_GT2_1 24244	18.60 0.92 0.00	20.60 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.12 0.00	23.16 0.94 0.00	16.12 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.72 0.94 0.00	18.25 0.95 0.00	18.71 1.07 0.00	20.20 1.18 0.00	25.88 1.37 0.00	34.59 1.63 0.00	39.32 1.87 0.00	34.24 1.73 0.00	30.71 1.52 0.00	27.01 1.29 0.00	25.33 1.24 0.00	25.94 1.30 0.00	43.93 1.06 -17.76

RAVENSWOOD_GT2_2 24245	18.60 0.92 0.00	20.60 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.85 0.00	23.07 0.92 0.00	26.71 1.12 0.00	23.16 0.94 0.00	16.12 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.72 0.94 0.00	18.25 0.95 0.00	18.71 1.07 0.00	20.20 1.18 0.00	25.88 1.37 0.00	34.59 1.63 0.00	39.32 1.87 0.00	34.24 1.73 0.00	30.71 1.52 0.00	27.01 1.29 0.00	25.33 1.24 0.00	25.94 1.30 0.00	43.93 1.06 -17.76
RAVENSWOOD_GT2_3 24246	18.61 0.93 0.00	20.61 0.91 0.00	20.46 0.84 0.00	20.23 0.81 0.00	21.29 0.86 0.00	23.08 0.93 0.00	26.72 1.13 0.00	23.17 0.95 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.12 0.91 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.18 0.00	25.89 1.39 0.00	34.61 1.65 0.00	39.33 1.88 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT2_4 24247	18.61 0.93 0.00	20.61 0.91 0.00	20.46 0.84 0.00	20.23 0.81 0.00	21.29 0.86 0.00	23.08 0.93 0.00	26.72 1.13 0.00	23.17 0.95 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.12 0.91 0.00	18.73 0.94 0.00	18.25 0.96 0.00	18.72 1.08 0.00	20.20 1.18 0.00	25.89 1.39 0.00	34.61 1.65 0.00	39.33 1.88 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT3_1 24248	18.60 0.92 0.00	20.60 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.92 0.00	26.71 1.12 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.88 1.37 0.00	34.59 1.63 0.00	39.33 1.87 0.00	34.25 1.73 0.00	30.71 1.52 0.00	27.02 1.29 0.00	25.34 1.24 0.00	25.95 1.30 0.00	43.93 1.06 -17.76
RAVENSWOOD_GT3_2 24249	18.60 0.92 0.00	20.60 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.92 0.00	26.71 1.12 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.88 1.37 0.00	34.59 1.63 0.00	39.33 1.87 0.00	34.25 1.73 0.00	30.71 1.52 0.00	27.02 1.29 0.00	25.34 1.24 0.00	25.95 1.30 0.00	43.93 1.06 -17.76
RAVENSWOOD_GT3_3 24250	18.62 0.94 0.00	20.63 0.92 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.10 0.95 0.00	26.74 1.16 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.75 0.97 0.00	18.28 0.98 0.00	18.74 1.10 0.00	20.23 1.21 0.00	25.92 1.41 0.00	34.64 1.68 0.00	39.38 1.92 0.00	34.30 1.78 0.00	30.75 1.56 0.00	27.06 1.33 0.00	25.37 1.28 0.00	25.98 1.33 0.00	43.96 1.09 -17.76
RAVENSWOOD_GT3_4 24251	18.62 0.94 0.00	20.63 0.92 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.10 0.95 0.00	26.74 1.16 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.75 0.97 0.00	18.28 0.98 0.00	18.74 1.10 0.00	20.23 1.21 0.00	25.92 1.41 0.00	34.64 1.68 0.00	39.38 1.92 0.00	34.30 1.78 0.00	30.75 1.56 0.00	27.06 1.33 0.00	25.37 1.28 0.00	25.98 1.33 0.00	43.96 1.09 -17.76
RAVENSWOOD_GT_1 23729	18.63 0.95 0.00	20.64 0.93 0.00	20.48 0.86 0.00	20.25 0.83 0.00	21.30 0.88 0.00	23.08 0.94 0.00	26.73 1.15 0.00	23.19 0.97 0.00	16.15 0.79 0.00	15.83 0.85 0.00	17.14 0.93 0.00	18.74 0.95 0.00	18.26 0.97 0.00	18.73 1.08 0.00	20.21 1.19 0.00	25.89 1.38 0.00	34.58 1.62 0.00	39.29 1.84 0.00	34.24 1.73 0.00	30.71 1.52 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.94 1.30 0.00	43.92 1.06 -17.76
RAVENSWOOD_GT_10 24258	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.25 1.74 0.00	30.72 1.52 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.95 1.30 0.00	43.93 1.07 -17.76
RAVENSWOOD_GT_11 24259	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.25 1.74 0.00	30.72 1.52 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.95 1.30 0.00	43.93 1.07 -17.76
RAVENSWOOD_GT_4 24252	18.61 0.92 0.00	20.61 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.29 0.87 0.00	23.08 0.94 0.00	26.73 1.14 0.00	23.18 0.96 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.95 0.00	18.25 0.96 0.00	18.73 1.08 0.00	20.21 1.19 0.00	25.90 1.39 0.00	34.61 1.66 0.00	39.35 1.89 0.00	34.26 1.75 0.00	30.73 1.54 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT_5 24254	18.61 0.92 0.00	20.61 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.29 0.87 0.00	23.08 0.94 0.00	26.73 1.14 0.00	23.18 0.96 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.95 0.00	18.25 0.96 0.00	18.73 1.08 0.00	20.21 1.19 0.00	25.90 1.39 0.00	34.61 1.66 0.00	39.35 1.89 0.00	34.26 1.75 0.00	30.73 1.54 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT_6 24253	18.61 0.92 0.00	20.61 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.29 0.87 0.00	23.08 0.94 0.00	26.73 1.14 0.00	23.18 0.96 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.95 0.00	18.25 0.96 0.00	18.73 1.08 0.00	20.21 1.19 0.00	25.90 1.39 0.00	34.61 1.66 0.00	39.35 1.89 0.00	34.26 1.75 0.00	30.73 1.54 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT_7 24255	18.61 0.92 0.00	20.61 0.91 0.00	20.46 0.85 0.00	20.23 0.81 0.00	21.29 0.87 0.00	23.08 0.94 0.00	26.73 1.14 0.00	23.18 0.96 0.00	16.13 0.78 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.95 0.00	18.25 0.96 0.00	18.73 1.08 0.00	20.21 1.19 0.00	25.90 1.39 0.00	34.61 1.66 0.00	39.35 1.89 0.00	34.26 1.75 0.00	30.73 1.54 0.00	27.03 1.30 0.00	25.35 1.25 0.00	25.95 1.31 0.00	43.94 1.07 -17.76
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.25 1.74 0.00	30.72 1.52 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.95 1.30 0.00	43.93 1.07 -17.76

RAVENSWOOD_GT_9 24257	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.93 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.33 1.87 0.00	34.25 1.74 0.00	30.72 1.52 0.00	27.02 1.30 0.00	25.34 1.25 0.00	25.95 1.30 0.00	43.93 1.07 -17.76
RAVENSWOOD___1 23533	18.58 0.90 0.00	20.58 0.88 0.00	20.43 0.81 0.00	20.20 0.78 0.00	21.25 0.83 0.00	23.03 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.70 0.91 0.00	18.23 0.93 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.53 1.58 0.00	39.24 1.78 0.00	34.18 1.67 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.31 1.22 0.00	25.92 1.27 0.00	43.89 1.03 -17.76
RAVENSWOOD___2 23534	18.58 0.90 0.00	20.58 0.88 0.00	20.43 0.81 0.00	20.20 0.78 0.00	21.25 0.83 0.00	23.03 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.70 0.91 0.00	18.23 0.93 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.53 1.58 0.00	39.24 1.78 0.00	34.18 1.67 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.31 1.22 0.00	25.92 1.27 0.00	43.89 1.03 -17.76
RAVENSWOOD___3 23535	18.60 0.92 0.00	20.61 0.90 0.00	20.46 0.84 0.00	20.22 0.80 0.00	21.28 0.86 0.00	23.07 0.92 0.00	26.71 1.13 0.00	23.17 0.95 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.88 1.37 0.00	34.59 1.64 0.00	39.33 1.87 0.00	34.25 1.73 0.00	30.71 1.52 0.00	27.02 1.30 0.00	25.34 1.24 0.00	25.95 1.30 0.00	43.93 1.06 -17.76
RAVENSWOOD___4 23820	18.58 0.90 0.00	20.58 0.88 0.00	20.43 0.81 0.00	20.20 0.78 0.00	21.25 0.83 0.00	23.03 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.70 0.91 0.00	18.23 0.93 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.53 1.58 0.00	39.24 1.78 0.00	34.18 1.67 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.31 1.22 0.00	25.92 1.27 0.00	43.89 1.03 -17.76
RCPI_TRUST___DRP 24196	18.61 0.92 0.00	20.62 0.91 0.00	20.47 0.85 0.00	20.24 0.82 0.00	21.29 0.87 0.00	23.09 0.94 0.00	26.72 1.14 0.00	23.17 0.96 0.00	16.13 0.77 0.00	15.81 0.83 0.00	17.11 0.90 0.00	18.73 0.94 0.00	18.25 0.95 0.00	18.72 1.07 0.00	20.20 1.18 0.00	25.89 1.39 0.00	34.61 1.65 0.00	39.34 1.88 0.00	34.26 1.74 0.00	30.72 1.53 0.00	27.01 1.28 0.00	25.32 1.23 0.00	25.92 1.28 0.00	43.92 1.06 -17.76
RED___ROCHESTER 323720	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.19 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.90 -0.25 0.00	25.14 -0.45 0.00	21.74 -0.47 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.27 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.07 -0.89 0.00	36.31 -1.15 0.00	31.33 -1.18 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.13 -0.96 0.00	23.85 -0.80 0.00	24.48 -0.62 0.00
REGAN___SOLAR 323812	18.70 1.02 0.00	20.87 1.17 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.66 1.24 0.00	23.51 1.36 0.00	27.20 1.62 0.00	23.49 1.27 0.00	15.79 0.44 0.00	15.07 0.09 0.00	16.31 0.10 0.00	17.91 0.12 0.00	17.38 0.08 0.00	17.68 0.04 0.00	19.15 0.13 0.00	25.39 0.88 0.00	35.09 2.14 0.00	40.14 2.68 0.00	34.83 2.31 0.00	31.22 2.03 0.00	27.48 1.75 0.00	25.71 1.61 0.00	26.26 1.61 0.00	26.66 1.55 0.00
RENSSELAER___COGEN 23796	17.85 0.16 0.00	19.87 0.16 0.00	19.78 0.16 0.00	19.60 0.17 0.00	20.56 0.13 0.00	22.28 0.13 0.00	25.76 0.18 0.00	22.39 0.16 0.00	15.46 0.10 0.00	15.08 0.10 0.00	16.31 0.11 0.00	17.85 0.06 0.00	17.35 0.06 0.00	17.74 0.10 0.00	19.23 0.21 0.00	24.76 0.25 0.00	33.25 0.29 0.00	37.88 0.42 0.00	32.95 0.43 0.00	29.56 0.36 0.00	26.02 0.29 0.00	24.41 0.32 0.00	24.93 0.28 0.00	25.53 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.44 1.76 0.00	21.70 2.00 0.00	21.59 1.97 0.00	21.38 1.96 0.00	22.44 2.02 0.00	24.41 2.26 0.00	28.45 2.87 0.00	24.85 2.64 0.00	16.89 1.53 0.00	16.16 1.18 0.00	17.45 1.24 0.00	19.10 1.31 0.00	18.48 1.18 0.00	18.93 1.29 0.00	21.17 2.15 0.00	27.28 2.77 0.00	37.32 4.36 0.00	42.64 5.18 0.00	37.27 4.75 0.00	33.44 4.25 0.00	29.13 3.41 0.00	27.21 3.11 0.00	27.58 2.93 0.00	27.93 2.82 0.00
REVERE_CPFR_DRP 24186	18.10 0.42 0.00	20.75 0.47 -0.58	20.14 0.52 0.00	19.95 0.53 0.00	21.03 0.61 0.00	22.84 0.70 0.00	26.50 0.92 0.00	23.04 0.82 0.00	15.79 0.43 0.00	15.28 0.30 0.00	16.51 0.30 0.00	18.09 0.30 0.00	17.58 0.28 0.00	17.90 0.25 0.00	19.34 0.32 0.00	25.18 0.67 0.00	34.31 1.35 0.00	39.14 1.68 0.00	33.96 1.44 0.00	30.44 1.25 0.00	26.79 1.06 0.00	25.03 0.94 0.00	25.50 0.85 0.00	25.93 0.82 0.00
REYNOLDS_115KV_TB3 80639	18.00 0.32 0.00	20.06 0.35 0.00	19.97 0.35 0.00	19.77 0.35 0.00	20.74 0.32 0.00	22.49 0.35 0.00	26.00 0.41 0.00	22.57 0.36 0.00	15.59 0.24 0.00	15.18 0.21 0.00	16.42 0.21 0.00	17.96 0.18 0.00	17.47 0.17 0.00	17.86 0.22 0.00	19.39 0.37 0.00	24.96 0.45 0.00	33.52 0.57 0.00	38.21 0.74 0.00	33.23 0.71 0.00	29.81 0.62 0.00	26.25 0.52 0.00	24.62 0.53 0.00	25.15 0.50 0.00	25.69 0.58 0.00
RIVERBAY____ 323610	18.58 0.90 0.00	20.58 0.87 0.00	20.44 0.82 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.04 0.89 0.00	26.75 1.16 0.00	23.18 0.96 0.00	16.16 0.80 0.00	15.81 0.83 0.00	17.12 0.91 0.00	18.67 0.89 0.00	18.18 0.88 0.00	18.64 0.99 0.00	20.12 1.10 0.00	25.82 1.31 0.00	34.52 1.57 0.00	39.31 1.86 0.00	34.21 1.70 0.00	30.68 1.49 0.00	26.96 1.24 0.00	25.27 1.17 0.00	25.87 1.22 0.00	43.86 1.00 -17.76
RIVERSIDE_115KV_TB3 55908	17.93 0.25 0.00	19.97 0.26 0.00	19.88 0.26 0.00	19.69 0.27 0.00	20.66 0.23 0.00	22.39 0.25 0.00	25.89 0.30 0.00	22.49 0.27 0.00	15.53 0.18 0.00	15.14 0.16 0.00	16.38 0.17 0.00	17.92 0.13 0.00	17.42 0.12 0.00	17.81 0.17 0.00	19.33 0.31 0.00	24.88 0.37 0.00	33.42 0.46 0.00	38.07 0.61 0.00	33.11 0.60 0.00	29.71 0.51 0.00	26.14 0.42 0.00	24.53 0.44 0.00	25.06 0.41 0.00	25.63 0.53 0.00
ROARING___BROOK_WT_PWR 323790	17.27 -0.41 0.00	18.95 -0.39 0.36	19.36 -0.26 0.00	19.16 -0.26 0.00	20.13 -0.29 0.00	21.86 -0.29 0.00	25.33 -0.25 0.00	22.07 -0.15 0.00	15.25 -0.11 0.00	14.95 -0.03 0.00	16.22 0.01 0.00	17.82 0.04 0.00	17.35 0.05 0.00	17.67 0.02 0.00	19.02 0.00 0.00	24.48 -0.03 0.00	32.95 -0.01 0.00	37.40 -0.06 0.00	32.45 -0.07 0.00	29.16 -0.03 0.00	25.74 0.01 0.00	24.04 -0.06 0.00	24.40 -0.25 0.00	24.81 -0.30 0.00

ROCHESRG_115KV_T4 355643	17.26 -0.42 0.00	19.34 -0.37 0.00	19.26 -0.35 0.00	19.06 -0.37 0.00	20.01 -0.41 0.00	21.70 -0.44 0.00	24.91 -0.68 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.55 -0.42 0.00	15.71 -0.50 0.00	17.33 -0.46 0.00	16.88 -0.42 0.00	17.06 -0.59 0.00	18.23 -0.78 0.00	23.56 -0.95 0.00	31.72 -1.23 0.00	35.90 -1.56 0.00	30.97 -1.55 0.00	27.86 -1.33 0.00	24.48 -1.25 0.00	22.89 -1.20 0.00	23.61 -1.04 0.00	24.24 -0.86 0.00
ROCHESTER_9_IC 23652	17.34 -0.34 0.00	19.43 -0.28 0.00	19.35 -0.27 0.00	19.14 -0.28 0.00	20.10 -0.32 0.00	21.80 -0.34 0.00	25.04 -0.55 0.00	21.65 -0.57 0.00	14.96 -0.39 0.00	14.62 -0.36 0.00	15.78 -0.43 0.00	17.40 -0.38 0.00	16.96 -0.34 0.00	17.13 -0.51 0.00	18.32 -0.70 0.00	23.68 -0.83 0.00	31.90 -1.06 0.00	36.11 -1.35 0.00	31.16 -1.35 0.00	28.03 -1.16 0.00	24.63 -1.10 0.00	23.02 -1.08 0.00	23.73 -0.92 0.00	24.37 -0.74 0.00
ROCKVIEW_13_KV_LD 356306	18.58 0.89 0.00	20.58 0.87 0.00	20.43 0.81 0.00	20.20 0.78 0.00	21.25 0.83 0.00	23.05 0.90 0.00	26.68 1.09 0.00	23.14 0.92 0.00	16.10 0.74 0.00	15.77 0.80 0.00	17.07 0.86 0.00	18.69 0.91 0.00	18.22 0.92 0.00	18.69 1.04 0.00	20.17 1.15 0.00	25.87 1.36 0.00	34.60 1.65 0.00	39.37 1.91 0.00	34.28 1.76 0.00	30.73 1.54 0.00	27.04 1.31 0.00	25.36 1.27 0.00	25.96 1.32 0.00	26.20 1.10 0.00
ROME____115KV_TB2 80656	18.10 0.42 0.00	20.75 0.47 -0.58	20.14 0.52 0.00	19.95 0.53 0.00	21.03 0.61 0.00	22.84 0.70 0.00	26.50 0.92 0.00	23.04 0.82 0.00	15.79 0.43 0.00	15.28 0.30 0.00	16.51 0.30 0.00	18.09 0.30 0.00	17.58 0.28 0.00	17.90 0.25 0.00	19.34 0.32 0.00	25.18 0.67 0.00	34.31 1.35 0.00	39.14 1.68 0.00	33.96 1.44 0.00	30.44 1.25 0.00	26.79 1.06 0.00	25.03 0.94 0.00	25.50 0.85 0.00	25.93 0.82 0.00
ROSETON____1 23587	18.36 0.68 0.00	20.36 0.66 0.00	20.23 0.61 0.00	20.01 0.59 0.00	21.06 0.63 0.00	22.82 0.68 0.00	26.42 0.83 0.00	22.91 0.69 0.00	15.92 0.56 0.00	15.58 0.61 0.00	16.86 0.65 0.00	18.46 0.67 0.00	17.98 0.68 0.00	18.43 0.79 0.00	19.88 0.87 0.00	25.53 1.01 0.00	34.17 1.21 0.00	38.87 1.42 0.00	33.83 1.31 0.00	30.33 1.14 0.00	26.69 0.97 0.00	25.03 0.94 0.00	25.63 0.98 0.00	25.91 0.80 0.00
ROSETON____2 23588	18.36 0.68 0.00	20.36 0.66 0.00	20.23 0.61 0.00	20.01 0.59 0.00	21.06 0.63 0.00	22.82 0.68 0.00	26.42 0.83 0.00	22.91 0.69 0.00	15.92 0.56 0.00	15.58 0.61 0.00	16.86 0.65 0.00	18.46 0.67 0.00	17.98 0.68 0.00	18.43 0.79 0.00	19.88 0.87 0.00	25.53 1.01 0.00	34.17 1.21 0.00	38.87 1.42 0.00	33.83 1.31 0.00	30.33 1.14 0.00	26.69 0.97 0.00	25.03 0.94 0.00	25.63 0.98 0.00	25.91 0.80 0.00
ROTRRDAM_115KV_TB3 80664	18.18 0.49 0.00	20.25 0.54 0.00	20.15 0.53 0.00	19.94 0.52 0.00	20.96 0.53 0.00	22.71 0.57 0.00	26.27 0.69 0.00	22.80 0.58 0.00	15.71 0.35 0.00	15.25 0.27 0.00	16.50 0.29 0.00	18.07 0.29 0.00	17.56 0.26 0.00	17.94 0.30 0.00	19.44 0.43 0.00	25.14 0.63 0.00	33.90 0.95 0.00	38.61 1.15 0.00	33.56 1.04 0.00	30.11 0.91 0.00	26.49 0.77 0.00	24.83 0.73 0.00	25.38 0.73 0.00	25.81 0.70 0.00
RUSSELL____1 23602	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
RUSSELL____2 23532	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
RUSSELL____3 23549	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
RUSSELL____4 23556	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
RUSSELL____STATION 23914	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
S SALMON____HYD 24043	17.40 -0.28 0.00	20.19 -0.23 -0.72	19.44 -0.18 0.00	19.20 -0.22 0.00	20.16 -0.26 0.00	21.87 -0.27 0.00	25.33 -0.25 0.00	22.05 -0.17 0.00	15.18 -0.18 0.00	14.73 -0.25 0.00	15.94 -0.26 0.00	17.50 -0.28 0.00	17.02 -0.28 0.00	17.32 -0.32 0.00	18.66 -0.36 0.00	24.25 -0.26 0.00	32.96 0.00 0.00	37.54 0.08 0.00	32.59 0.07 0.00	29.25 0.05 0.00	25.77 0.05 0.00	24.08 -0.01 0.00	24.54 -0.10 0.00	24.93 -0.18 0.00
S.PERRY__115KV_TB1 80734	17.77 0.09 0.00	19.90 0.19 0.00	19.85 0.23 0.00	19.66 0.23 0.00	20.70 0.28 0.00	22.56 0.41 0.00	25.95 0.37 0.00	22.47 0.25 0.00	15.34 -0.02 0.00	14.81 -0.16 0.00	15.97 -0.24 0.00	17.62 -0.17 0.00	17.15 -0.15 0.00	17.34 -0.31 0.00	18.50 -0.52 0.00	24.04 -0.47 0.00	32.81 -0.14 0.00	37.52 0.06 0.00	32.34 -0.18 0.00	29.01 -0.19 0.00	25.35 -0.37 0.00	23.57 -0.53 0.00	24.20 -0.45 0.00	24.75 -0.36 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.21 -0.47 0.00	19.36 -0.35 0.00	19.29 -0.32 0.00	19.09 -0.33 0.00	20.03 -0.40 0.00	21.73 -0.42 0.00	24.81 -0.77 0.00	21.36 -0.86 0.00	14.81 -0.55 0.00	14.53 -0.44 0.00	15.67 -0.54 0.00	17.36 -0.42 0.00	16.93 -0.37 0.00	16.99 -0.65 0.00	18.04 -0.98 0.00	23.25 -1.25 0.00	31.20 -1.76 0.00	35.09 -2.37 0.00	30.15 -2.37 0.00	27.19 -2.01 0.00	23.83 -1.90 0.00	22.26 -1.83 0.00	23.13 -1.52 0.00	23.92 -1.18 0.00

SAWYER___23_KV_LOAD 55526	17.21 -0.47 0.00	19.36 -0.35 0.00	19.29 -0.32 0.00	19.09 -0.33 0.00	20.03 -0.40 0.00	21.73 -0.42 0.00	24.81 -0.77 0.00	21.36 -0.86 0.00	14.81 -0.55 0.00	14.53 -0.44 0.00	15.67 -0.54 0.00	17.36 -0.42 0.00	16.93 -0.37 0.00	16.99 -0.65 0.00	18.04 -0.98 0.00	23.25 -1.25 0.00	31.20 -1.76 0.00	35.09 -2.37 0.00	30.15 -2.37 0.00	27.19 -2.01 0.00	23.83 -1.90 0.00	22.26 -1.83 0.00	23.13 -1.52 0.00	23.92 -1.18 0.00
SELKIRK___I 23801	18.01 0.33 0.00	20.05 0.34 0.00	19.96 0.35 0.00	19.77 0.35 0.00	20.75 0.33 0.00	22.49 0.35 0.00	25.99 0.41 0.00	22.56 0.34 0.00	15.52 0.16 0.00	15.10 0.13 0.00	16.35 0.14 0.00	17.91 0.13 0.00	17.41 0.11 0.00	17.78 0.13 0.00	19.25 0.23 0.00	24.91 0.40 0.00	33.52 0.57 0.00	38.19 0.73 0.00	33.19 0.68 0.00	29.78 0.59 0.00	26.22 0.49 0.00	24.59 0.49 0.00	25.12 0.47 0.00	25.66 0.56 0.00
SELKIRK___II 23799	17.92 0.24 0.00	19.95 0.24 0.00	19.86 0.24 0.00	19.67 0.25 0.00	20.64 0.22 0.00	22.37 0.22 0.00	25.86 0.28 0.00	22.46 0.24 0.00	15.51 0.16 0.00	15.13 0.15 0.00	16.38 0.17 0.00	17.93 0.14 0.00	17.43 0.13 0.00	17.82 0.17 0.00	19.28 0.26 0.00	24.84 0.33 0.00	33.35 0.40 0.00	37.99 0.53 0.00	33.04 0.52 0.00	29.64 0.45 0.00	26.09 0.37 0.00	24.48 0.38 0.00	25.01 0.36 0.00	25.54 0.43 0.00
SENECA OSWGO___HYD 24041	17.33 -0.35 0.00	19.34 -0.37 0.00	19.25 -0.37 0.00	19.05 -0.37 0.00	20.04 -0.39 0.00	21.72 -0.43 0.00	25.06 -0.52 0.00	21.77 -0.45 0.00	15.03 -0.33 0.00	14.63 -0.35 0.00	15.81 -0.40 0.00	17.35 -0.43 0.00	16.86 -0.43 0.00	17.19 -0.46 0.00	18.51 -0.51 0.00	23.93 -0.58 0.00	32.27 -0.69 0.00	36.72 -0.74 0.00	31.84 -0.68 0.00	28.57 -0.62 0.00	25.15 -0.57 0.00	23.56 -0.53 0.00	24.10 -0.55 0.00	24.55 -0.56 0.00
SENECA___115KV_TB3 355854	17.43 -0.25 0.00	19.60 -0.11 0.00	19.53 -0.09 0.00	19.33 -0.09 0.00	20.29 -0.13 0.00	22.03 -0.11 0.00	25.20 -0.38 0.00	21.71 -0.51 0.00	15.03 -0.33 0.00	14.75 -0.23 0.00	15.89 -0.31 0.00	17.60 -0.19 0.00	17.15 -0.14 0.00	17.24 -0.40 0.00	18.32 -0.70 0.00	23.64 -0.87 0.00	31.75 -1.21 0.00	35.73 -1.73 0.00	30.71 -1.81 0.00	27.66 -1.53 0.00	24.20 -1.52 0.00	22.60 -1.50 0.00	23.41 -1.24 0.00	24.20 -0.91 0.00
SENECA___ENERGY 23797	17.44 -0.24 0.00	19.49 -0.21 0.00	19.39 -0.23 0.00	19.19 -0.23 0.00	20.23 -0.19 0.00	21.96 -0.18 0.00	25.38 -0.21 0.00	22.01 -0.21 0.00	15.14 -0.22 0.00	14.72 -0.25 0.00	15.87 -0.33 0.00	17.42 -0.36 0.00	16.96 -0.34 0.00	17.25 -0.40 0.00	18.56 -0.46 0.00	24.06 -0.45 0.00	32.46 -0.50 0.00	36.96 -0.50 0.00	31.99 -0.53 0.00	28.65 -0.54 0.00	25.22 -0.51 0.00	23.56 -0.54 0.00	24.10 -0.55 0.00	24.60 -0.51 0.00
SHOEMAKER___GT 23640	18.31 0.63 0.00	20.31 0.60 0.00	20.18 0.56 0.00	19.96 0.55 0.00	21.01 0.59 0.00	22.80 0.65 0.00	26.38 0.80 0.00	22.88 0.66 0.00	15.86 0.50 0.00	15.48 0.51 0.00	16.74 0.54 0.00	18.33 0.55 0.00	17.84 0.55 0.00	18.28 0.64 0.00	19.73 0.72 0.00	25.39 0.88 0.00	34.08 1.12 0.00	38.79 1.33 0.00	33.75 1.24 0.00	30.26 1.06 0.00	26.62 0.90 0.00	24.97 0.88 0.00	25.55 0.90 0.00	25.86 0.75 0.00
SHOEMAKR_138KV_BK 111 55601	18.30 0.62 0.00	20.30 0.59 0.00	20.18 0.56 0.00	19.96 0.53 0.00	21.01 0.58 0.00	22.78 0.64 0.00	26.37 0.79 0.00	22.87 0.65 0.00	15.86 0.50 0.00	15.49 0.51 0.00	16.75 0.55 0.00	18.34 0.56 0.00	17.86 0.56 0.00	18.30 0.66 0.00	19.75 0.73 0.00	25.40 0.89 0.00	34.07 1.11 0.00	38.77 1.31 0.00	33.73 1.21 0.00	30.24 1.05 0.00	26.61 0.89 0.00	24.96 0.86 0.00	25.53 0.89 0.00	25.85 0.74 0.00
SHOREHAM_IC_1 23715	18.98 1.30 0.00	20.94 1.23 0.00	20.68 1.07 0.00	20.46 1.04 0.00	21.51 1.09 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.77 0.00	15.83 0.86 0.00	17.07 0.86 0.00	18.64 0.86 0.00	18.30 1.00 0.00	18.88 1.24 0.00	22.35 1.70 -1.64	28.73 2.12 -2.11	35.18 2.22 0.00	40.05 2.60 0.00	34.80 2.29 0.00	31.15 1.96 0.00	27.44 1.71 0.00	25.78 1.68 0.00	26.54 1.89 0.00	25.95 0.84 0.00
SHOREHAM_IC_2 23716	18.98 1.30 0.00	20.94 1.23 0.00	20.68 1.07 0.00	20.46 1.04 0.00	21.51 1.09 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.77 0.00	15.83 0.86 0.00	17.07 0.86 0.00	18.64 0.86 0.00	18.30 1.00 0.00	18.88 1.24 0.00	22.35 1.70 -1.64	28.73 2.12 -2.11	35.18 2.22 0.00	40.05 2.60 0.00	34.80 2.29 0.00	31.15 1.96 0.00	27.44 1.71 0.00	25.78 1.68 0.00	26.54 1.89 0.00	25.95 0.84 0.00
SISSONVILLE____ 23735	18.19 0.51 -0.01	27.02 0.58 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.06 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.62 1.11 0.00	35.59 2.63 0.00	40.75 3.29 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.96 0.00	26.41 1.76 0.00	26.86 1.75 0.00
SITHE_IND_GS1 24169	17.16 -0.52 0.00	19.15 -0.55 0.00	19.06 -0.56 0.00	18.87 -0.55 0.00	19.84 -0.58 0.00	21.50 -0.64 0.00	24.81 -0.78 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.52 -0.46 0.00	15.70 -0.51 0.00	17.23 -0.55 0.00	16.76 -0.53 0.00	17.08 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.30 -0.81 0.00
SITHE_IND_GS2 24170	17.16 -0.52 0.00	19.15 -0.55 0.00	19.06 -0.56 0.00	18.87 -0.55 0.00	19.84 -0.58 0.00	21.50 -0.64 0.00	24.81 -0.78 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.52 -0.46 0.00	15.70 -0.51 0.00	17.23 -0.55 0.00	16.76 -0.53 0.00	17.08 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.30 -0.81 0.00
SITHE_IND_GS3 24171	17.16 -0.52 0.00	19.15 -0.55 0.00	19.06 -0.56 0.00	18.87 -0.55 0.00	19.84 -0.58 0.00	21.50 -0.64 0.00	24.81 -0.78 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.52 -0.46 0.00	15.70 -0.51 0.00	17.23 -0.55 0.00	16.76 -0.53 0.00	17.08 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.30 -0.81 0.00
SITHE_IND_GS4 24172	17.16 -0.52 0.00	19.15 -0.55 0.00	19.06 -0.56 0.00	18.87 -0.55 0.00	19.84 -0.58 0.00	21.50 -0.64 0.00	24.81 -0.78 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.52 -0.46 0.00	15.70 -0.51 0.00	17.23 -0.55 0.00	16.76 -0.53 0.00	17.08 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.30 -0.81 0.00

SITHE___BATAVIA 24024	17.63 -0.05 0.00	19.80 0.10 0.00	19.74 0.12 0.00	19.52 0.11 0.00	20.49 0.06 0.00	22.26 0.11 0.00	25.45 -0.14 0.00	21.89 -0.33 0.00	15.09 -0.27 0.00	14.70 -0.28 0.00	15.77 -0.44 0.00	17.43 -0.36 0.00	16.96 -0.34 0.00	17.05 -0.60 0.00	18.18 -0.84 0.00	23.59 -0.92 0.00	32.00 -0.95 0.00	36.22 -1.25 0.00	31.17 -1.34 0.00	28.08 -1.11 0.00	24.63 -1.09 0.00	23.00 -1.10 0.00	23.83 -0.82 0.00	24.53 -0.58 0.00
SITHE___INDEPEND 23800	17.16 -0.52 0.00	19.15 -0.55 0.00	19.06 -0.56 0.00	18.87 -0.55 0.00	19.84 -0.58 0.00	21.50 -0.64 0.00	24.81 -0.78 0.00	21.54 -0.67 0.00	14.89 -0.46 0.00	14.51 -0.46 0.00	15.70 -0.51 0.00	17.23 -0.55 0.00	16.76 -0.53 0.00	17.07 -0.57 0.00	18.38 -0.63 0.00	23.72 -0.79 0.00	31.91 -1.05 0.00	36.27 -1.19 0.00	31.45 -1.07 0.00	28.23 -0.97 0.00	24.85 -0.87 0.00	23.28 -0.81 0.00	23.83 -0.82 0.00	24.30 -0.81 0.00
SITHE___MASSENA 23902	17.78 0.10 0.00	19.19 0.12 0.64	19.76 0.14 0.00	19.56 0.14 0.00	20.59 0.17 0.00	22.38 0.23 0.00	25.84 0.25 0.00	22.48 0.26 0.00	15.53 0.17 0.00	15.15 0.18 0.00	16.39 0.18 0.00	18.04 0.25 0.00	17.57 0.27 0.00	17.87 0.23 0.00	19.21 0.19 0.00	24.71 0.20 0.00	33.26 0.30 0.00	37.70 0.24 0.00	32.67 0.15 0.00	29.39 0.20 0.00	25.97 0.25 0.00	24.27 0.17 0.00	24.85 0.20 0.00	25.38 0.28 0.00
SITHE___OGDNSBRG 24021	18.84 1.16 -0.01	27.74 1.30 -6.73	21.06 1.44 0.00	20.86 1.44 0.00	22.03 1.61 0.00	24.07 1.92 0.00	28.24 2.65 0.00	24.76 2.55 0.00	16.53 1.18 0.00	15.76 0.79 0.00	16.99 0.79 0.00	18.72 0.93 0.00	18.25 0.96 0.00	18.54 0.90 0.00	19.91 0.89 0.00	26.10 1.59 0.00	36.83 3.87 0.00	42.45 4.99 0.00	36.89 4.37 0.00	33.11 3.92 0.00	29.15 3.43 0.00	27.06 2.96 0.00	27.39 2.74 0.00	27.80 2.70 0.00
SITHE___STERLING 23777	17.98 0.30 0.00	20.43 0.34 -0.38	19.99 0.38 0.00	19.82 0.40 0.00	20.91 0.48 0.00	22.69 0.55 0.00	26.29 0.70 0.00	22.83 0.61 0.00	15.66 0.31 0.00	15.18 0.21 0.00	16.40 0.20 0.00	17.98 0.19 0.00	17.47 0.17 0.00	17.80 0.15 0.00	19.20 0.18 0.00	24.95 0.43 0.00	33.85 0.90 0.00	38.61 1.15 0.00	33.50 0.98 0.00	30.04 0.84 0.00	26.43 0.70 0.00	24.73 0.63 0.00	25.22 0.57 0.00	25.65 0.54 0.00
SLEIGHT__34_KV_TB1 80719	17.34 -0.34 0.00	19.40 -0.31 0.00	19.29 -0.32 0.00	19.09 -0.33 0.00	20.07 -0.35 0.00	21.78 -0.36 0.00	25.11 -0.47 0.00	21.76 -0.46 0.00	15.02 -0.34 0.00	14.64 -0.34 0.00	15.80 -0.41 0.00	17.37 -0.41 0.00	16.91 -0.38 0.00	17.14 -0.51 0.00	18.40 -0.62 0.00	23.85 -0.66 0.00	32.19 -0.77 0.00	36.49 -0.97 0.00	31.54 -0.98 0.00	28.31 -0.88 0.00	24.89 -0.83 0.00	23.28 -0.82 0.00	23.91 -0.74 0.00	24.46 -0.65 0.00
SOUTH CAIRO___GT 23612	18.43 0.75 0.00	20.56 0.85 0.00	20.48 0.86 0.00	20.29 0.87 0.00	21.28 0.86 0.00	23.11 0.96 0.00	26.76 1.18 0.00	23.29 1.07 0.00	15.93 0.57 0.00	15.33 0.35 0.00	16.52 0.31 0.00	18.05 0.26 0.00	17.52 0.23 0.00	17.91 0.27 0.00	19.52 0.51 0.00	25.46 0.95 0.00	34.66 1.71 0.00	39.76 2.30 0.00	34.54 2.02 0.00	30.93 1.73 0.00	27.17 1.44 0.00	25.44 1.35 0.00	25.92 1.27 0.00	26.52 1.41 0.00
SOUTH HAMPTN___IC 23720	18.92 1.24 0.00	20.86 1.16 0.00	20.61 0.99 0.00	20.38 0.96 0.00	21.43 1.01 0.00	23.26 1.12 0.00	26.83 1.25 0.00	23.05 0.83 0.00	16.08 0.72 0.00	15.79 0.81 0.00	17.03 0.82 0.00	18.66 0.87 0.00	18.33 1.04 0.00	18.95 1.31 0.00	22.49 1.83 -1.64	28.91 2.30 -2.11	35.37 2.42 0.00	40.23 2.77 0.00	34.91 2.39 0.00	31.22 2.03 0.00	27.50 1.78 0.00	25.90 1.80 0.00	26.64 1.99 0.00	26.19 1.08 0.00
SOUTHDOW_115KV_TB1 355954	17.89 0.21 0.00	20.01 0.30 0.00	19.96 0.34 0.00	19.77 0.35 0.00	20.80 0.38 0.00	22.63 0.48 0.00	26.00 0.42 0.00	22.47 0.25 0.00	15.58 0.22 0.00	15.34 0.36 0.00	16.51 0.31 0.00	18.25 0.47 0.00	17.79 0.49 0.00	17.93 0.29 0.00	19.08 0.06 0.00	24.63 0.12 0.00	33.09 0.14 0.00	37.32 -0.14 0.00	32.05 -0.47 0.00	28.69 -0.51 0.00	24.84 -0.89 0.00	23.14 -0.96 0.00	23.82 -0.83 0.00	24.59 -0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	18.70 1.02 0.00	20.61 0.91 0.00	20.36 0.74 0.00	20.14 0.72 0.00	21.18 0.76 0.00	23.01 0.86 0.00	26.56 0.98 0.00	22.84 0.62 0.00	15.92 0.56 0.00	15.65 0.67 0.00	16.86 0.66 0.00	18.53 0.75 0.00	18.31 1.02 0.00	18.99 1.35 0.00	22.66 2.00 -1.64	29.16 2.54 -2.11	35.60 2.65 0.00	40.40 2.95 0.00	34.98 2.46 0.00	31.23 2.04 0.00	27.54 1.82 0.00	26.03 1.93 0.00	26.78 2.13 0.00	26.38 1.28 0.00
SOUTHOLD___IC 23719	18.70 1.02 0.00	20.61 0.91 0.00	20.36 0.74 0.00	20.14 0.72 0.00	21.18 0.76 0.00	23.01 0.86 0.00	26.56 0.98 0.00	22.83 0.61 0.00	15.92 0.56 0.00	15.65 0.67 0.00	16.87 0.66 0.00	18.53 0.75 0.00	18.31 1.02 0.00	18.99 1.35 0.00	22.66 2.00 -1.64	29.16 2.54 -2.11	35.60 2.65 0.00	40.40 2.95 0.00	34.98 2.46 0.00	31.23 2.04 0.00	27.54 1.82 0.00	26.03 1.93 0.00	26.78 2.13 0.00	26.39 1.29 0.00
SOUTH_FORK_WT_PWR 323839	18.42 0.74 0.00	20.29 0.58 0.00	20.04 0.42 0.00	19.82 0.40 0.00	20.85 0.42 0.00	22.64 0.50 0.00	26.15 0.57 0.00	22.48 0.26 0.00	15.68 0.32 0.00	15.42 0.44 0.00	16.62 0.42 0.00	18.30 0.52 0.00	18.17 0.87 0.00	18.88 1.24 0.00	22.62 1.96 -1.64	29.11 2.49 -2.11	35.44 2.49 0.00	40.12 2.66 0.00	34.67 2.15 0.00	30.94 1.75 0.00	27.31 1.58 0.00	25.88 1.78 0.00	26.63 1.98 0.00	26.29 1.19 0.00
SPIERFLS_115KV_TB 1 80737	18.75 1.07 0.00	20.90 1.19 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.62 1.20 0.00	23.47 1.32 0.00	27.21 1.63 0.00	23.66 1.44 0.00	16.24 0.88 0.00	15.67 0.69 0.00	16.93 0.73 0.00	18.53 0.74 0.00	17.94 0.64 0.00	18.37 0.72 0.00	20.10 1.08 0.00	26.03 1.52 0.00	35.24 2.29 0.00	40.20 2.75 0.00	34.97 2.46 0.00	31.36 2.17 0.00	27.52 1.79 0.00	25.76 1.67 0.00	26.33 1.68 0.00	26.73 1.63 0.00
ST LAWRENCE____ 23600	17.60 -0.08 0.00	18.99 -0.08 0.64	19.55 -0.06 0.00	19.37 -0.05 0.00	20.38 -0.04 0.00	22.15 0.00 0.00	25.59 0.00 0.00	22.26 0.04 0.00	15.38 0.02 0.00	15.01 0.03 0.00	16.24 0.03 0.00	17.86 0.07 0.00	17.40 0.10 0.00	17.69 0.05 0.00	19.02 0.00 0.00	24.46 -0.05 0.00	32.93 -0.03 0.00	37.35 -0.11 0.00	32.37 -0.15 0.00	29.12 -0.08 0.00	25.74 0.01 0.00	24.05 -0.05 0.00	24.63 -0.02 0.00	25.15 0.04 0.00
STATE_CA_115KV_115_LB 55624	17.95 0.27 0.00	19.98 0.27 0.00	19.89 0.27 0.00	19.71 0.29 0.00	20.67 0.24 0.00	22.41 0.26 0.00	25.91 0.33 0.00	22.51 0.29 0.00	15.54 0.18 0.00	15.15 0.18 0.00	16.40 0.19 0.00	17.94 0.15 0.00	17.45 0.15 0.00	17.84 0.20 0.00	19.35 0.33 0.00	24.93 0.42 0.00	33.48 0.52 0.00	38.14 0.68 0.00	33.16 0.64 0.00	29.75 0.56 0.00	26.18 0.46 0.00	24.56 0.46 0.00	25.08 0.43 0.00	25.68 0.57 0.00

STATE_ST_34_KV_LOAD 55959	17.67 -0.02 0.00	19.73 0.02 0.00	19.59 -0.03 0.00	19.39 -0.03 0.00	20.42 0.00 0.00	22.14 -0.01 0.00	25.67 0.08 0.00	22.28 0.07 0.00	15.34 -0.02 0.00	14.90 -0.07 0.00	16.09 -0.12 0.00	17.61 -0.17 0.00	17.15 -0.14 0.00	17.44 -0.20 0.00	18.83 -0.18 0.00	24.43 -0.08 0.00	32.99 0.03 0.00	37.53 0.07 0.00	32.52 0.00 0.00	29.07 -0.13 0.00	25.63 -0.10 0.00	24.01 -0.09 0.00	24.55 -0.10 0.00	25.03 -0.07 0.00
STATION 5_MISC_HYD 23604	17.34 -0.34 0.00	19.43 -0.28 0.00	19.35 -0.27 0.00	19.14 -0.28 0.00	20.10 -0.32 0.00	21.81 -0.34 0.00	25.04 -0.55 0.00	21.65 -0.57 0.00	14.96 -0.40 0.00	14.62 -0.36 0.00	15.78 -0.43 0.00	17.40 -0.38 0.00	16.96 -0.34 0.00	17.13 -0.51 0.00	18.32 -0.70 0.00	23.68 -0.83 0.00	31.90 -1.05 0.00	36.12 -1.34 0.00	31.16 -1.35 0.00	28.03 -1.17 0.00	24.62 -1.10 0.00	23.02 -1.07 0.00	23.73 -0.92 0.00	24.36 -0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.49 -0.19 0.00	19.58 -0.13 0.00	19.49 -0.13 0.00	19.29 -0.13 0.00	20.29 -0.13 0.00	22.03 -0.12 0.00	25.37 -0.21 0.00	21.99 -0.23 0.00	15.16 -0.20 0.00	14.77 -0.21 0.00	15.93 -0.28 0.00	17.54 -0.25 0.00	17.06 -0.23 0.00	17.30 -0.35 0.00	18.55 -0.48 0.00	24.04 -0.47 0.00	32.45 -0.51 0.00	36.82 -0.64 0.00	31.82 -0.70 0.00	28.58 -0.62 0.00	25.11 -0.62 0.00	23.46 -0.64 0.00	24.09 -0.56 0.00	24.65 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.26 -0.42 0.00	19.33 -0.38 0.00	19.25 -0.37 0.00	19.04 -0.38 0.00	20.00 -0.42 0.00	21.70 -0.45 0.00	24.93 -0.65 0.00	21.57 -0.65 0.00	14.90 -0.45 0.00	14.56 -0.42 0.00	15.71 -0.49 0.00	17.32 -0.46 0.00	16.87 -0.42 0.00	17.06 -0.58 0.00	18.25 -0.76 0.00	23.60 -0.90 0.00	31.80 -1.15 0.00	36.01 -1.45 0.00	31.08 -1.44 0.00	27.95 -1.24 0.00	24.55 -1.17 0.00	22.96 -1.14 0.00	23.65 -1.00 0.00	24.27 -0.83 0.00
STA_56___34_KV_BUS2 355983	17.26 -0.42 0.00	19.33 -0.38 0.00	19.25 -0.37 0.00	19.04 -0.38 0.00	20.00 -0.42 0.00	21.70 -0.45 0.00	24.93 -0.65 0.00	21.57 -0.65 0.00	14.90 -0.45 0.00	14.56 -0.42 0.00	15.71 -0.49 0.00	17.32 -0.46 0.00	16.87 -0.42 0.00	17.06 -0.58 0.00	18.25 -0.76 0.00	23.60 -0.90 0.00	31.80 -1.15 0.00	36.01 -1.45 0.00	31.08 -1.44 0.00	27.95 -1.24 0.00	24.55 -1.17 0.00	22.96 -1.14 0.00	23.65 -1.00 0.00	24.27 -0.83 0.00
STA_67___115KV_BK2 355882	17.31 -0.37 0.00	19.39 -0.31 0.00	19.31 -0.30 0.00	19.11 -0.31 0.00	20.07 -0.36 0.00	21.76 -0.38 0.00	24.99 -0.60 0.00	21.61 -0.61 0.00	14.93 -0.43 0.00	14.59 -0.39 0.00	15.75 -0.46 0.00	17.37 -0.41 0.00	16.92 -0.37 0.00	17.10 -0.55 0.00	18.28 -0.74 0.00	23.63 -0.88 0.00	31.83 -1.12 0.00	36.03 -1.43 0.00	31.08 -1.44 0.00	27.96 -1.23 0.00	24.56 -1.16 0.00	22.97 -1.13 0.00	23.69 -0.96 0.00	24.32 -0.78 0.00
STA_7___115KV_9TRANS 80674	17.41 -0.27 0.00	19.51 -0.20 0.00	19.42 -0.20 0.00	19.21 -0.21 0.00	20.18 -0.25 0.00	21.89 -0.25 0.00	25.14 -0.44 0.00	21.74 -0.48 0.00	15.02 -0.34 0.00	14.68 -0.30 0.00	15.84 -0.36 0.00	17.47 -0.32 0.00	17.02 -0.28 0.00	17.19 -0.45 0.00	18.39 -0.62 0.00	23.78 -0.72 0.00	32.06 -0.89 0.00	36.30 -1.16 0.00	31.33 -1.19 0.00	28.18 -1.01 0.00	24.75 -0.97 0.00	23.14 -0.96 0.00	23.85 -0.79 0.00	24.48 -0.63 0.00
STA_82___115KV_TB1 80780	17.31 -0.37 0.00	19.40 -0.31 0.00	19.32 -0.29 0.00	19.12 -0.30 0.00	20.07 -0.35 0.00	21.77 -0.38 0.00	24.99 -0.59 0.00	21.62 -0.60 0.00	14.94 -0.42 0.00	14.59 -0.39 0.00	15.75 -0.46 0.00	17.37 -0.41 0.00	16.92 -0.37 0.00	17.10 -0.55 0.00	18.28 -0.74 0.00	23.63 -0.88 0.00	31.84 -1.12 0.00	36.04 -1.42 0.00	31.10 -1.42 0.00	27.97 -1.22 0.00	24.57 -1.15 0.00	22.98 -1.12 0.00	23.70 -0.95 0.00	24.33 -0.77 0.00
STEEL___WIND 323596	17.41 -0.27 0.00	19.58 -0.13 0.00	19.49 -0.12 0.00	19.31 -0.11 0.00	20.27 -0.15 0.00	22.02 -0.12 0.00	25.18 -0.40 0.00	21.69 -0.53 0.00	15.01 -0.34 0.00	14.73 -0.24 0.00	15.87 -0.33 0.00	17.57 -0.22 0.00	17.13 -0.16 0.00	17.22 -0.42 0.00	18.30 -0.72 0.00	23.61 -0.90 0.00	31.71 -1.24 0.00	35.70 -1.76 0.00	30.69 -1.83 0.00	27.62 -1.57 0.00	24.18 -1.55 0.00	22.57 -1.52 0.00	23.39 -1.26 0.00	24.17 -0.93 0.00
STEPHTWN_115KV_BK_2 55603	18.02 0.34 0.00	20.05 0.34 0.00	19.96 0.34 0.00	19.78 0.36 0.00	20.77 0.35 0.00	22.52 0.38 0.00	26.08 0.50 0.00	22.63 0.40 0.00	15.60 0.24 0.00	15.22 0.25 0.00	16.41 0.20 0.00	18.00 0.22 0.00	17.51 0.21 0.00	17.89 0.24 0.00	19.46 0.44 0.00	25.10 0.59 0.00	33.68 0.73 0.00	38.42 0.96 0.00	33.51 0.99 0.00	29.96 0.77 0.00	26.35 0.62 0.00	24.70 0.60 0.00	25.21 0.56 0.00	25.83 0.73 0.00
STEUBEN_REC_LFGE 323667	17.24 -0.44 0.00	19.30 -0.41 0.00	19.30 -0.32 0.00	19.13 -0.29 0.00	20.24 -0.18 0.00	22.18 0.03 0.00	25.57 -0.01 0.00	22.19 -0.02 0.00	15.21 -0.15 0.00	14.79 -0.19 0.00	15.91 -0.29 0.00	17.56 -0.22 0.00	17.09 -0.21 0.00	17.30 -0.34 0.00	18.48 -0.54 0.00	24.11 -0.40 0.00	32.71 -0.24 0.00	37.10 -0.36 0.00	31.85 -0.67 0.00	28.42 -0.77 0.00	24.68 -1.04 0.00	22.83 -1.27 0.00	23.24 -1.41 0.00	23.61 -1.49 0.00
STILLWATER___SOLAR 323814	18.53 0.84 0.00	20.65 0.94 0.00	20.55 0.93 0.00	20.34 0.92 0.00	21.36 0.94 0.00	23.17 1.03 0.00	26.82 1.24 0.00	23.29 1.07 0.00	16.01 0.65 0.00	15.49 0.51 0.00	16.72 0.51 0.00	18.30 0.52 0.00	17.76 0.47 0.00	18.18 0.54 0.00	19.82 0.80 0.00	25.68 1.17 0.00	34.69 1.73 0.00	39.54 2.08 0.00	34.37 1.85 0.00	30.83 1.64 0.00	27.11 1.38 0.00	25.39 1.29 0.00	25.94 1.29 0.00	26.37 1.27 0.00
STONY___BROOK 24151	19.00 1.32 0.00	20.97 1.26 0.00	20.71 1.10 0.00	20.49 1.07 0.00	21.54 1.12 0.00	23.38 1.23 0.00	26.96 1.37 0.00	23.14 0.92 0.00	16.16 0.80 0.00	15.89 0.92 0.00	17.14 0.94 0.00	18.75 0.97 0.00	18.34 1.05 0.00	18.90 1.26 0.00	22.32 1.67 -1.64	28.65 2.04 -2.11	35.08 2.13 0.00	39.93 2.47 0.00	34.72 2.21 0.00	31.09 1.90 0.00	27.37 1.64 0.00	25.69 1.60 0.00	26.48 1.83 0.00	26.37 1.26 0.00
STURGEON_POOL_HYD 23609	18.29 0.61 0.00	20.29 0.58 0.00	20.16 0.54 0.00	19.95 0.53 0.00	20.98 0.56 0.00	22.73 0.58 0.00	26.29 0.71 0.00	22.80 0.58 0.00	15.87 0.51 0.00	15.54 0.57 0.00	16.83 0.63 0.00	18.43 0.65 0.00	17.94 0.64 0.00	18.38 0.74 0.00	19.80 0.79 0.00	25.39 0.89 0.00	34.00 1.05 0.00	38.68 1.22 0.00	33.68 1.16 0.00	30.20 1.01 0.00	26.58 0.86 0.00	24.94 0.84 0.00	25.51 0.86 0.00	25.76 0.65 0.00
ST_LAW_115_BK7_LBMP 345037	17.60 -0.08 0.00	19.00 -0.07 0.00	19.56 -0.06 0.00	19.37 -0.05 0.00	20.39 -0.03 0.00	22.16 0.01 0.00	25.59 0.01 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.03 0.00	16.24 0.03 0.00	17.86 0.08 0.00	17.40 0.10 0.00	17.70 0.05 0.00	19.02 0.00 0.00	24.47 -0.04 0.00	32.93 -0.03 0.00	37.35 -0.11 0.00	32.37 -0.15 0.00	29.12 -0.08 0.00	25.74 0.01 0.00	24.05 -0.05 0.00	24.63 -0.02 0.00	25.15 0.04 0.00

ST_LAW_115_BK8_LBMP 345038	17.60 -0.08 0.00	19.00 -0.07 0.64	19.56 -0.06 0.00	19.37 -0.05 0.00	20.39 -0.03 0.00	22.16 0.01 0.00	25.59 0.01 0.00	22.27 0.05 0.00	15.38 0.02 0.00	15.01 0.03 0.00	16.24 0.03 0.00	17.86 0.08 0.00	17.40 0.10 0.00	17.70 0.05 0.00	19.02 0.00 0.00	24.47 -0.04 0.00	32.93 -0.03 0.00	37.35 -0.11 0.00	32.37 -0.15 0.00	29.12 -0.08 0.00	25.74 0.01 0.00	24.05 -0.05 0.00	24.63 -0.02 0.00	25.15 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	17.60 -0.08 0.00	18.99 -0.08 0.64	19.55 -0.06 0.00	19.37 -0.05 0.00	20.38 -0.04 0.00	22.15 0.00 0.00	25.59 0.00 0.00	22.26 0.04 0.00	15.38 0.02 0.00	15.01 0.03 0.00	16.24 0.03 0.00	17.86 0.07 0.00	17.40 0.10 0.00	17.69 0.05 0.00	19.02 0.00 0.00	24.46 -0.05 0.00	32.93 -0.03 0.00	37.35 -0.11 0.00	32.37 -0.15 0.00	29.12 -0.08 0.00	25.74 0.01 0.00	24.05 -0.05 0.00	24.63 -0.02 0.00	25.15 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	17.60 -0.08 0.00	18.99 -0.08 0.64	19.55 -0.06 0.00	19.37 -0.05 0.00	20.38 -0.04 0.00	22.15 0.00 0.00	25.59 0.00 0.00	22.26 0.04 0.00	15.38 0.02 0.00	15.01 0.03 0.00	16.24 0.03 0.00	17.86 0.07 0.00	17.40 0.10 0.00	17.69 0.05 0.00	19.02 0.00 0.00	24.46 -0.05 0.00	32.93 -0.03 0.00	37.35 -0.11 0.00	32.37 -0.15 0.00	29.12 -0.08 0.00	25.74 0.01 0.00	24.05 -0.05 0.00	24.63 -0.02 0.00	25.15 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.36 0.68 0.00	20.36 0.65 0.00	20.22 0.61 0.00	20.01 0.59 0.00	21.06 0.64 0.00	22.85 0.71 0.00	26.45 0.86 0.00	22.93 0.72 0.00	15.92 0.56 0.00	15.57 0.59 0.00	16.84 0.63 0.00	18.43 0.65 0.00	17.96 0.66 0.00	18.41 0.77 0.00	19.87 0.85 0.00	25.53 1.02 0.00	34.18 1.22 0.00	38.90 1.44 0.00	33.85 1.34 0.00	30.34 1.15 0.00	26.69 0.97 0.00	25.05 0.95 0.00	25.63 0.98 0.00	25.92 0.82 0.00
SWANROAD_115KV_TB1 355699	17.01 -0.67 0.00	19.16 -0.55 0.00	19.10 -0.52 0.00	18.89 -0.53 0.00	19.80 -0.62 0.00	21.47 -0.67 0.00	24.43 -1.16 0.00	20.85 -1.37 0.00	14.47 -0.89 0.00	14.20 -0.78 0.00	15.28 -0.93 0.00	16.93 -0.85 0.00	16.50 -0.79 0.00	16.54 -1.11 0.00	17.54 -1.48 0.00	22.61 -1.89 0.00	30.39 -2.56 0.00	34.11 -3.35 0.00	29.32 -3.20 0.00	26.48 -2.72 0.00	23.24 -2.49 0.00	21.73 -2.37 0.00	22.66 -1.99 0.00	23.42 -1.69 0.00
SYNERGY___BIOGAS 323694	17.63 -0.05 0.00	19.80 0.10 0.00	19.74 0.12 0.00	19.52 0.11 0.00	20.49 0.06 0.00	22.26 0.11 0.00	25.45 -0.14 0.00	21.89 -0.33 0.00	15.09 -0.27 0.00	14.70 -0.28 0.00	15.77 -0.44 0.00	17.43 -0.36 0.00	16.96 -0.34 0.00	17.05 -0.60 0.00	18.18 -0.84 0.00	23.59 -0.92 0.00	32.00 -0.95 0.00	36.22 -1.25 0.00	31.17 -1.34 0.00	28.08 -1.11 0.00	24.63 -1.09 0.00	23.00 -1.10 0.00	23.83 -0.82 0.00	24.53 -0.58 0.00
SYRACUSE___ENERGY_ST1 323597	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	17.54 -0.14 0.00	19.57 -0.13 0.00	19.48 -0.14 0.00	19.28 -0.14 0.00	20.29 -0.13 0.00	21.99 -0.15 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.20 0.00	17.58 -0.21 0.00	17.10 -0.20 0.00	17.42 -0.22 0.00	18.77 -0.24 0.00	24.29 -0.21 0.00	32.73 -0.23 0.00	37.21 -0.25 0.00	32.26 -0.26 0.00	28.92 -0.27 0.00	25.47 -0.26 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
SYRACUSE___POWER 24017	17.54 -0.14 0.00	19.58 -0.13 0.00	19.49 -0.13 0.00	19.29 -0.13 0.00	20.30 -0.12 0.00	22.01 -0.13 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.19 0.00	17.59 -0.20 0.00	17.10 -0.19 0.00	17.44 -0.21 0.00	18.77 -0.24 0.00	24.28 -0.23 0.00	32.72 -0.24 0.00	37.21 -0.25 0.00	32.26 -0.25 0.00	28.95 -0.24 0.00	25.48 -0.25 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00
TALLMAN___138KV_BK151 55660	18.42 0.74 0.00	20.41 0.70 0.00	20.27 0.65 0.00	20.05 0.63 0.00	21.11 0.69 0.00	22.91 0.77 0.00	26.54 0.95 0.00	23.00 0.78 0.00	15.98 0.63 0.00	15.63 0.66 0.00	16.92 0.71 0.00	18.51 0.72 0.00	18.04 0.74 0.00	18.51 0.87 0.00	19.98 0.96 0.00	25.64 1.12 0.00	34.30 1.34 0.00	39.01 1.55 0.00	33.95 1.43 0.00	30.43 1.24 0.00	26.77 1.05 0.00	25.12 1.02 0.00	25.72 1.07 0.00	25.99 0.88 0.00
TEALLAVE_115KV_TB7 355573	17.46 -0.23 0.00	19.49 -0.22 0.00	19.39 -0.23 0.00	19.20 -0.22 0.00	20.19 -0.23 0.00	21.89 -0.25 0.00	25.27 -0.31 0.00	21.94 -0.28 0.00	15.14 -0.21 0.00	14.75 -0.22 0.00	15.94 -0.26 0.00	17.51 -0.27 0.00	17.03 -0.27 0.00	17.35 -0.29 0.00	18.68 -0.34 0.00	24.15 -0.36 0.00	32.53 -0.43 0.00	36.98 -0.48 0.00	32.06 -0.45 0.00	28.77 -0.42 0.00	25.32 -0.41 0.00	23.70 -0.39 0.00	24.25 -0.39 0.00	24.72 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	17.34 -0.34 0.00	19.50 -0.20 0.00	19.43 -0.18 0.00	19.23 -0.19 0.00	20.16 -0.26 0.00	21.88 -0.26 0.00	24.97 -0.61 0.00	21.43 -0.79 0.00	14.84 -0.52 0.00	14.52 -0.46 0.00	15.62 -0.59 0.00	17.30 -0.49 0.00	16.83 -0.46 0.00	16.89 -0.75 0.00	17.97 -1.05 0.00	23.23 -1.28 0.00	31.30 -1.66 0.00	35.26 -2.20 0.00	30.33 -2.20 0.00	27.35 -1.85 0.00	23.98 -1.75 0.00	22.41 -1.68 0.00	23.29 -1.36 0.00	24.04 -1.07 0.00
TEMPLE___115KV_TB 2 55572	17.47 -0.22 0.00	19.49 -0.22 0.00	19.40 -0.22 0.00	19.20 -0.22 0.00	20.21 -0.21 0.00	21.90 -0.24 0.00	25.29 -0.30 0.00	21.95 -0.28 0.00	15.15 -0.21 0.00	14.76 -0.22 0.00	15.95 -0.26 0.00	17.53 -0.26 0.00	17.04 -0.26 0.00	17.36 -0.28 0.00	18.70 -0.32 0.00	24.17 -0.34 0.00	32.54 -0.41 0.00	36.99 -0.47 0.00	32.07 -0.45 0.00	28.78 -0.41 0.00	25.33 -0.40 0.00	23.71 -0.38 0.00	24.26 -0.39 0.00	24.73 -0.38 0.00
TIANA____69_KV_BK 1 55817	18.97 1.29 0.00	20.92 1.21 0.00	20.66 1.05 0.00	20.44 1.02 0.00	21.49 1.07 0.00	23.33 1.19 0.00	26.91 1.32 0.00	23.11 0.90 0.00	16.12 0.76 0.00	15.83 0.85 0.00	17.07 0.86 0.00	18.68 0.90 0.00	18.34 1.04 0.00	18.94 1.29 0.00	22.44 1.79 -1.64	28.86 2.25 -2.11	35.33 2.37 0.00	40.20 2.75 0.00	34.91 2.39 0.00	31.23 2.04 0.00	27.51 1.79 0.00	25.87 1.78 0.00	26.63 1.98 0.00	26.15 1.05 0.00
TILDEN___115KV_TB1 80814	17.54 -0.14 0.00	19.58 -0.13 0.00	19.49 -0.13 0.00	19.29 -0.13 0.00	20.30 -0.12 0.00	22.01 -0.13 0.00	25.42 -0.17 0.00	22.06 -0.16 0.00	15.22 -0.14 0.00	14.82 -0.16 0.00	16.01 -0.19 0.00	17.59 -0.20 0.00	17.10 -0.19 0.00	17.44 -0.21 0.00	18.77 -0.24 0.00	24.28 -0.23 0.00	32.72 -0.24 0.00	37.21 -0.25 0.00	32.26 -0.25 0.00	28.95 -0.24 0.00	25.48 -0.25 0.00	23.85 -0.25 0.00	24.39 -0.26 0.00	24.85 -0.25 0.00

TRIGEN___CC 323695	18.75 1.07 0.00	20.72 1.02 0.00	20.50 0.88 0.00	20.28 0.86 0.00	21.33 0.91 0.00	23.14 0.99 0.00	26.73 1.14 0.00	23.02 0.80 0.00	16.06 0.70 0.00	15.81 0.84 0.00	17.08 0.88 0.00	18.70 0.92 0.00	18.26 0.96 0.00	18.77 1.12 0.00	22.05 1.40 -1.64	28.27 1.66 -2.11	34.73 1.77 0.00	39.46 2.00 0.00	34.33 1.81 0.00	30.75 1.56 0.00	27.06 1.33 0.00	25.40 1.30 0.00	26.13 1.48 0.00	26.25 1.14 0.00
TRINITY___115KV___4 BK 55933	17.88 0.20 0.00	19.90 0.20 0.00	19.82 0.20 0.00	19.63 0.21 0.00	20.59 0.17 0.00	22.32 0.17 0.00	25.81 0.22 0.00	22.42 0.20 0.00	15.48 0.13 0.00	15.10 0.13 0.00	16.33 0.13 0.00	17.87 0.09 0.00	17.38 0.08 0.00	17.77 0.13 0.00	19.27 0.25 0.00	24.81 0.30 0.00	33.31 0.35 0.00	37.96 0.50 0.00	33.00 0.48 0.00	29.61 0.42 0.00	26.07 0.34 0.00	24.46 0.37 0.00	24.98 0.33 0.00	25.57 0.46 0.00
UNION___PROCESSING_DRP 323587	17.32 -0.37 0.00	19.40 -0.30 0.00	19.33 -0.29 0.00	19.12 -0.30 0.00	20.07 -0.35 0.00	21.78 -0.36 0.00	25.00 -0.58 0.00	21.62 -0.60 0.00	14.94 -0.42 0.00	14.59 -0.39 0.00	15.75 -0.46 0.00	17.37 -0.41 0.00	16.92 -0.37 0.00	17.10 -0.55 0.00	18.29 -0.73 0.00	23.63 -0.88 0.00	31.85 -1.11 0.00	36.05 -1.41 0.00	31.11 -1.41 0.00	27.98 -1.21 0.00	24.58 -1.15 0.00	22.98 -1.11 0.00	23.70 -0.95 0.00	24.33 -0.77 0.00
UPPER HUDSON___HYD 24058	18.75 1.07 0.00	20.90 1.19 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.62 1.20 0.00	23.47 1.32 0.00	27.21 1.63 0.00	23.66 1.44 0.00	16.24 0.88 0.00	15.67 0.69 0.00	16.93 0.73 0.00	18.53 0.74 0.00	17.94 0.64 0.00	18.37 0.72 0.00	20.10 1.08 0.00	26.03 1.52 0.00	35.24 2.29 0.00	40.20 2.74 0.00	34.97 2.46 0.00	31.36 2.17 0.00	27.52 1.79 0.00	25.76 1.67 0.00	26.32 1.68 0.00	26.73 1.63 0.00
UPPER RAQUET___HYD 24056	18.19 0.51 -0.01	27.02 0.59 -6.73	20.35 0.73 0.00	20.15 0.73 0.00	21.27 0.85 0.00	23.21 1.07 0.00	27.16 1.58 0.00	23.82 1.61 0.00	16.13 0.77 0.00	15.52 0.54 0.00	16.74 0.54 0.00	18.44 0.66 0.00	17.97 0.68 0.00	18.26 0.61 0.00	19.61 0.59 0.00	25.61 1.11 0.00	35.58 2.63 0.00	40.75 3.30 0.00	35.41 2.89 0.00	31.80 2.61 0.00	28.04 2.31 0.00	26.06 1.97 0.00	26.41 1.77 0.00	26.86 1.75 0.00
VALLEY44_115KV_TB2 355964	17.73 0.05 0.00	19.87 0.16 0.00	19.81 0.19 0.00	19.60 0.18 0.00	20.67 0.24 0.00	22.41 0.27 0.00	25.61 0.02 0.00	22.06 -0.16 0.00	15.26 -0.10 0.00	15.07 0.10 0.00	16.27 0.06 0.00	17.96 0.18 0.00	17.49 0.20 0.00	17.78 0.14 0.00	18.95 -0.07 0.00	24.36 -0.15 0.00	32.38 -0.58 0.00	36.54 -0.93 0.00	31.47 -1.05 0.00	28.22 -0.97 0.00	24.79 -0.93 0.00	23.25 -0.85 0.00	23.92 -0.73 0.00	24.67 -0.43 0.00
VALLEY___115KV_TB 1-4 80826	17.60 -0.08 0.00	19.64 -0.07 0.00	19.58 -0.04 0.00	19.44 0.02 0.00	20.43 0.00 0.00	22.17 0.02 0.00	25.64 0.05 0.00	22.28 0.07 0.00	15.30 -0.06 0.00	14.85 -0.13 0.00	16.04 -0.17 0.00	17.53 -0.26 0.00	17.00 -0.30 0.00	17.36 -0.28 0.00	18.84 -0.17 0.00	24.60 0.09 0.00	33.28 0.32 0.00	38.02 0.56 0.00	33.05 0.53 0.00	29.67 0.47 0.00	26.12 0.40 0.00	24.52 0.43 0.00	25.04 0.39 0.00	25.48 0.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.39 0.71 0.00	20.50 0.80 0.00	20.40 0.78 0.00	20.22 0.80 0.00	21.29 0.87 0.00	23.08 0.93 0.00	26.70 1.11 0.00	23.19 0.97 0.00	16.04 0.68 0.00	15.67 0.69 0.00	17.00 0.79 0.00	18.63 0.84 0.00	18.07 0.77 0.00	18.44 0.79 0.00	19.86 0.84 0.00	25.70 1.19 0.00	34.52 1.57 0.00	39.25 1.80 0.00	34.13 1.61 0.00	30.61 1.41 0.00	26.95 1.23 0.00	25.25 1.15 0.00	25.81 1.16 0.00	26.21 1.11 0.00
VISCHER___FERRY HYD 24020	18.24 0.56 0.00	20.33 0.62 0.00	20.23 0.62 0.00	20.03 0.61 0.00	21.02 0.59 0.00	22.79 0.64 0.00	26.36 0.78 0.00	22.90 0.68 0.00	15.79 0.43 0.00	15.33 0.35 0.00	16.55 0.34 0.00	18.11 0.33 0.00	17.59 0.30 0.00	18.00 0.36 0.00	19.59 0.57 0.00	25.28 0.77 0.00	34.02 1.07 0.00	38.79 1.33 0.00	33.73 1.22 0.00	30.26 1.07 0.00	26.64 0.92 0.00	24.97 0.88 0.00	25.51 0.87 0.00	25.98 0.88 0.00
V_A_10_SYNC_DSASP 323832	17.05 -0.63 0.00	19.15 -0.56 0.00	19.09 -0.53 0.00	18.88 -0.54 0.00	19.81 -0.61 0.00	21.49 -0.66 0.00	24.56 -1.03 0.00	21.17 -1.05 0.00	14.67 -0.69 0.00	14.38 -0.59 0.00	15.52 -0.69 0.00	17.17 -0.62 0.00	16.73 -0.56 0.00	16.85 -0.80 0.00	17.94 -1.08 0.00	23.11 -1.40 0.00	31.00 -1.96 0.00	34.93 -2.53 0.00	30.06 -2.46 0.00	27.08 -2.11 0.00	23.78 -1.94 0.00	22.24 -1.85 0.00	23.06 -1.59 0.00	23.80 -1.30 0.00
V_CMM_10_SYNC_DSASP 323787	17.70 0.02 0.00	19.11 0.04 0.64	19.67 0.05 0.00	19.48 0.06 0.00	20.50 0.08 0.00	22.28 0.14 0.00	25.74 0.15 0.00	22.39 0.17 0.00	15.46 0.11 0.00	15.09 0.11 0.00	16.33 0.12 0.00	17.97 0.18 0.00	17.50 0.20 0.00	17.80 0.15 0.00	19.13 0.11 0.00	24.60 0.09 0.00	33.13 0.17 0.00	37.55 0.10 0.00	32.54 0.02 0.00	29.28 0.08 0.00	25.88 0.15 0.00	24.18 0.09 0.00	24.76 0.11 0.00	25.29 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	17.42 -0.25 0.01	9.19 -0.29 10.22	19.42 -0.20 0.00	19.32 -0.10 0.00	20.47 0.04 0.00	22.35 0.21 0.00	25.94 0.35 0.00	22.76 0.54 0.00	15.73 0.37 0.00	15.30 0.33 0.00	16.57 0.36 0.00	18.25 0.47 0.00	17.80 0.50 0.00	18.10 0.46 0.00	19.40 0.38 0.00	24.94 0.43 0.00	33.63 0.67 0.00	37.89 0.43 0.00	32.92 0.40 0.00	29.63 0.43 0.00	26.36 0.64 0.00	24.58 0.49 0.00	25.15 0.50 0.00	25.74 0.64 0.00
V_D_10_SYNC_DSASP 323841	17.78 0.10 0.00	19.19 0.12 0.64	19.76 0.14 0.00	19.56 0.14 0.00	20.59 0.17 0.00	22.38 0.23 0.00	25.84 0.25 0.00	22.48 0.26 0.00	15.53 0.17 0.00	15.15 0.18 0.00	16.39 0.18 0.00	18.04 0.25 0.00	17.57 0.27 0.00	17.87 0.23 0.00	19.21 0.19 0.00	24.71 0.20 0.00	33.26 0.30 0.00	37.70 0.24 0.00	32.67 0.15 0.00	29.39 0.20 0.00	25.97 0.25 0.00	24.27 0.17 0.00	24.85 0.20 0.00	25.38 0.28 0.00
V_E_10_SYNC_DSASP 323830	18.06 0.37 0.00	20.21 0.50 0.00	20.16 0.54 0.00	20.03 0.61 0.00	21.21 0.79 0.00	22.95 0.80 0.00	26.76 1.18 0.00	23.32 1.11 0.00	15.99 0.63 0.00	15.54 0.56 0.00	16.76 0.55 0.00	18.39 0.61 0.00	17.79 0.49 0.00	18.10 0.46 0.00	19.57 0.55 0.00	25.85 1.34 0.00	35.31 2.35 0.00	40.32 2.85 0.00	34.97 2.45 0.00	31.37 2.18 0.00	27.58 1.85 0.00	25.80 1.70 0.00	26.26 1.61 0.00	26.66 1.55 0.00
V_F_30_NSYNC___DSASP 323816	18.55 0.86 0.00	20.67 0.96 0.00	20.57 0.95 0.00	20.36 0.94 0.00	21.39 0.96 0.00	23.20 1.05 0.00	26.86 1.27 0.00	23.32 1.10 0.00	16.03 0.68 0.00	15.51 0.54 0.00	16.76 0.56 0.00	18.35 0.57 0.00	17.80 0.51 0.00	18.22 0.58 0.00	19.85 0.83 0.00	25.71 1.20 0.00	34.73 1.78 0.00	39.57 2.12 0.00	34.41 1.89 0.00	30.86 1.67 0.00	27.13 1.41 0.00	25.41 1.32 0.00	25.96 1.31 0.00	26.39 1.29 0.00

V_F_30_SYNC_DSASP 323786	17.95 0.27 0.00	19.98 0.27 0.00	19.89 0.27 0.00	19.71 0.29 0.00	20.67 0.24 0.00	22.41 0.26 0.00	25.91 0.33 0.00	22.51 0.29 0.00	15.54 0.18 0.00	15.15 0.18 0.00	16.40 0.19 0.00	17.94 0.15 0.00	17.44 0.15 0.00	17.84 0.19 0.00	19.35 0.33 0.00	24.93 0.42 0.00	33.47 0.52 0.00	38.14 0.68 0.00	33.16 0.64 0.00	29.75 0.56 0.00	26.18 0.45 0.00	24.56 0.46 0.00	25.08 0.43 0.00	25.67 0.57 0.00
V_XM_10_SYNC_DSASP 323789	17.42 -0.25 0.01	9.19 -0.29 10.22	19.42 -0.20 0.00	19.32 -0.10 0.00	20.47 0.04 0.00	22.35 0.21 0.00	25.94 0.35 0.00	22.76 0.54 0.00	15.73 0.37 0.00	15.30 0.33 0.00	16.57 0.36 0.00	18.25 0.47 0.00	17.80 0.50 0.00	18.10 0.46 0.00	19.40 0.38 0.00	24.94 0.43 0.00	33.63 0.67 0.00	37.89 0.43 0.00	32.92 0.40 0.00	29.63 0.43 0.00	26.36 0.64 0.00	24.58 0.49 0.00	25.15 0.50 0.00	25.74 0.64 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.49 0.80 0.00	20.47 0.76 0.00	20.33 0.71 0.00	20.11 0.69 0.00	21.17 0.75 0.00	22.98 0.84 0.00	26.61 1.03 0.00	23.07 0.85 0.00	16.03 0.67 0.00	15.68 0.70 0.00	16.96 0.76 0.00	18.57 0.78 0.00	18.09 0.80 0.00	18.56 0.92 0.00	20.03 1.02 0.00	25.72 1.21 0.00	34.41 1.46 0.00	39.15 1.69 0.00	34.07 1.55 0.00	30.54 1.35 0.00	26.86 1.14 0.00	25.20 1.11 0.00	25.80 1.15 0.00	26.07 0.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.57 0.89 0.00	20.57 0.86 0.00	20.42 0.80 0.00	20.19 0.77 0.00	21.25 0.82 0.00	23.04 0.89 0.00	26.67 1.08 0.00	23.13 0.91 0.00	16.09 0.74 0.00	15.78 0.80 0.00	17.07 0.87 0.00	18.68 0.90 0.00	18.22 0.92 0.00	18.68 1.04 0.00	20.16 1.14 0.00	25.84 1.33 0.00	34.54 1.59 0.00	39.27 1.82 0.00	34.20 1.68 0.00	30.67 1.47 0.00	26.97 1.25 0.00	25.30 1.20 0.00	25.90 1.25 0.00	43.89 1.03 -17.76
W50THST__13_KV_LOAD 356117	18.72 1.04 0.00	20.74 1.04 0.00	20.60 0.98 0.00	20.36 0.94 0.00	21.42 1.00 0.00	23.23 1.08 0.00	26.88 1.29 0.00	23.32 1.10 0.00	16.23 0.87 0.00	15.91 0.94 0.00	17.22 1.01 0.00	18.84 1.05 0.00	18.36 1.07 0.00	18.83 1.18 0.00	20.32 1.30 0.00	26.04 1.54 0.00	34.80 1.84 0.00	39.54 2.09 0.00	34.44 1.93 0.00	30.88 1.69 0.00	27.13 1.41 0.00	25.40 1.31 0.00	26.01 1.36 0.00	44.01 1.14 -17.76
WADING RIVER_IC_1 23522	18.98 1.30 0.00	20.93 1.22 0.00	20.68 1.06 0.00	20.45 1.03 0.00	21.51 1.08 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.76 0.00	15.83 0.85 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.31 1.01 0.00	18.89 1.25 0.00	22.37 1.71 -1.64	28.75 2.13 -2.11	35.20 2.24 0.00	40.06 2.61 0.00	34.82 2.30 0.00	31.15 1.96 0.00	27.45 1.73 0.00	25.80 1.70 0.00	26.55 1.90 0.00	25.90 0.79 0.00
WADING RIVER_IC_2 23547	18.98 1.30 0.00	20.93 1.22 0.00	20.68 1.06 0.00	20.45 1.03 0.00	21.51 1.08 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.76 0.00	15.83 0.85 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.31 1.01 0.00	18.89 1.25 0.00	22.37 1.71 -1.64	28.75 2.13 -2.11	35.20 2.24 0.00	40.06 2.61 0.00	34.82 2.30 0.00	31.15 1.96 0.00	27.45 1.73 0.00	25.80 1.70 0.00	26.55 1.90 0.00	25.90 0.79 0.00
WADING RIVER_IC_3 23601	18.98 1.30 0.00	20.93 1.22 0.00	20.68 1.06 0.00	20.45 1.03 0.00	21.51 1.08 0.00	23.34 1.19 0.00	26.91 1.32 0.00	23.11 0.89 0.00	16.12 0.76 0.00	15.83 0.85 0.00	17.07 0.86 0.00	18.67 0.89 0.00	18.31 1.01 0.00	18.89 1.25 0.00	22.37 1.71 -1.64	28.75 2.13 -2.11	35.20 2.24 0.00	40.06 2.61 0.00	34.82 2.30 0.00	31.15 1.96 0.00	27.45 1.73 0.00	25.80 1.70 0.00	26.55 1.90 0.00	25.90 0.79 0.00
WALDENNY_12_KV_BK2 80841	17.43 -0.25 0.00	19.59 -0.12 0.00	19.52 -0.10 0.00	19.32 -0.10 0.00	20.28 -0.14 0.00	22.02 -0.12 0.00	25.18 -0.41 0.00	21.66 -0.55 0.00	15.00 -0.36 0.00	14.72 -0.25 0.00	15.86 -0.34 0.00	17.57 -0.22 0.00	17.12 -0.17 0.00	17.21 -0.44 0.00	18.28 -0.74 0.00	23.59 -0.92 0.00	31.68 -1.28 0.00	35.65 -1.81 0.00	30.64 -1.88 0.00	27.60 -1.59 0.00	24.17 -1.56 0.00	22.56 -1.54 0.00	23.38 -1.26 0.00	24.16 -0.95 0.00
WALDEN__HYDRO 24148	18.44 0.76 0.00	20.44 0.73 0.00	20.31 0.69 0.00	20.08 0.66 0.00	21.14 0.72 0.00	22.93 0.79 0.00	26.55 0.97 0.00	23.02 0.80 0.00	15.98 0.62 0.00	15.62 0.64 0.00	16.89 0.69 0.00	18.49 0.71 0.00	18.01 0.71 0.00	18.46 0.82 0.00	19.93 0.91 0.00	25.62 1.11 0.00	34.35 1.39 0.00	39.10 1.64 0.00	34.02 1.50 0.00	30.50 1.31 0.00	26.83 1.11 0.00	25.17 1.08 0.00	25.75 1.10 0.00	26.03 0.93 0.00
WARRENSBURG____ 23737	18.75 1.07 0.00	20.90 1.19 0.00	20.79 1.17 0.00	20.58 1.16 0.00	21.62 1.20 0.00	23.47 1.32 0.00	27.21 1.63 0.00	23.66 1.44 0.00	16.24 0.88 0.00	15.67 0.69 0.00	16.93 0.73 0.00	18.53 0.74 0.00	17.94 0.64 0.00	18.37 0.72 0.00	20.10 1.08 0.00	26.03 1.52 0.00	35.24 2.29 0.00	40.20 2.74 0.00	34.97 2.46 0.00	31.36 2.17 0.00	27.52 1.79 0.00	25.76 1.67 0.00	26.32 1.68 0.00	26.73 1.63 0.00
WATERSIDE____6 8 9 23538	18.58 0.90 0.00	20.58 0.88 0.00	20.43 0.81 0.00	20.20 0.78 0.00	21.25 0.83 0.00	23.03 0.89 0.00	26.67 1.09 0.00	23.14 0.92 0.00	16.12 0.76 0.00	15.80 0.82 0.00	17.10 0.90 0.00	18.70 0.91 0.00	18.23 0.94 0.00	18.69 1.05 0.00	20.17 1.15 0.00	25.84 1.33 0.00	34.53 1.58 0.00	39.24 1.78 0.00	34.19 1.67 0.00	30.66 1.47 0.00	26.98 1.26 0.00	25.31 1.22 0.00	25.92 1.27 0.00	43.89 1.02 -17.76
WATKINRD_115KV_LN8_ILLION 55919	17.70 0.02 0.00	19.72 0.01 0.00	19.64 0.02 0.00	19.46 0.04 0.00	20.45 0.03 0.00	22.18 0.03 0.00	25.66 0.07 0.00	22.28 0.06 0.00	15.32 -0.04 0.00	14.88 -0.10 0.00	16.09 -0.12 0.00	17.61 -0.17 0.00	17.10 -0.20 0.00	17.47 -0.17 0.00	18.92 -0.10 0.00	24.57 0.06 0.00	33.17 0.22 0.00	37.86 0.40 0.00	32.90 0.38 0.00	29.52 0.33 0.00	25.99 0.26 0.00	24.38 0.29 0.00	24.91 0.26 0.00	25.35 0.24 0.00
WATSON____69_KV_BK 1 55734	19.09 1.41 0.00	21.07 1.37 0.00	20.82 1.21 0.00	20.60 1.18 0.00	21.66 1.23 0.00	23.50 1.36 0.00	27.10 1.52 0.00	23.27 1.05 0.00	16.24 0.88 0.00	15.97 1.00 0.00	17.23 1.02 0.00	18.85 1.07 0.00	18.42 1.12 0.00	18.98 1.33 0.00	22.39 1.73 -1.64	28.73 2.12 -2.11	35.19 2.23 0.00	40.07 2.61 0.00	34.88 2.36 0.00	31.24 2.05 0.00	27.49 1.77 0.00	25.82 1.72 0.00	26.62 1.97 0.00	26.58 1.47 0.00
WDELAWARE__HYD 323627	18.57 0.89 0.00	20.61 0.90 0.00	20.47 0.86 0.00	20.26 0.84 0.00	21.33 0.91 0.00	23.14 1.00 0.00	26.80 1.21 0.00	23.24 1.03 0.00	16.10 0.74 0.00	15.71 0.73 0.00	16.97 0.76 0.00	18.57 0.78 0.00	18.07 0.77 0.00	18.51 0.87 0.00	19.98 0.97 0.00	25.77 1.26 0.00	34.65 1.70 0.00	39.48 2.02 0.00	34.37 1.85 0.00	30.82 1.63 0.00	27.11 1.39 0.00	25.42 1.32 0.00	26.00 1.36 0.00	26.30 1.19 0.00

WEST BABYLON___IC 23714	19.05 1.37 0.00	21.03 1.32 0.00	20.77 1.15 0.00	20.55 1.13 0.00	21.61 1.19 0.00	23.45 1.30 0.00	27.02 1.43 0.00	23.20 0.97 0.00	16.18 0.82 0.00	15.92 0.95 0.00	17.18 0.98 0.00	18.80 1.02 0.00	18.37 1.07 0.00	18.90 1.26 0.00	22.29 1.63 -1.64	28.60 1.99 -2.11	35.03 2.08 0.00	39.90 2.45 0.00	34.74 2.22 0.00	31.12 1.93 0.00	27.39 1.67 0.00	25.76 1.66 0.00	26.57 1.92 0.00	26.56 1.46 0.00
WEST CANADA___HYD 24049	17.71 0.03 0.00	19.74 0.03 0.00	19.66 0.04 0.00	19.46 0.04 0.00	20.46 0.04 0.00	22.17 0.02 0.00	25.63 0.04 0.00	22.25 0.03 0.00	15.37 0.01 0.00	14.99 0.01 0.00	16.22 0.01 0.00	17.79 0.00 0.00	17.30 0.00 0.00	17.65 0.01 0.00	19.05 0.03 0.00	24.56 0.05 0.00	33.04 0.08 0.00	37.58 0.12 0.00	32.64 0.13 0.00	29.29 0.10 0.00	25.80 0.08 0.00	24.17 0.08 0.00	24.71 0.06 0.00	25.15 0.05 0.00
WESTERN_NY_WIND 24143	17.61 -0.07 0.00	19.78 0.08 0.00	19.72 0.10 0.00	19.51 0.09 0.00	20.47 0.04 0.00	22.22 0.08 0.00	25.42 -0.17 0.00	21.85 -0.36 0.00	15.08 -0.28 0.00	14.68 -0.29 0.00	15.75 -0.46 0.00	17.41 -0.37 0.00	16.94 -0.36 0.00	17.03 -0.62 0.00	18.15 -0.87 0.00	23.57 -0.94 0.00	31.95 -1.01 0.00	36.15 -1.31 0.00	31.11 -1.40 0.00	28.03 -1.16 0.00	24.58 -1.14 0.00	22.96 -1.14 0.00	23.80 -0.85 0.00	24.49 -0.61 0.00
WESTOVER___LESR 323668	17.63 -0.05 0.00	19.69 -0.02 0.00	19.60 -0.01 0.00	19.40 -0.02 0.00	20.47 0.05 0.00	22.20 0.06 0.00	25.62 0.04 0.00	22.23 0.01 0.00	15.32 -0.04 0.00	14.99 0.02 0.00	16.18 -0.02 0.00	17.80 0.01 0.00	17.31 0.01 0.00	17.68 0.03 0.00	18.98 -0.04 0.00	24.53 0.02 0.00	32.93 -0.02 0.00	37.37 -0.09 0.00	32.38 -0.13 0.00	29.05 -0.15 0.00	25.54 -0.19 0.00	23.93 -0.17 0.00	24.44 -0.21 0.00	24.94 -0.17 0.00
WETHRSFD_WT_PWR 323626	17.18 -0.50 0.00	19.29 -0.42 0.00	19.24 -0.38 0.00	19.07 -0.36 0.00	20.08 -0.34 0.00	21.86 -0.28 0.00	25.09 -0.50 0.00	21.67 -0.55 0.00	14.91 -0.45 0.00	14.56 -0.41 0.00	15.69 -0.51 0.00	17.37 -0.42 0.00	16.92 -0.38 0.00	17.07 -0.57 0.00	18.17 -0.85 0.00	23.58 -0.93 0.00	31.82 -1.14 0.00	35.87 -1.59 0.00	30.82 -1.70 0.00	27.62 -1.57 0.00	24.11 -1.61 0.00	22.40 -1.69 0.00	23.06 -1.59 0.00	23.69 -1.42 0.00
WHAVSTOR_138KV_BK127 55557	18.42 0.74 0.00	20.40 0.69 0.00	20.27 0.65 0.00	20.04 0.62 0.00	21.10 0.67 0.00	22.89 0.75 0.00	26.51 0.93 0.00	22.98 0.76 0.00	15.97 0.61 0.00	15.63 0.65 0.00	16.90 0.70 0.00	18.50 0.72 0.00	18.03 0.73 0.00	18.50 0.85 0.00	19.96 0.94 0.00	25.62 1.11 0.00	34.27 1.31 0.00	38.98 1.53 0.00	33.92 1.40 0.00	30.41 1.22 0.00	26.76 1.03 0.00	25.11 1.01 0.00	25.70 1.06 0.00	25.97 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.42 0.74 0.00	20.40 0.69 0.00	20.27 0.65 0.00	20.04 0.62 0.00	21.10 0.67 0.00	22.89 0.75 0.00	26.51 0.93 0.00	22.98 0.76 0.00	15.97 0.61 0.00	15.63 0.65 0.00	16.90 0.70 0.00	18.50 0.72 0.00	18.03 0.73 0.00	18.50 0.85 0.00	19.96 0.94 0.00	25.62 1.11 0.00	34.27 1.31 0.00	38.98 1.53 0.00	33.92 1.40 0.00	30.41 1.22 0.00	26.76 1.03 0.00	25.11 1.01 0.00	25.70 1.06 0.00	25.97 0.87 0.00
WHITEHAL_115KV_TB1 80871	18.91 1.23 0.00	21.12 1.41 0.00	21.04 1.42 0.00	20.82 1.41 0.00	21.86 1.44 0.00	23.74 1.59 0.00	27.66 2.07 0.00	24.15 1.93 0.00	16.50 1.14 0.00	15.76 0.78 0.00	17.00 0.79 0.00	18.61 0.83 0.00	18.05 0.75 0.00	18.50 0.86 0.00	20.66 1.64 0.00	26.63 2.12 0.00	36.28 3.32 0.00	41.42 3.96 0.00	36.14 3.62 0.00	32.46 3.26 0.00	28.26 2.53 0.00	26.40 2.30 0.00	26.79 2.14 0.00	27.18 2.07 0.00
WHITEPLN_13_KV_LOAD 356215	18.64 0.96 0.00	20.65 0.94 0.00	20.50 0.88 0.00	20.26 0.84 0.00	21.33 0.90 0.00	23.13 0.99 0.00	26.79 1.21 0.00	23.23 1.01 0.00	16.16 0.80 0.00	15.83 0.85 0.00	17.12 0.91 0.00	18.75 0.96 0.00	18.28 0.98 0.00	18.75 1.11 0.00	20.23 1.21 0.00	25.98 1.47 0.00	34.76 1.80 0.00	39.54 2.09 0.00	34.42 1.90 0.00	30.85 1.66 0.00	27.13 1.41 0.00	25.45 1.35 0.00	26.04 1.40 0.00	26.30 1.19 0.00
WM_FLOYD_69_KV_BK2 356380	19.00 1.32 0.00	20.96 1.24 0.00	20.70 1.08 0.00	20.47 1.05 0.00	21.52 1.10 0.00	23.35 1.21 0.00	26.93 1.35 0.00	23.13 0.91 0.00	16.13 0.77 0.00	15.84 0.86 0.00	17.07 0.87 0.00	18.67 0.89 0.00	18.29 0.99 0.00	18.87 1.23 0.00	22.32 1.66 -1.64	28.69 2.07 -2.11	35.12 2.17 0.00	39.99 2.53 0.00	34.76 2.25 0.00	31.12 1.93 0.00	27.41 1.69 0.00	25.75 1.65 0.00	26.52 1.88 0.00	26.17 1.07 0.00
WOODARD___115KV_TB2 355635	17.43 -0.25 0.00	19.45 -0.25 0.00	19.36 -0.25 0.00	19.16 -0.26 0.00	20.16 -0.27 0.00	21.86 -0.29 0.00	25.23 -0.35 0.00	21.90 -0.32 0.00	15.12 -0.24 0.00	14.73 -0.24 0.00	15.92 -0.28 0.00	17.49 -0.30 0.00	17.00 -0.29 0.00	17.32 -0.32 0.00	18.66 -0.36 0.00	24.12 -0.39 0.00	32.48 -0.48 0.00	36.92 -0.53 0.00	32.02 -0.50 0.00	28.73 -0.46 0.00	25.29 -0.44 0.00	23.68 -0.42 0.00	24.22 -0.42 0.00	24.69 -0.41 0.00
YORK___WARBASSE 23770	18.68 1.00 0.00	20.70 0.99 0.00	20.55 0.93 0.00	20.32 0.90 0.00	21.38 0.96 0.00	23.17 1.02 0.00	26.85 1.26 0.00	23.29 1.07 0.00	16.18 0.82 0.00	15.83 0.85 0.00	17.14 0.94 0.00	18.72 0.93 0.00	18.24 0.95 0.00	18.71 1.06 0.00	20.19 1.17 0.00	25.89 1.38 0.00	34.60 1.64 0.00	39.34 1.88 0.00	34.29 1.78 0.00	30.74 1.55 0.00	27.03 1.31 0.00	25.34 1.25 0.00	25.94 1.29 0.00	43.91 1.05 -17.76