

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/03/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	23.61	22.70	20.53	20.34	20.00	19.47	20.29	20.37	20.09	20.48	20.26	19.02	18.49	18.61	18.58	18.39	19.84	23.13	23.24	30.01	46.86	28.75	20.78	20.62
24138	0.63	0.64	0.56	0.50	0.51	0.54	0.61	0.66	0.62	0.62	0.66	0.65	0.58	0.66	0.64	0.71	0.77	1.09	1.30	1.35	1.28	0.89	0.63	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.65	22.67	20.50	20.32	19.98	19.45	20.27	20.35	20.07	20.45	20.24	19.00	18.48	18.60	18.57	18.37	19.82	23.11	23.21	30.00	46.86	28.74	20.77	20.61
24260	0.68	0.61	0.53	0.48	0.49	0.52	0.59	0.64	0.60	0.59	0.64	0.63	0.56	0.65	0.63	0.68	0.75	1.07	1.28	1.34	1.28	0.89	0.62	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.65	22.67	20.50	20.32	19.98	19.45	20.27	20.35	20.07	20.45	20.24	19.00	18.48	18.60	18.57	18.37	19.82	23.11	23.21	30.00	46.86	28.74	20.77	20.61
24261	0.68	0.61	0.53	0.48	0.49	0.52	0.59	0.64	0.60	0.59	0.64	0.63	0.56	0.65	0.63	0.68	0.75	1.07	1.28	1.34	1.28	0.89	0.62	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.55	22.51	20.39	20.31	19.95	19.36	20.22	20.29	20.15	20.61	20.28	18.96	18.45	18.52	18.56	18.33	19.79	23.15	23.15	30.02	47.12	28.63	20.58	20.54
24011	0.57	0.45	0.43	0.48	0.46	0.44	0.54	0.57	0.68	0.75	0.68	0.60	0.53	0.57	0.62	0.65	0.72	1.11	1.22	1.36	1.54	0.77	0.43	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.60	22.56	20.46	20.40	20.02	19.44	20.31	20.40	20.31	20.77	20.42	19.10	18.54	18.62	18.65	18.43	19.91	23.34	23.34	30.24	47.32	28.72	20.62	20.57
23798	0.62	0.50	0.49	0.56	0.52	0.51	0.63	0.69	0.84	0.92	0.82	0.73	0.63	0.67	0.71	0.75	0.84	1.31	1.41	1.58	1.75	0.86	0.47	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.55	22.51	20.39	20.31	19.95	19.36	20.22	20.29	20.15	20.61	20.28	18.96	18.45	18.52	18.56	18.33	19.79	23.15	23.15	30.02	47.12	28.63	20.58	20.54
24028	0.57	0.45	0.43	0.48	0.46	0.44	0.54	0.57	0.68	0.75	0.68	0.60	0.53	0.57	0.62	0.65	0.72	1.11	1.22	1.36	1.54	0.77	0.43	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.21	22.29	20.23	20.13	19.76	19.16	20.01	20.07	19.79	20.21	19.82	18.53	18.14	18.27	18.28	17.96	19.41	22.50	22.54	29.32	46.36	28.23	20.35	20.29
23527	0.23	0.23	0.27	0.30	0.27	0.23	0.32	0.36	0.33	0.36	0.23	0.16	0.22	0.32	0.33	0.28	0.34	0.46	0.61	0.65	0.78	0.36	0.20	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.16	22.23	20.15	20.05	19.69	19.09	19.88	19.89	19.65	20.08	19.77	18.53	18.10	18.22	18.21	17.94	19.31	22.42	22.42	29.14	45.95	28.06	20.33	20.32
24190	0.18	0.17	0.19	0.21	0.20	0.16	0.20	0.18	0.19	0.23	0.17	0.17	0.19	0.26	0.26	0.26	0.24	0.38	0.49	0.48	0.37	0.20	0.18	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.54	22.64	20.51	20.38	19.98	19.42	20.20	20.20	20.02	20.46	20.16	18.83	18.36	18.32	18.29	17.99	19.43	22.25	21.95	28.80	46.13	28.24	20.45	20.49
355683	0.56	0.58	0.54	0.54	0.48	0.50	0.52	0.49	0.55	0.60	0.57	0.46	0.45	0.37	0.34	0.30	0.36	0.21	0.02	0.14	0.56	0.38	0.30	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.53	22.58	20.46	20.35	19.99	19.37	20.17	20.19	19.93	20.37	20.05	18.78	18.35	18.46	18.44	18.19	19.60	22.76	22.72	29.53	46.60	28.43	20.56	20.56
323833	0.55	0.52	0.49	0.52	0.50	0.44	0.48	0.47	0.47	0.51	0.46	0.42	0.43	0.51	0.50	0.51	0.53	0.72	0.79	0.87	1.02	0.57	0.41	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.52	22.57	20.45	20.35	19.99	19.36	20.15	20.18	19.93	20.36	20.04	18.78	18.34	18.45	18.44	18.18	19.59	22.75	22.72	29.52	46.59	28.42	20.56	20.55
323834	0.54	0.51	0.48	0.51	0.49	0.44	0.47	0.47	0.46	0.50	0.45	0.42	0.42	0.50	0.50	0.50	0.52	0.71	0.79	0.86	1.01	0.56	0.41	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.16	22.23	20.15	20.05	19.69	19.09	19.88	19.89	19.65	20.08	19.77	18.53	18.10	18.22	18.21	17.94	19.31	22.42	22.42	29.14	45.95	28.06	20.33	20.32
23571	0.18	0.17	0.19	0.21	0.20	0.16	0.20	0.18	0.19	0.23	0.17	0.17	0.19	0.26	0.26	0.26	0.24	0.38	0.49	0.48	0.37	0.20	0.18	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.09 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.77 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.94 0.26 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
ALBANY___3 23573	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.09 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.77 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.94 0.26 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
ALBANY___4 23574	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.09 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.77 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.94 0.26 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
ALBANY___LFGE 323615	23.30 0.33 0.00	22.36 0.30 0.00	20.27 0.31 0.00	20.16 0.32 0.00	19.80 0.31 0.00	19.19 0.27 0.00	19.99 0.31 0.00	20.01 0.31 0.00	19.77 0.31 0.00	20.21 0.36 0.00	19.90 0.30 0.00	18.66 0.29 0.00	18.22 0.31 0.00	18.34 0.39 0.00	18.34 0.39 0.00	18.08 0.39 0.00	19.46 0.39 0.00	22.59 0.55 0.00	22.60 0.67 0.00	29.35 0.70 0.00	46.28 0.71 0.00	28.25 0.39 0.00	20.46 0.31 0.00	20.44 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	23.78 0.80 0.00	22.87 0.81 0.00	20.71 0.75 0.00	20.59 0.74 0.00	20.17 0.68 0.00	19.62 0.69 0.00	20.41 0.72 0.00	20.40 0.69 0.00	20.23 0.76 0.00	20.67 0.81 0.00	20.37 0.77 0.00	19.01 0.65 0.00	18.55 0.63 0.00	18.50 0.55 0.00	18.45 0.51 0.00	18.16 0.48 0.00	19.60 0.53 0.00	22.37 0.33 0.00	22.08 0.15 0.00	28.98 0.32 0.00	46.42 0.85 0.00	28.43 0.57 0.00	20.64 0.49 0.00	20.67 0.50 0.00
ALCOA_RYNLDS___DRP 24188	23.78 0.80 0.00	22.87 0.81 0.00	20.71 0.75 0.00	20.59 0.74 0.00	20.17 0.68 0.00	19.62 0.69 0.00	20.41 0.72 0.00	20.40 0.69 0.00	20.23 0.76 0.00	20.67 0.81 0.00	20.37 0.77 0.00	19.01 0.65 0.00	18.55 0.63 0.00	18.50 0.55 0.00	18.45 0.51 0.00	18.16 0.48 0.00	19.60 0.53 0.00	22.37 0.33 0.00	22.08 0.15 0.00	28.98 0.32 0.00	46.42 0.85 0.00	28.43 0.57 0.00	20.64 0.49 0.00	20.67 0.50 0.00
ALCOA___DSASP 323711	23.78 0.80 0.00	22.87 0.81 0.00	20.72 0.75 0.00	20.59 0.74 0.00	20.17 0.68 0.00	19.62 0.69 0.00	20.41 0.72 0.00	20.40 0.69 0.00	20.22 0.76 0.00	20.67 0.81 0.00	20.37 0.77 0.00	19.01 0.65 0.00	18.55 0.63 0.00	18.50 0.55 0.00	18.45 0.51 0.00	18.16 0.48 0.00	19.60 0.53 0.00	22.37 0.33 0.00	22.08 0.15 0.00	28.98 0.32 0.00	46.42 0.85 0.00	28.43 0.57 0.00	20.64 0.49 0.00	20.68 0.50 0.00
ALLEGHENY___COGEN 23514	23.31 0.33 0.00	22.33 0.27 0.00	20.11 0.15 0.00	19.96 0.12 0.00	19.66 0.17 0.00	19.12 0.19 0.00	19.79 0.11 0.00	19.85 0.14 0.00	19.53 0.06 0.00	19.94 0.09 0.00	19.66 0.07 0.00	18.33 -0.04 0.00	17.82 -0.09 0.00	17.75 -0.21 0.00	17.91 -0.03 0.00	17.80 0.12 0.00	19.21 0.14 0.00	22.36 0.33 0.00	22.46 0.52 0.00	29.22 0.56 0.00	45.98 0.41 0.00	28.00 0.14 0.00	20.14 -0.01 0.00	20.06 -0.12 0.00
ALTAMONT_115KV_TB 2 55880	23.22 0.24 0.00	22.27 0.21 0.00	20.17 0.21 0.00	20.06 0.22 0.00	19.71 0.22 0.00	19.11 0.19 0.00	19.90 0.22 0.00	19.94 0.23 0.00	19.69 0.22 0.00	20.09 0.24 0.00	19.81 0.22 0.00	18.57 0.20 0.00	18.12 0.20 0.00	18.22 0.26 0.00	18.21 0.27 0.00	17.96 0.28 0.00	19.36 0.29 0.00	22.49 0.45 0.00	22.48 0.55 0.00	29.23 0.57 0.00	46.13 0.55 0.00	28.17 0.31 0.00	20.37 0.22 0.00	20.35 0.17 0.00
ALTONA_WT_PWR 323606	24.34 1.37 0.00	23.42 1.36 0.00	21.25 1.28 0.00	21.12 1.28 0.00	20.67 1.18 0.00	20.01 1.09 0.00	20.80 1.13 0.00	20.82 1.11 0.00	20.62 1.15 0.00	21.06 1.20 0.00	20.73 1.13 0.00	19.36 0.99 0.00	18.84 0.92 0.00	18.84 0.89 0.00	18.76 0.82 0.00	18.47 0.79 0.00	20.01 0.93 0.00	22.94 0.90 0.00	22.48 0.55 0.00	29.59 0.93 0.00	47.28 1.70 0.00	28.94 1.08 0.00	21.11 0.96 0.00	21.13 0.95 0.00
AMERICAN_REF_FUEL 24010	21.40 -1.58 0.00	20.60 -1.46 0.00	18.61 -1.36 0.00	18.40 -1.44 0.00	18.14 -1.35 0.00	17.53 -1.40 0.00	17.90 -1.78 0.00	17.71 -2.00 0.00	17.57 -1.89 0.00	18.10 -1.76 0.00	17.92 -1.68 0.00	16.99 -1.37 0.00	16.69 -1.23 0.00	16.51 -1.44 0.00	16.55 -1.39 0.00	16.39 -1.29 0.00	17.45 -1.62 0.00	19.98 -2.06 0.00	19.97 -1.96 0.00	25.73 -2.93 0.00	40.41 -5.17 0.00	24.87 -2.99 0.00	18.16 -2.00 0.00	18.39 -1.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.56 -0.41 0.00	21.69 -0.37 0.00	19.49 -0.47 0.00	19.33 -0.52 0.00	19.05 -0.44 0.00	18.47 -0.45 0.00	18.94 -0.74 0.00	18.92 -0.79 0.00	18.63 -0.83 0.00	19.19 -0.66 0.00	19.03 -0.57 0.00	17.95 -0.42 0.00	17.55 -0.36 0.00	17.35 -0.60 0.00	17.48 -0.46 0.00	17.29 -0.39 0.00	18.47 -0.60 0.00	21.24 -0.80 0.00	21.11 -0.82 0.00	27.32 -1.34 0.00	42.46 -3.12 0.00	25.59 -2.27 0.00	18.54 -1.62 0.00	18.79 -1.39 0.00
ARTHUR KILL_GT_1 23520	23.65 0.68 0.00	22.53 0.47 0.00	20.38 0.42 0.00	20.19 0.35 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.93 0.46 0.00	20.27 0.42 0.00	20.06 0.46 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.48 0.00	18.40 0.46 0.00	18.21 0.53 0.00	19.65 0.58 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.72 1.06 0.00	46.17 0.82 0.23	28.69 0.82 0.00	20.74 0.59 0.00	20.58 0.40 0.00
ARTHUR_KILL_2 23512	23.59 0.61 0.00	22.47 0.41 0.00	20.33 0.36 0.00	20.13 0.29 0.00	19.80 0.31 0.00	19.27 0.34 0.00	20.10 0.42 0.00	20.17 0.45 0.00	19.88 0.41 0.00	20.22 0.37 0.00	20.01 0.42 0.00	18.78 0.42 0.00	18.27 0.35 0.00	18.40 0.44 0.00	18.36 0.41 0.00	18.16 0.48 0.00	19.60 0.53 0.00	22.85 0.82 0.00	22.97 1.04 0.00	29.63 0.97 0.00	46.03 0.69 0.23	28.61 0.75 0.00	20.68 0.53 0.00	20.53 0.35 0.00
ARTHUR_KILL_3 23513	23.38 0.41 0.00	22.45 0.39 0.00	20.30 0.33 0.00	20.11 0.28 0.00	19.78 0.29 0.00	19.26 0.33 0.00	20.08 0.40 0.00	20.15 0.44 0.00	19.87 0.40 0.00	20.23 0.38 0.00	20.02 0.43 0.00	18.80 0.43 0.00	18.28 0.36 0.00	18.41 0.45 0.00	18.37 0.43 0.00	18.17 0.49 0.00	19.61 0.54 0.00	22.86 0.82 0.00	22.96 1.04 0.00	29.66 1.00 0.00	46.29 0.71 0.00	28.40 0.54 0.00	20.52 0.37 0.00	20.36 0.18 0.00

[illegible]

ASTORIA_GT4_4 24105	23.48 0.51 0.00	22.47 0.41 0.00	20.33 0.37 0.00	20.16 0.32 0.00	19.81 0.32 0.00	19.27 0.35 0.00	20.10 0.42 0.00	20.16 0.45 0.00	19.90 0.44 0.00	20.24 0.38 0.00	20.09 0.49 0.00	18.80 0.44 0.00	18.29 0.37 0.00	18.45 0.49 0.00	18.41 0.47 0.00	18.21 0.53 0.00	19.63 0.57 0.00	22.87 0.83 0.00	22.98 1.06 0.00	29.72 1.06 0.00	46.37 0.80 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
ASTORIA_GT_1 23523	23.52 0.54 0.00	22.50 0.44 0.00	20.36 0.40 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.37 0.00	20.14 0.46 0.00	20.20 0.49 0.00	19.96 0.49 0.00	20.26 0.40 0.00	20.12 0.53 0.00	18.84 0.47 0.00	18.32 0.40 0.00	18.48 0.52 0.00	18.44 0.49 0.00	18.25 0.57 0.00	19.66 0.59 0.00	22.91 0.87 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.45 0.88 0.00	28.60 0.74 0.00	20.63 0.48 0.00	20.48 0.30 0.00
ASTORIA_GT_10 24110	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.21 0.50 0.00	19.94 0.47 0.00	20.30 0.44 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.67 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.47 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA_GT_11 24225	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.21 0.50 0.00	19.94 0.47 0.00	20.30 0.44 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.67 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.47 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA_GT_12 24226	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.21 0.50 0.00	19.94 0.47 0.00	20.30 0.44 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.67 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.47 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA_GT_13 24227	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.21 0.50 0.00	19.94 0.47 0.00	20.30 0.44 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.67 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.47 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA_GT_5 24106	23.52 0.54 0.00	22.50 0.44 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.83 0.34 0.00	19.30 0.37 0.00	20.12 0.44 0.00	20.20 0.48 0.00	19.93 0.46 0.00	20.26 0.41 0.00	20.12 0.52 0.00	18.84 0.47 0.00	18.32 0.40 0.00	18.48 0.52 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.67 0.59 0.00	22.91 0.87 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.46 0.88 0.00	28.60 0.74 0.00	20.63 0.47 0.00	20.48 0.30 0.00
ASTORIA_GT_7 24107	23.52 0.54 0.00	22.50 0.44 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.83 0.34 0.00	19.30 0.37 0.00	20.12 0.44 0.00	20.20 0.48 0.00	19.93 0.46 0.00	20.26 0.41 0.00	20.12 0.52 0.00	18.84 0.47 0.00	18.32 0.40 0.00	18.48 0.52 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.67 0.59 0.00	22.91 0.87 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.46 0.88 0.00	28.60 0.74 0.00	20.63 0.47 0.00	20.48 0.30 0.00
ASTORIA_GT_8 24108	23.52 0.54 0.00	22.50 0.44 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.83 0.34 0.00	19.30 0.37 0.00	20.12 0.44 0.00	20.20 0.48 0.00	19.93 0.46 0.00	20.26 0.41 0.00	20.12 0.52 0.00	18.84 0.47 0.00	18.32 0.40 0.00	18.48 0.52 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.67 0.59 0.00	22.91 0.87 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.46 0.88 0.00	28.60 0.74 0.00	20.63 0.47 0.00	20.48 0.30 0.00
ASTORIA___2 24149	23.48 0.50 0.00	22.47 0.41 0.00	20.33 0.37 0.00	20.15 0.31 0.00	19.81 0.32 0.00	19.27 0.35 0.00	20.11 0.43 0.00	20.17 0.46 0.00	19.93 0.46 0.00	20.23 0.38 0.00	20.09 0.49 0.00	18.80 0.44 0.00	18.29 0.37 0.00	18.45 0.49 0.00	18.41 0.47 0.00	18.22 0.54 0.00	19.63 0.57 0.00	22.87 0.83 0.00	22.98 1.05 0.00	29.72 1.06 0.00	46.37 0.79 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
ASTORIA___3 23516	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.95 0.48 0.00	20.30 0.45 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.66 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.48 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA___4 23517	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.21 0.50 0.00	19.94 0.47 0.00	20.30 0.44 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.67 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.47 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
ASTORIA___5 23518	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.95 0.48 0.00	20.30 0.45 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.66 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.48 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
AST_ENERGY_2_CC3 323677	23.46 0.48 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.17 0.34 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.21 0.49 0.00	19.93 0.46 0.00	20.30 0.44 0.00	20.09 0.49 0.00	18.85 0.49 0.00	18.33 0.41 0.00	18.45 0.50 0.00	18.42 0.48 0.00	18.24 0.55 0.00	19.67 0.60 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.75 1.09 0.00	46.45 0.87 0.00	28.50 0.65 0.00	20.61 0.46 0.00	20.45 0.27 0.00
AST_ENERGY_2_CC4 323678	23.46 0.48 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.17 0.34 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.21 0.49 0.00	19.93 0.46 0.00	20.30 0.44 0.00	20.09 0.49 0.00	18.85 0.49 0.00	18.33 0.41 0.00	18.45 0.50 0.00	18.42 0.48 0.00	18.24 0.55 0.00	19.67 0.60 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.75 1.09 0.00	46.45 0.87 0.00	28.50 0.65 0.00	20.61 0.46 0.00	20.45 0.27 0.00

ATHENS_STG_1 23668	23.25 0.28 0.00	22.30 0.24 0.00	20.18 0.21 0.00	20.06 0.22 0.00	19.72 0.23 0.00	19.13 0.21 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.72 0.25 0.00	20.11 0.26 0.00	19.85 0.25 0.00	18.61 0.24 0.00	18.13 0.22 0.00	18.24 0.29 0.00	18.23 0.29 0.00	17.99 0.31 0.00	19.41 0.34 0.00	22.57 0.53 0.00	22.60 0.67 0.00	29.35 0.69 0.00	46.20 0.62 0.00	28.25 0.38 0.00	20.42 0.27 0.00	20.35 0.18 0.00
ATHENS_STG_2 23670	23.25 0.28 0.00	22.30 0.24 0.00	20.18 0.21 0.00	20.06 0.22 0.00	19.72 0.23 0.00	19.13 0.21 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.72 0.25 0.00	20.11 0.26 0.00	19.85 0.25 0.00	18.61 0.24 0.00	18.13 0.22 0.00	18.24 0.29 0.00	18.23 0.29 0.00	17.99 0.31 0.00	19.41 0.34 0.00	22.57 0.53 0.00	22.60 0.67 0.00	29.35 0.69 0.00	46.20 0.62 0.00	28.25 0.38 0.00	20.42 0.27 0.00	20.35 0.18 0.00
ATHENS_STG_3 23677	23.25 0.28 0.00	22.30 0.24 0.00	20.18 0.21 0.00	20.06 0.22 0.00	19.72 0.23 0.00	19.13 0.21 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.72 0.25 0.00	20.11 0.26 0.00	19.85 0.25 0.00	18.61 0.24 0.00	18.13 0.22 0.00	18.24 0.29 0.00	18.23 0.29 0.00	17.99 0.31 0.00	19.41 0.34 0.00	22.57 0.53 0.00	22.60 0.67 0.00	29.35 0.69 0.00	46.20 0.62 0.00	28.25 0.38 0.00	20.42 0.27 0.00	20.35 0.18 0.00
AUBURN___LFGE 323710	22.70 -0.27 0.00	21.87 -0.19 0.00	19.69 -0.28 0.00	19.55 -0.29 0.00	19.23 -0.26 0.00	18.68 -0.25 0.00	19.39 -0.29 0.00	19.51 -0.20 0.00	19.25 -0.22 0.00	19.54 -0.32 0.00	19.35 -0.24 0.00	18.19 -0.17 0.00	17.75 -0.17 0.00	17.73 -0.22 0.00	17.76 -0.18 0.00	17.55 -0.13 0.00	18.89 -0.18 0.00	21.90 -0.13 0.00	21.83 -0.10 0.00	28.55 -0.11 0.00	45.30 -0.27 0.00	27.70 -0.16 0.00	20.01 -0.14 0.00	20.08 -0.10 0.00
BABYLON_RES_REC 323704	23.79 0.81 0.00	22.81 0.75 0.00	20.59 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.48 0.55 0.00	20.31 0.63 0.00	20.33 0.61 0.00	20.04 0.57 0.00	20.39 0.53 0.00	20.24 0.64 0.00	19.01 0.64 0.00	18.49 0.58 0.00	18.61 0.66 0.00	18.58 0.63 0.00	18.41 0.73 0.00	19.88 0.81 0.00	23.26 1.22 0.00	23.43 1.51 0.00	30.32 1.66 0.00	47.11 1.54 0.00	28.90 1.04 0.00	20.98 0.83 0.00	20.85 0.67 0.00
BABYLON__69_KV_BK2 356345	23.98 1.00 0.00	22.99 0.93 0.00	20.75 0.79 0.00	20.55 0.71 0.00	20.20 0.71 0.00	19.63 0.70 0.00	20.45 0.77 0.00	20.48 0.76 0.00	20.20 0.73 0.00	20.55 0.69 0.00	20.40 0.80 0.00	19.16 0.80 0.00	18.64 0.72 0.00	18.76 0.81 0.00	18.72 0.78 0.00	18.56 0.87 0.00	20.05 0.98 0.00	23.46 1.43 0.00	23.66 1.73 0.00	30.61 1.95 0.00	47.56 1.98 0.00	29.15 1.30 0.00	21.15 1.00 0.00	21.03 0.86 0.00
BALL_HILL_WT_PWR 323825	22.23 -0.75 0.00	21.38 -0.68 0.00	19.24 -0.72 0.00	19.07 -0.78 0.00	18.79 -0.70 0.00	18.20 -0.73 0.00	18.64 -1.04 0.00	18.58 -1.13 0.00	18.33 -1.14 0.00	18.88 -0.98 0.00	18.72 -0.87 0.00	17.69 -0.68 0.00	17.31 -0.61 0.00	17.15 -0.80 0.00	17.23 -0.71 0.00	17.06 -0.62 0.00	18.21 -0.86 0.00	20.92 -1.12 0.00	20.83 -1.10 0.00	26.93 -1.73 0.00	42.17 -3.40 0.00	25.75 -2.11 0.00	18.72 -1.43 0.00	18.87 -1.30 0.00
BARON_WINDS___WT_PWR 323822	22.84 -0.14 0.00	21.93 -0.13 0.00	19.71 -0.26 0.00	19.61 -0.23 0.00	19.31 -0.18 0.00	18.79 -0.13 0.00	19.47 -0.21 0.00	19.60 -0.11 0.00	19.22 -0.25 0.00	19.67 -0.19 0.00	19.48 -0.12 0.00	18.24 -0.13 0.00	17.75 -0.17 0.00	17.74 -0.21 0.00	17.81 -0.13 0.00	17.65 -0.03 0.00	19.00 -0.07 0.00	22.05 0.01 0.00	21.99 0.06 0.00	28.62 -0.04 0.00	44.81 -0.76 0.00	27.31 -0.55 0.00	19.62 -0.53 0.00	19.35 -0.83 0.00
BARRETT_IC_1 23704	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_10 23701	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_11 23702	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_12 23703	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_2 23705	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_3 23706	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_4 23707	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00

BARRETT_IC_5 23708	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_6 23709	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_7 23710	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.54 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.91 0.44 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.22 1.29 0.00	30.05 1.40 0.00	46.59 1.02 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_8 23711	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT_IC_9 23700	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT___1 23545	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BARRETT___2 23546	23.69 0.72 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.20 0.60 0.00	18.98 0.61 0.00	18.47 0.55 0.00	18.59 0.64 0.00	18.57 0.62 0.00	18.35 0.67 0.00	19.80 0.73 0.00	23.09 1.05 0.00	23.21 1.29 0.00	30.05 1.39 0.00	46.59 1.01 0.00	28.70 0.84 0.00	20.87 0.72 0.00	20.74 0.56 0.00
BATAVIA___115KV_TB1 55881	22.24 -0.73 0.00	21.38 -0.68 0.00	19.30 -0.67 0.00	19.09 -0.75 0.00	18.82 -0.67 0.00	18.21 -0.71 0.00	18.68 -1.00 0.00	18.56 -1.15 0.00	18.43 -1.04 0.00	18.94 -0.91 0.00	18.72 -0.88 0.00	17.72 -0.65 0.00	17.36 -0.55 0.00	17.21 -0.74 0.00	17.27 -0.67 0.00	17.14 -0.55 0.00	18.31 -0.76 0.00	21.05 -0.99 0.00	21.05 -0.88 0.00	27.17 -1.49 0.00	42.72 -2.85 0.00	26.19 -1.67 0.00	19.03 -1.13 0.00	19.21 -0.96 0.00
BAYONEEC___CTG1 323682	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG10 323750	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG2 323683	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG3 323684	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG4 323685	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG5 323686	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG6 323687	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00

BAYONEEC___CTG7 323688	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG8 323689	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BAYONEEC___CTG9 323749	23.48 0.50 0.00	22.52 0.46 0.00	20.37 0.40 0.00	20.18 0.34 0.00	19.85 0.36 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.45 0.88 0.00	28.52 0.66 0.00	20.61 0.46 0.00	20.45 0.28 0.00
BEACON___LESR 323632	23.40 0.43 0.00	22.41 0.35 0.00	20.32 0.36 0.00	20.19 0.36 0.00	19.83 0.34 0.00	19.26 0.34 0.00	20.07 0.39 0.00	20.09 0.38 0.00	19.83 0.36 0.00	20.27 0.41 0.00	19.93 0.33 0.00	18.68 0.32 0.00	18.25 0.33 0.00	18.36 0.40 0.00	18.35 0.41 0.00	18.10 0.41 0.00	19.51 0.44 0.00	22.70 0.66 0.00	22.75 0.82 0.00	29.60 0.94 0.00	46.56 0.98 0.00	28.36 0.50 0.00	20.52 0.37 0.00	20.51 0.33 0.00
BEAVER RIVER___HYD 24048	23.25 0.28 0.00	22.31 0.25 0.00	20.19 0.22 0.00	20.06 0.22 0.00	19.67 0.18 0.00	19.13 0.21 0.00	19.90 0.22 0.00	19.97 0.27 0.00	19.79 0.33 0.00	20.21 0.36 0.00	19.92 0.33 0.00	18.63 0.27 0.00	18.16 0.25 0.00	18.11 0.16 0.00	18.11 0.16 0.00	17.90 0.22 0.00	19.36 0.29 0.00	22.37 0.33 0.00	22.31 0.38 0.00	29.20 0.54 0.00	46.31 0.73 0.00	28.22 0.36 0.00	20.35 0.20 0.00	20.31 0.13 0.00
BEEBEE_GT_13 23619	22.14 -0.83 0.00	21.28 -0.78 0.00	19.22 -0.74 0.00	19.04 -0.80 0.00	18.75 -0.74 0.00	18.17 -0.76 0.00	18.72 -0.96 0.00	18.67 -1.04 0.00	18.49 -0.97 0.00	18.95 -0.90 0.00	18.74 -0.86 0.00	17.69 -0.68 0.00	17.31 -0.61 0.00	17.23 -0.72 0.00	17.27 -0.67 0.00	17.07 -0.62 0.00	18.28 -0.79 0.00	21.07 -0.97 0.00	21.08 -0.85 0.00	27.36 -1.30 0.00	43.20 -2.38 0.00	26.46 -1.41 0.00	19.19 -0.97 0.00	19.33 -0.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.79 0.82 0.00	22.72 0.66 0.00	20.54 0.58 0.00	20.35 0.51 0.00	20.00 0.51 0.00	19.48 0.55 0.00	20.31 0.62 0.00	20.38 0.67 0.00	20.10 0.63 0.00	20.48 0.62 0.00	20.28 0.69 0.00	19.03 0.67 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.60 0.66 0.00	18.40 0.72 0.00	19.86 0.79 0.00	23.16 1.12 0.00	23.28 1.35 0.00	30.07 1.41 0.00	46.95 1.38 0.00	28.91 1.05 0.00	20.88 0.73 0.00	20.72 0.54 0.00
BETHLEHEM___GRP 23843	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.09 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.77 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.94 0.26 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
BETHLEHEM___GS1 323560	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.08 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.76 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.95 0.27 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
BETHLEHEM___GS2 323561	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.08 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.76 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.95 0.27 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
BETHLEHEM___GS3 323562	23.16 0.18 0.00	22.23 0.17 0.00	20.15 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.08 0.16 0.00	19.88 0.20 0.00	19.89 0.18 0.00	19.65 0.19 0.00	20.08 0.23 0.00	19.76 0.17 0.00	18.53 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.95 0.27 0.00	19.31 0.24 0.00	22.42 0.38 0.00	22.42 0.49 0.00	29.14 0.48 0.00	45.95 0.37 0.00	28.06 0.20 0.00	20.33 0.18 0.00	20.32 0.15 0.00
BETHLEHEM___STEEL 23779	22.17 -0.81 0.00	21.33 -0.73 0.00	19.23 -0.74 0.00	19.03 -0.81 0.00	18.76 -0.73 0.00	18.14 -0.78 0.00	18.57 -1.11 0.00	18.46 -1.26 0.00	18.27 -1.20 0.00	18.80 -1.06 0.00	18.62 -0.97 0.00	17.64 -0.73 0.00	17.29 -0.62 0.00	17.14 -0.82 0.00	17.19 -0.75 0.00	17.03 -0.65 0.00	18.15 -0.91 0.00	20.81 -1.23 0.00	20.76 -1.17 0.00	26.82 -1.84 0.00	42.10 -3.48 0.00	25.83 -2.03 0.00	18.79 -1.36 0.00	18.98 -1.19 0.00
BETHLHEM_115KV_TB1 79974	23.16 0.19 0.00	22.24 0.17 0.00	20.16 0.19 0.00	20.05 0.21 0.00	19.69 0.20 0.00	19.09 0.16 0.00	19.88 0.20 0.00	19.90 0.19 0.00	19.66 0.19 0.00	20.08 0.23 0.00	19.78 0.18 0.00	18.54 0.17 0.00	18.10 0.19 0.00	18.22 0.26 0.00	18.21 0.26 0.00	17.94 0.26 0.00	19.32 0.25 0.00	22.43 0.39 0.00	22.44 0.51 0.00	29.15 0.49 0.00	45.99 0.41 0.00	28.08 0.22 0.00	20.34 0.18 0.00	20.33 0.15 0.00
BETHPAGE_CC_5 323564	23.81 0.83 0.00	22.82 0.76 0.00	20.61 0.64 0.00	20.41 0.57 0.00	20.07 0.57 0.00	19.50 0.58 0.00	20.33 0.65 0.00	20.36 0.65 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.06 0.69 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.63 0.69 0.00	18.45 0.77 0.00	19.89 0.82 0.00	23.25 1.21 0.00	23.41 1.48 0.00	30.28 1.62 0.00	47.08 1.50 0.00	28.89 1.03 0.00	20.99 0.84 0.00	20.86 0.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.30 -0.68 0.00	21.45 -0.61 0.00	19.34 -0.63 0.00	19.14 -0.71 0.00	18.86 -0.63 0.00	18.25 -0.68 0.00	18.69 -0.99 0.00	18.57 -1.14 0.00	18.38 -1.09 0.00	18.91 -0.94 0.00	18.75 -0.85 0.00	17.75 -0.61 0.00	17.40 -0.52 0.00	17.24 -0.71 0.00	17.30 -0.64 0.00	17.13 -0.55 0.00	18.27 -0.80 0.00	20.95 -1.09 0.00	20.90 -1.03 0.00	27.00 -1.66 0.00	42.39 -3.18 0.00	25.99 -1.87 0.00	18.92 -1.24 0.00	19.08 -1.09 0.00

BINGHAMTON___COGEN 23790	22.75 -0.22 0.00	21.85 -0.21 0.00	19.70 -0.27 0.00	19.59 -0.25 0.00	19.27 -0.22 0.00	18.72 -0.20 0.00	19.42 -0.26 0.00	19.50 -0.22 0.00	19.18 -0.29 0.00	19.59 -0.27 0.00	19.38 -0.22 0.00	18.19 -0.18 0.00	17.73 -0.18 0.00	17.75 -0.20 0.00	17.79 -0.15 0.00	17.59 -0.09 0.00	18.92 -0.15 0.00	21.94 -0.09 0.00	21.90 -0.03 0.00	28.55 -0.10 0.00	45.08 -0.49 0.00	27.55 -0.31 0.00	19.93 -0.22 0.00	19.90 -0.27 0.00
BIXINCNT_115KV_LOAD 355685	22.75 -0.23 0.00	21.90 -0.16 0.00	19.72 -0.25 0.00	19.52 -0.32 0.00	19.24 -0.25 0.00	18.61 -0.31 0.00	19.07 -0.61 0.00	19.00 -0.71 0.00	18.80 -0.67 0.00	19.36 -0.50 0.00	19.24 -0.35 0.00	18.20 -0.16 0.00	17.81 -0.11 0.00	17.66 -0.29 0.00	17.69 -0.25 0.00	17.51 -0.17 0.00	18.66 -0.41 0.00	21.43 -0.61 0.00	21.39 -0.54 0.00	27.52 -1.14 0.00	43.15 -2.42 0.00	26.38 -1.48 0.00	19.11 -1.05 0.00	19.09 -1.09 0.00
BLACK RIVER___HYD 24047	23.03 0.05 0.00	22.09 0.02 0.00	19.97 0.00 0.00	19.84 0.00 0.00	19.47 -0.02 0.00	18.94 0.02 0.00	19.68 0.00 0.00	19.79 0.08 0.00	19.59 0.12 0.00	20.00 0.15 0.00	19.71 0.12 0.00	18.46 0.09 0.00	17.98 0.06 0.00	17.90 -0.05 0.00	17.92 -0.02 0.00	17.77 0.09 0.00	19.24 0.17 0.00	22.30 0.26 0.00	22.29 0.37 0.00	29.16 0.50 0.00	46.17 0.60 0.00	28.11 0.25 0.00	20.25 0.09 0.00	20.20 0.02 0.00
BLACKRVR_115KV_TB2 79977	23.03 0.05 0.00	22.09 0.02 0.00	19.97 0.00 0.00	19.84 0.00 0.00	19.47 -0.02 0.00	18.94 0.02 0.00	19.68 0.01 0.00	19.79 0.08 0.00	19.59 0.13 0.00	20.00 0.15 0.00	19.71 0.12 0.00	18.46 0.09 0.00	17.98 0.06 0.00	17.90 -0.05 0.00	17.92 -0.02 0.00	17.77 0.09 0.00	19.24 0.17 0.00	22.30 0.26 0.00	22.29 0.37 0.00	29.16 0.50 0.00	46.17 0.60 0.00	28.11 0.25 0.00	20.25 0.09 0.00	20.20 0.02 0.00
BLISS_WT_PWR 323608	22.77 -0.20 0.00	21.91 -0.14 0.00	19.74 -0.23 0.00	19.54 -0.30 0.00	19.25 -0.24 0.00	18.63 -0.30 0.00	19.09 -0.59 0.00	19.02 -0.70 0.00	18.80 -0.66 0.00	19.38 -0.47 0.00	19.28 -0.31 0.00	18.23 -0.14 0.00	17.83 -0.09 0.00	17.68 -0.27 0.00	17.70 -0.24 0.00	17.52 -0.16 0.00	18.67 -0.40 0.00	21.46 -0.58 0.00	21.41 -0.52 0.00	27.52 -1.14 0.00	43.14 -2.44 0.00	26.34 -1.52 0.00	19.05 -1.11 0.00	18.99 -1.19 0.00
BLUESTONE___WT_PWR 323821	23.50 0.53 0.00	22.82 0.76 0.00	20.53 0.56 0.00	20.42 0.58 0.00	20.10 0.61 0.00	19.44 0.51 0.00	20.28 0.59 0.00	20.36 0.65 0.00	20.18 0.71 0.00	20.68 0.83 0.00	20.45 0.86 0.00	19.26 0.89 0.00	18.75 0.83 0.00	18.76 0.81 0.00	18.80 0.85 0.00	18.61 0.92 0.00	20.08 1.01 0.00	23.35 1.31 0.00	23.35 1.42 0.00	30.39 1.73 0.00	47.87 2.30 0.00	29.13 1.27 0.00	20.98 0.83 0.00	20.89 0.72 0.00
BLUE_CIRC_CHEM_DRP 24182	23.34 0.37 0.00	22.40 0.34 0.00	20.30 0.34 0.00	20.20 0.36 0.00	19.84 0.35 0.00	19.23 0.30 0.00	20.01 0.33 0.00	20.03 0.33 0.00	19.79 0.32 0.00	20.21 0.36 0.00	19.92 0.32 0.00	18.66 0.29 0.00	18.22 0.30 0.00	18.33 0.38 0.00	18.32 0.37 0.00	18.05 0.37 0.00	19.45 0.38 0.00	22.57 0.54 0.00	22.55 0.62 0.00	29.31 0.65 0.00	46.27 0.70 0.00	28.25 0.39 0.00	20.43 0.28 0.00	20.43 0.26 0.00
BOC_GAS_DRP 24189	23.16 0.18 0.00	22.22 0.15 0.00	20.12 0.16 0.00	20.02 0.18 0.00	19.66 0.17 0.00	19.07 0.14 0.00	19.85 0.17 0.00	19.89 0.18 0.00	19.64 0.17 0.00	20.04 0.19 0.00	19.76 0.17 0.00	18.52 0.16 0.00	18.07 0.16 0.00	18.17 0.22 0.00	18.16 0.22 0.00	17.91 0.23 0.00	19.30 0.23 0.00	22.40 0.37 0.00	22.40 0.48 0.00	29.13 0.47 0.00	45.97 0.39 0.00	28.08 0.22 0.00	20.32 0.17 0.00	20.30 0.12 0.00
BOONVILLE_115KV_TB1 79983	23.38 0.41 0.00	22.43 0.38 0.00	20.29 0.32 0.00	20.16 0.32 0.00	19.80 0.31 0.00	19.24 0.31 0.00	20.01 0.33 0.00	20.08 0.36 0.00	19.85 0.39 0.00	20.27 0.42 0.00	19.99 0.39 0.00	18.73 0.36 0.00	18.27 0.35 0.00	18.27 0.32 0.00	18.28 0.33 0.00	18.05 0.37 0.00	19.50 0.43 0.00	22.59 0.56 0.00	22.55 0.62 0.00	29.43 0.77 0.00	46.61 1.04 0.00	28.42 0.56 0.00	20.50 0.34 0.00	20.49 0.31 0.00
BORALEX_4TH_BRANCH 23824	23.21 0.23 0.00	22.29 0.23 0.00	20.23 0.27 0.00	20.13 0.30 0.00	19.76 0.27 0.00	19.16 0.23 0.00	20.01 0.32 0.00	20.07 0.36 0.00	19.79 0.33 0.00	20.21 0.36 0.00	19.82 0.23 0.00	18.53 0.16 0.00	18.14 0.22 0.00	18.27 0.32 0.00	18.28 0.33 0.00	17.96 0.28 0.00	19.41 0.34 0.00	22.50 0.46 0.00	22.54 0.61 0.00	29.32 0.65 0.00	46.36 0.78 0.00	28.23 0.36 0.00	20.35 0.20 0.00	20.29 0.11 0.00
BOWLINE___1 23526	23.49 0.51 0.00	22.51 0.45 0.00	20.34 0.38 0.00	20.16 0.32 0.00	19.83 0.33 0.00	19.29 0.37 0.00	20.11 0.44 0.00	20.18 0.47 0.00	19.88 0.41 0.00	20.25 0.40 0.00	20.03 0.44 0.00	18.80 0.43 0.00	18.29 0.38 0.00	18.41 0.45 0.00	18.39 0.44 0.00	18.18 0.49 0.00	19.62 0.56 0.00	22.89 0.86 0.00	22.97 1.04 0.00	29.74 1.08 0.00	46.61 1.04 0.00	28.56 0.70 0.00	20.65 0.50 0.00	20.51 0.33 0.00
BOWLINE___2 23595	23.49 0.51 0.00	22.51 0.45 0.00	20.34 0.38 0.00	20.16 0.32 0.00	19.83 0.33 0.00	19.29 0.37 0.00	20.11 0.44 0.00	20.18 0.47 0.00	19.88 0.41 0.00	20.25 0.40 0.00	20.03 0.44 0.00	18.80 0.43 0.00	18.29 0.38 0.00	18.41 0.45 0.00	18.39 0.44 0.00	18.18 0.49 0.00	19.62 0.56 0.00	22.89 0.86 0.00	22.97 1.04 0.00	29.74 1.08 0.00	46.61 1.04 0.00	28.56 0.70 0.00	20.65 0.50 0.00	20.51 0.33 0.00
BRADY___115KV_TB2 356060	24.06 1.08 0.00	23.14 1.08 0.00	20.95 0.99 0.00	20.82 0.98 0.00	20.40 0.91 0.00	19.85 0.93 0.00	20.65 0.97 0.00	20.64 0.94 0.00	20.48 1.01 0.00	20.93 1.07 0.00	20.60 1.00 0.00	19.23 0.86 0.00	18.73 0.81 0.00	18.66 0.71 0.00	18.63 0.69 0.00	18.35 0.67 0.00	19.81 0.74 0.00	22.61 0.58 0.00	22.34 0.41 0.00	29.36 0.70 0.00	47.02 1.44 0.00	28.78 0.92 0.00	20.88 0.72 0.00	20.90 0.72 0.00
BRANSCOMB___SOLAR 323811	23.43 0.45 0.00	22.43 0.37 0.00	20.32 0.36 0.00	20.22 0.38 0.00	19.86 0.37 0.00	19.27 0.35 0.00	20.10 0.43 0.00	20.16 0.45 0.00	19.96 0.49 0.00	20.39 0.54 0.00	20.06 0.47 0.00	18.76 0.40 0.00	18.30 0.38 0.00	18.40 0.44 0.00	18.42 0.48 0.00	18.17 0.49 0.00	19.62 0.55 0.00	22.88 0.84 0.00	22.88 0.95 0.00	29.71 1.05 0.00	46.77 1.20 0.00	28.47 0.61 0.00	20.52 0.36 0.00	20.47 0.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.88 0.90 0.00	22.90 0.84 0.00	20.68 0.72 0.00	20.48 0.64 0.00	20.13 0.64 0.00	19.55 0.63 0.00	20.38 0.69 0.00	20.40 0.68 0.00	20.12 0.65 0.00	20.49 0.63 0.00	20.35 0.76 0.00	19.12 0.75 0.00	18.60 0.68 0.00	18.72 0.77 0.00	18.67 0.73 0.00	18.50 0.82 0.00	19.98 0.91 0.00	23.37 1.33 0.00	23.55 1.62 0.00	30.47 1.81 0.00	47.29 1.72 0.00	29.00 1.14 0.00	21.06 0.91 0.00	20.95 0.78 0.00

BRISTLHL_115KV_TB1 79998	22.20 -0.78 0.00	21.30 -0.76 0.00	19.27 -0.70 0.00	19.14 -0.71 0.00	18.83 -0.67 0.00	18.29 -0.64 0.00	18.98 -0.69 0.00	19.01 -0.70 0.00	18.74 -0.73 0.00	19.08 -0.77 0.00	18.85 -0.74 0.00	17.72 -0.65 0.00	17.29 -0.62 0.00	17.31 -0.64 0.00	17.32 -0.63 0.00	17.08 -0.60 0.00	18.39 -0.68 0.00	21.30 -0.74 0.00	21.30 -0.63 0.00	27.89 -0.77 0.00	44.38 -1.20 0.00	27.10 -0.76 0.00	19.61 -0.55 0.00	19.71 -0.47 0.00
BROOKHAVEN___DRP 24191	23.64 0.66 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.30 0.46 0.00	19.96 0.47 0.00	19.38 0.45 0.00	20.17 0.49 0.00	20.21 0.50 0.00	19.97 0.50 0.00	20.36 0.50 0.00	20.22 0.62 0.00	19.01 0.64 0.00	18.50 0.59 0.00	18.62 0.67 0.00	18.53 0.59 0.00	18.36 0.67 0.00	19.82 0.75 0.00	23.18 1.14 0.00	23.37 1.44 0.00	30.24 1.58 0.00	46.93 1.36 0.00	28.76 0.90 0.00	20.88 0.73 0.00	20.79 0.62 0.00
BROOKLYN_NAVY_YARD 23515	23.49 0.51 0.00	22.53 0.47 0.00	20.38 0.42 0.00	20.20 0.36 0.00	19.86 0.37 0.00	19.34 0.41 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.34 0.42 0.00	18.47 0.52 0.00	18.44 0.50 0.00	18.25 0.56 0.00	19.69 0.62 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.50 0.92 0.00	28.53 0.67 0.00	20.61 0.47 0.00	20.45 0.28 0.00
BROOKLYN___ARMY_DRP 323595	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
BROOKVLE_69_KV_TB1 55790	23.94 0.97 0.00	22.94 0.88 0.00	20.71 0.74 0.00	20.52 0.68 0.00	20.17 0.68 0.00	19.61 0.69 0.00	20.43 0.75 0.00	20.47 0.76 0.00	20.18 0.71 0.00	20.55 0.70 0.00	20.40 0.80 0.00	19.16 0.80 0.00	18.65 0.73 0.00	18.77 0.81 0.00	18.75 0.81 0.00	18.56 0.87 0.00	20.04 0.97 0.00	23.41 1.37 0.00	23.55 1.62 0.00	30.47 1.81 0.00	47.43 1.85 0.00	29.08 1.22 0.00	21.09 0.94 0.00	20.95 0.78 0.00
BROOME_2_LFGE 323671	22.75 -0.22 0.00	21.85 -0.21 0.00	19.70 -0.27 0.00	19.59 -0.25 0.00	19.27 -0.22 0.00	18.72 -0.20 0.00	19.42 -0.26 0.00	19.50 -0.22 0.00	19.18 -0.29 0.00	19.59 -0.27 0.00	19.38 -0.22 0.00	18.19 -0.18 0.00	17.74 -0.18 0.00	17.75 -0.20 0.00	17.79 -0.15 0.00	17.59 -0.09 0.00	18.92 -0.15 0.00	21.94 -0.09 0.00	21.90 -0.03 0.00	28.56 -0.10 0.00	45.09 -0.49 0.00	27.55 -0.31 0.00	19.93 -0.22 0.00	19.90 -0.27 0.00
BROOME___LFGE 323600	22.75 -0.22 0.00	21.85 -0.21 0.00	19.70 -0.27 0.00	19.59 -0.25 0.00	19.27 -0.22 0.00	18.72 -0.20 0.00	19.42 -0.26 0.00	19.50 -0.22 0.00	19.18 -0.29 0.00	19.59 -0.27 0.00	19.38 -0.22 0.00	18.19 -0.18 0.00	17.74 -0.18 0.00	17.75 -0.20 0.00	17.79 -0.15 0.00	17.59 -0.09 0.00	18.92 -0.15 0.00	21.94 -0.09 0.00	21.90 -0.03 0.00	28.56 -0.10 0.00	45.09 -0.49 0.00	27.55 -0.31 0.00	19.93 -0.22 0.00	19.90 -0.27 0.00
BROWNFLS_115KV_TB 3_5 80003	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.45 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.57 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.39 0.00	46.31 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00
BROWNSV1_27_KV_LOAD 356125	23.72 0.74 0.00	22.73 0.67 0.00	20.55 0.59 0.00	20.37 0.53 0.00	20.03 0.54 0.00	19.50 0.57 0.00	20.32 0.64 0.00	20.39 0.68 0.00	20.11 0.64 0.00	20.50 0.64 0.00	20.29 0.69 0.00	19.05 0.68 0.00	18.53 0.61 0.00	18.64 0.69 0.00	18.61 0.67 0.00	18.41 0.73 0.00	19.87 0.80 0.00	23.17 1.13 0.00	23.28 1.35 0.00	30.09 1.42 0.00	46.98 1.40 0.00	28.82 0.96 0.00	20.83 0.67 0.00	20.66 0.48 0.00
BURROWS___LYONSDAL 23803	23.36 0.39 0.00	22.41 0.36 0.00	20.27 0.30 0.00	20.14 0.30 0.00	19.77 0.28 0.00	19.22 0.29 0.00	19.99 0.31 0.00	20.06 0.35 0.00	19.85 0.38 0.00	20.26 0.41 0.00	19.98 0.38 0.00	18.71 0.34 0.00	18.25 0.33 0.00	18.24 0.28 0.00	18.24 0.30 0.00	18.02 0.34 0.00	19.47 0.41 0.00	22.56 0.52 0.00	22.51 0.58 0.00	29.40 0.74 0.00	46.57 0.99 0.00	28.39 0.53 0.00	20.46 0.31 0.00	20.44 0.27 0.00
CAITHNESS_CC_1 323624	23.62 0.64 0.00	22.69 0.63 0.00	20.48 0.51 0.00	20.28 0.44 0.00	19.94 0.45 0.00	19.36 0.44 0.00	20.17 0.48 0.00	20.20 0.49 0.00	19.95 0.49 0.00	20.34 0.48 0.00	20.19 0.60 0.00	18.99 0.63 0.00	18.48 0.57 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.35 0.67 0.00	19.80 0.74 0.00	23.15 1.11 0.00	23.34 1.41 0.00	30.19 1.53 0.00	46.88 1.30 0.00	28.74 0.88 0.00	20.86 0.71 0.00	20.77 0.60 0.00
CALPINE BETH_PAGE_GT4 24209	23.82 0.85 0.00	22.82 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.07 0.58 0.00	19.51 0.58 0.00	20.33 0.65 0.00	20.37 0.65 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.55 0.63 0.00	18.67 0.71 0.00	18.65 0.70 0.00	18.46 0.77 0.00	19.87 0.80 0.00	23.23 1.19 0.00	23.38 1.45 0.00	30.25 1.59 0.00	47.03 1.45 0.00	28.86 1.01 0.00	21.00 0.85 0.00	20.87 0.69 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.82 0.85 0.00	22.82 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.08 0.58 0.00	19.51 0.58 0.00	20.34 0.65 0.00	20.37 0.65 0.00	20.08 0.61 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.55 0.63 0.00	18.67 0.71 0.00	18.65 0.70 0.00	18.46 0.78 0.00	19.87 0.80 0.00	23.23 1.19 0.00	23.38 1.45 0.00	30.25 1.59 0.00	47.03 1.45 0.00	28.86 1.00 0.00	21.00 0.85 0.00	20.87 0.69 0.00
CALPINE_BP_GT1 23823	23.82 0.85 0.00	22.82 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.08 0.58 0.00	19.51 0.58 0.00	20.34 0.65 0.00	20.37 0.65 0.00	20.08 0.61 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.55 0.63 0.00	18.67 0.71 0.00	18.65 0.70 0.00	18.46 0.78 0.00	19.87 0.80 0.00	23.23 1.19 0.00	23.38 1.45 0.00	30.25 1.59 0.00	47.03 1.45 0.00	28.86 1.00 0.00	21.00 0.85 0.00	20.87 0.69 0.00
CALSPAN___DRP 24200	22.17 -0.81 0.00	21.33 -0.73 0.00	19.23 -0.74 0.00	19.03 -0.81 0.00	18.76 -0.73 0.00	18.14 -0.78 0.00	18.57 -1.11 0.00	18.46 -1.26 0.00	18.27 -1.20 0.00	18.80 -1.06 0.00	18.62 -0.97 0.00	17.64 -0.73 0.00	17.29 -0.62 0.00	17.14 -0.82 0.00	17.19 -0.75 0.00	17.03 -0.65 0.00	18.15 -0.91 0.00	20.81 -1.23 0.00	20.76 -1.17 0.00	26.82 -1.84 0.00	42.10 -3.48 0.00	25.83 -2.03 0.00	18.79 -1.36 0.00	18.98 -1.19 0.00

CALVERTON___SOLAR 323806	23.68 0.70 0.00	22.75 0.69 0.00	20.54 0.57 0.00	20.33 0.49 0.00	20.00 0.50 0.00	19.40 0.48 0.00	20.21 0.53 0.00	20.24 0.53 0.00	20.01 0.54 0.00	20.40 0.54 0.00	20.24 0.64 0.00	19.03 0.67 0.00	18.52 0.61 0.00	18.65 0.69 0.00	18.55 0.61 0.00	18.39 0.70 0.00	19.84 0.78 0.00	23.22 1.18 0.00	23.42 1.50 0.00	30.30 1.64 0.00	47.03 1.45 0.00	28.81 0.96 0.00	20.91 0.76 0.00	20.83 0.65 0.00
CANDIGU_WT_PWR 323617	22.84 -0.14 0.00	21.93 -0.13 0.00	19.71 -0.26 0.00	19.61 -0.23 0.00	19.31 -0.18 0.00	18.79 -0.13 0.00	19.47 -0.21 0.00	19.60 -0.11 0.00	19.22 -0.25 0.00	19.67 -0.19 0.00	19.48 -0.12 0.00	18.24 -0.13 0.00	17.75 -0.17 0.00	17.74 -0.21 0.00	17.81 -0.13 0.00	17.65 -0.03 0.00	19.00 -0.07 0.00	22.05 0.01 0.00	21.99 0.06 0.00	28.62 -0.04 0.00	44.81 -0.76 0.00	27.31 -0.55 0.00	19.62 -0.53 0.00	19.35 -0.83 0.00
CARR STREET_E_SYR 24060	22.38 -0.59 0.00	21.48 -0.58 0.00	19.42 -0.54 0.00	19.29 -0.55 0.00	18.98 -0.51 0.00	18.43 -0.49 0.00	19.13 -0.56 0.00	19.16 -0.55 0.00	18.89 -0.58 0.00	19.24 -0.61 0.00	19.02 -0.58 0.00	17.88 -0.48 0.00	17.46 -0.46 0.00	17.47 -0.48 0.00	17.48 -0.46 0.00	17.24 -0.45 0.00	18.55 -0.51 0.00	21.49 -0.55 0.00	21.49 -0.44 0.00	28.10 -0.56 0.00	44.68 -0.90 0.00	27.27 -0.58 0.00	19.74 -0.41 0.00	19.83 -0.35 0.00
CARTHAGE___PAPER 23857	23.35 0.38 0.00	22.41 0.35 0.00	20.27 0.31 0.00	20.14 0.30 0.00	19.76 0.27 0.00	19.22 0.29 0.00	19.99 0.31 0.00	20.08 0.37 0.00	19.89 0.42 0.00	20.32 0.46 0.00	20.02 0.43 0.00	18.72 0.36 0.00	18.25 0.34 0.00	18.19 0.23 0.00	18.19 0.25 0.00	18.00 0.32 0.00	19.50 0.43 0.00	22.55 0.52 0.00	22.50 0.57 0.00	29.44 0.78 0.00	46.65 1.08 0.00	28.41 0.55 0.00	20.47 0.32 0.00	20.42 0.25 0.00
CASSADAGA_WT_PWR 323784	22.82 -0.16 0.00	21.94 -0.12 0.00	19.72 -0.24 0.00	19.54 -0.30 0.00	19.26 -0.23 0.00	18.67 -0.25 0.00	19.16 -0.52 0.00	19.14 -0.57 0.00	18.86 -0.60 0.00	19.44 -0.42 0.00	19.29 -0.30 0.00	18.20 -0.16 0.00	17.79 -0.13 0.00	17.58 -0.37 0.00	17.71 -0.24 0.00	17.51 -0.18 0.00	18.70 -0.37 0.00	21.50 -0.53 0.00	21.36 -0.56 0.00	27.63 -1.03 0.00	42.93 -2.65 0.00	25.83 -2.03 0.00	18.70 -1.45 0.00	19.09 -1.09 0.00
CE_DUNWOOD___DRP 24194	23.53 0.55 0.00	22.54 0.49 0.00	20.38 0.41 0.00	20.20 0.37 0.00	19.86 0.37 0.00	19.33 0.40 0.00	20.15 0.47 0.00	20.21 0.50 0.00	19.92 0.46 0.00	20.30 0.45 0.00	20.08 0.49 0.00	18.85 0.48 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.23 0.55 0.00	19.68 0.61 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.82 1.16 0.00	46.68 1.11 0.00	28.60 0.74 0.00	20.68 0.52 0.00	20.54 0.37 0.00
CE_MILLWOOD___DRP 24193	23.51 0.54 0.00	22.53 0.47 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.85 0.36 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.20 0.49 0.00	19.91 0.44 0.00	20.28 0.43 0.00	20.06 0.47 0.00	18.83 0.46 0.00	18.32 0.40 0.00	18.44 0.49 0.00	18.42 0.48 0.00	18.21 0.53 0.00	19.66 0.59 0.00	22.93 0.89 0.00	23.02 1.09 0.00	29.80 1.13 0.00	46.65 1.07 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.53 0.35 0.00
CE_NYC2_DRP 24202	23.53 0.55 0.00	22.53 0.47 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.86 0.37 0.00	19.33 0.41 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.32 0.47 0.00	20.12 0.53 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.45 0.51 0.00	18.25 0.57 0.00	19.69 0.62 0.00	22.95 0.92 0.00	23.06 1.13 0.00	29.80 1.14 0.00	46.54 0.96 0.00	28.59 0.73 0.00	20.66 0.50 0.00	20.50 0.32 0.00
CE_NYC_DRP 24195	23.50 0.52 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.20 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.48 0.00	20.12 0.52 0.00	18.88 0.52 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.81 1.14 0.00	46.54 0.96 0.00	28.56 0.70 0.00	20.64 0.49 0.00	20.49 0.31 0.00
CHAFFEE___LFGE 323603	22.24 -0.74 0.00	21.40 -0.66 0.00	19.29 -0.68 0.00	19.09 -0.75 0.00	18.81 -0.68 0.00	18.20 -0.72 0.00	18.64 -1.04 0.00	18.53 -1.18 0.00	18.33 -1.14 0.00	18.88 -0.97 0.00	18.72 -0.87 0.00	17.71 -0.65 0.00	17.36 -0.55 0.00	17.21 -0.75 0.00	17.26 -0.68 0.00	17.09 -0.59 0.00	18.22 -0.85 0.00	20.90 -1.14 0.00	20.87 -1.06 0.00	26.96 -1.70 0.00	42.32 -3.26 0.00	25.95 -1.91 0.00	18.89 -1.27 0.00	19.07 -1.11 0.00
CHATEAUG_35_KV_LOAD 355732	24.28 1.30 0.00	23.36 1.30 0.00	21.18 1.22 0.00	21.05 1.21 0.00	20.61 1.11 0.00	19.98 1.05 0.00	20.78 1.10 0.00	20.79 1.08 0.00	20.60 1.13 0.00	21.04 1.19 0.00	20.72 1.13 0.00	19.34 0.97 0.00	18.83 0.92 0.00	18.82 0.86 0.00	18.74 0.79 0.00	18.44 0.76 0.00	19.96 0.89 0.00	22.89 0.85 0.00	22.47 0.54 0.00	29.56 0.90 0.00	47.26 1.69 0.00	28.94 1.08 0.00	21.05 0.90 0.00	21.06 0.88 0.00
CHATEAUG_WT_PWR 323614	24.21 1.23 0.00	23.29 1.23 0.00	21.12 1.16 0.00	20.99 1.15 0.00	20.56 1.06 0.00	19.92 0.99 0.00	20.71 1.03 0.00	20.71 1.01 0.00	20.52 1.06 0.00	20.96 1.11 0.00	20.63 1.04 0.00	19.28 0.91 0.00	18.76 0.85 0.00	18.76 0.80 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.91 0.84 0.00	22.83 0.79 0.00	22.40 0.47 0.00	29.47 0.81 0.00	47.11 1.53 0.00	28.83 0.97 0.00	21.01 0.85 0.00	21.01 0.84 0.00
CHAT_HIGH_FALL_HYD 323578	24.28 1.30 0.00	23.36 1.30 0.00	21.18 1.22 0.00	21.05 1.21 0.00	20.61 1.11 0.00	19.98 1.05 0.00	20.78 1.10 0.00	20.79 1.08 0.00	20.60 1.13 0.00	21.04 1.19 0.00	20.72 1.13 0.00	19.34 0.97 0.00	18.83 0.92 0.00	18.82 0.86 0.00	18.74 0.79 0.00	18.44 0.76 0.00	19.96 0.89 0.00	22.89 0.85 0.00	22.47 0.54 0.00	29.56 0.90 0.00	47.26 1.69 0.00	28.94 1.08 0.00	21.05 0.90 0.00	21.06 0.88 0.00
CHAUTAUQUA___LFGE 323629	22.43 -0.54 0.00	21.57 -0.49 0.00	19.38 -0.58 0.00	19.22 -0.62 0.00	18.94 -0.55 0.00	18.37 -0.56 0.00	18.84 -0.84 0.00	18.82 -0.89 0.00	18.53 -0.93 0.00	19.08 -0.77 0.00	18.91 -0.68 0.00	17.84 -0.53 0.00	17.44 -0.47 0.00	17.27 -0.68 0.00	17.39 -0.56 0.00	17.21 -0.47 0.00	18.38 -0.69 0.00	21.15 -0.89 0.00	21.03 -0.89 0.00	27.24 -1.42 0.00	42.49 -3.08 0.00	25.81 -2.05 0.00	18.73 -1.42 0.00	18.91 -1.27 0.00
CHERRYST_13_KV_LD 356241	23.56 0.58 0.00	22.59 0.53 0.00	20.43 0.46 0.00	20.25 0.41 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.21 0.53 0.00	20.29 0.57 0.00	20.00 0.53 0.00	20.38 0.53 0.00	20.17 0.57 0.00	18.93 0.57 0.00	18.41 0.49 0.00	18.53 0.58 0.00	18.50 0.56 0.00	18.30 0.62 0.00	19.75 0.68 0.00	23.03 0.99 0.00	23.13 1.20 0.00	29.88 1.22 0.00	46.64 1.06 0.00	28.63 0.77 0.00	20.69 0.54 0.00	20.53 0.35 0.00

CHESTROR_138KV_BK263 355645	23.40 0.43 0.00	22.43 0.38 0.00	20.28 0.31 0.00	20.11 0.27 0.00	19.77 0.28 0.00	19.23 0.31 0.00	20.04 0.36 0.00	20.10 0.39 0.00	19.80 0.33 0.00	20.17 0.32 0.00	19.93 0.34 0.00	18.70 0.34 0.00	18.20 0.28 0.00	18.31 0.36 0.00	18.29 0.35 0.00	18.08 0.39 0.00	19.53 0.46 0.00	22.78 0.74 0.00	22.84 0.90 0.00	29.61 0.95 0.00	46.49 0.91 0.00	28.45 0.59 0.00	20.57 0.42 0.00	20.45 0.28 0.00
CH_MIDHUDSON___DRP 24192	23.50 0.52 0.00	22.52 0.46 0.00	20.36 0.40 0.00	20.21 0.37 0.00	19.86 0.37 0.00	19.31 0.39 0.00	20.12 0.45 0.00	20.19 0.48 0.00	19.91 0.45 0.00	20.30 0.44 0.00	20.06 0.46 0.00	18.81 0.45 0.00	18.29 0.37 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.51 0.00	19.65 0.58 0.00	22.91 0.88 0.00	23.00 1.07 0.00	29.81 1.14 0.00	46.73 1.15 0.00	28.59 0.73 0.00	20.66 0.51 0.00	20.55 0.37 0.00
CH_MISC_IPPS 23765	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.02 0.55 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.49 0.55 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.06 1.02 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.45 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.48 0.00
CH_RES_BVR_FALLS 23983	23.25 0.27 0.00	22.34 0.28 0.00	20.23 0.27 0.00	20.11 0.27 0.00	19.72 0.23 0.00	19.16 0.23 0.00	19.93 0.25 0.00	19.94 0.23 0.00	19.73 0.27 0.00	20.15 0.30 0.00	19.87 0.28 0.00	18.58 0.21 0.00	18.13 0.22 0.00	18.13 0.17 0.00	18.09 0.15 0.00	17.82 0.14 0.00	19.23 0.16 0.00	22.12 0.08 0.00	21.90 -0.02 0.00	28.68 0.02 0.00	45.79 0.21 0.00	27.97 0.12 0.00	20.21 0.06 0.00	20.27 0.10 0.00
CH_RES_NIAGARA 23895	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.38 0.00	18.39 -1.45 0.00	18.12 -1.37 0.00	17.50 -1.42 0.00	17.89 -1.79 0.00	17.70 -2.01 0.00	17.56 -1.91 0.00	18.09 -1.77 0.00	17.84 -1.75 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.40 0.00	17.34 -1.73 0.00	19.84 -2.19 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.13 -5.45 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
CH_RES_SYRACUSE 23985	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.67 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
CLINTON_WT_PWR 323605	24.21 1.23 0.00	23.29 1.23 0.00	21.12 1.16 0.00	20.99 1.15 0.00	20.56 1.06 0.00	19.92 0.99 0.00	20.71 1.03 0.00	20.71 1.01 0.00	20.52 1.06 0.00	20.96 1.11 0.00	20.63 1.04 0.00	19.28 0.91 0.00	18.76 0.85 0.00	18.76 0.80 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.91 0.84 0.00	22.83 0.79 0.00	22.40 0.47 0.00	29.47 0.81 0.00	47.11 1.53 0.00	28.83 0.97 0.00	21.01 0.85 0.00	21.01 0.84 0.00
CLINTON___LFGE 323618	24.54 1.57 0.00	23.61 1.55 0.00	21.42 1.45 0.00	21.28 1.44 0.00	20.82 1.34 0.00	20.16 1.24 0.00	20.97 1.29 0.00	20.99 1.28 0.00	20.78 1.32 0.00	21.24 1.38 0.00	20.91 1.32 0.00	19.53 1.17 0.00	19.01 1.09 0.00	19.00 1.05 0.00	18.91 0.96 0.00	18.61 0.93 0.00	20.17 1.10 0.00	23.15 1.11 0.00	22.70 0.77 0.00	29.87 1.21 0.00	47.70 2.13 0.00	29.17 1.31 0.00	21.28 1.13 0.00	21.28 1.11 0.00
COBBLENY_34_KV_TB1 80064	22.24 -0.74 0.00	21.40 -0.66 0.00	19.29 -0.68 0.00	19.09 -0.75 0.00	18.81 -0.68 0.00	18.20 -0.73 0.00	18.64 -1.04 0.00	18.53 -1.18 0.00	18.35 -1.12 0.00	18.88 -0.97 0.00	18.71 -0.89 0.00	17.72 -0.65 0.00	17.36 -0.55 0.00	17.21 -0.75 0.00	17.26 -0.68 0.00	17.10 -0.59 0.00	18.22 -0.85 0.00	20.89 -1.14 0.00	20.87 -1.06 0.00	26.96 -1.70 0.00	42.32 -3.26 0.00	25.96 -1.90 0.00	18.89 -1.26 0.00	19.07 -1.11 0.00
COFFEEN___115KV_TB3 355620	23.08 0.10 0.00	22.13 0.07 0.00	20.01 0.04 0.00	19.87 0.03 0.00	19.51 0.02 0.00	18.98 0.06 0.00	19.74 0.06 0.00	19.84 0.13 0.00	19.64 0.17 0.00	20.06 0.21 0.00	19.76 0.17 0.00	18.50 0.14 0.00	18.02 0.10 0.00	17.91 -0.04 0.00	17.94 0.00 0.00	17.82 0.14 0.00	19.31 0.23 0.00	22.40 0.36 0.00	22.41 0.48 0.00	29.31 0.65 0.00	46.39 0.82 0.00	28.21 0.36 0.00	20.32 0.17 0.00	20.26 0.09 0.00
COLDSPRG_115KV_BK1 355956	23.13 0.15 0.00	22.24 0.18 0.00	19.99 0.03 0.00	19.80 -0.04 0.00	19.53 0.04 0.00	18.90 -0.02 0.00	19.39 -0.29 0.00	19.36 -0.35 0.00	19.11 -0.36 0.00	19.70 -0.16 0.00	19.60 0.01 0.00	18.51 0.15 0.00	18.09 0.17 0.00	17.94 -0.02 0.00	18.02 0.08 0.00	17.81 0.13 0.00	18.99 -0.08 0.00	21.82 -0.21 0.00	21.72 -0.21 0.00	28.09 -0.57 0.00	43.93 -1.65 0.00	26.72 -1.14 0.00	19.43 -0.72 0.00	19.61 -0.56 0.00
COLONIE_LFGE___ 323577	23.23 0.25 0.00	22.27 0.21 0.00	20.18 0.22 0.00	20.08 0.24 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.75 0.28 0.00	20.17 0.31 0.00	19.84 0.25 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.26 0.30 0.00	18.26 0.31 0.00	17.99 0.30 0.00	19.40 0.33 0.00	22.54 0.51 0.00	22.56 0.63 0.00	29.32 0.66 0.00	46.26 0.68 0.00	28.19 0.33 0.00	20.36 0.20 0.00	20.33 0.15 0.00
COOPERNY_115KV_TB1 80082	23.26 0.28 0.00	22.31 0.26 0.00	20.17 0.20 0.00	20.01 0.17 0.00	19.68 0.19 0.00	19.13 0.21 0.00	19.92 0.24 0.00	19.98 0.27 0.00	19.69 0.22 0.00	20.06 0.20 0.00	19.82 0.23 0.00	18.59 0.23 0.00	18.10 0.18 0.00	18.19 0.23 0.00	18.17 0.23 0.00	17.95 0.27 0.00	19.38 0.31 0.00	22.56 0.52 0.00	22.59 0.66 0.00	29.33 0.67 0.00	46.17 0.59 0.00	28.26 0.40 0.00	20.43 0.28 0.00	20.35 0.17 0.00
COPENHAGEN_WT_PWR 323753	22.94 -0.04 0.00	22.01 -0.05 0.00	19.90 -0.07 0.00	19.76 -0.08 0.00	19.40 -0.09 0.00	18.86 -0.06 0.00	19.60 -0.08 0.00	19.70 -0.01 0.00	19.51 0.04 0.00	19.91 0.06 0.00	19.63 0.03 0.00	18.39 0.02 0.00	17.91 0.00 0.00	17.84 -0.11 0.00	17.86 -0.08 0.00	17.70 0.02 0.00	19.16 0.09 0.00	22.20 0.16 0.00	22.20 0.27 0.00	29.02 0.36 0.00	45.94 0.36 0.00	27.98 0.12 0.00	20.17 0.02 0.00	20.13 -0.04 0.00
CORNELL_____ 23752	23.10 0.12 0.00	22.17 0.11 0.00	19.99 0.03 0.00	19.87 0.03 0.00	19.54 0.05 0.00	18.99 0.07 0.00	19.73 0.05 0.00	19.82 0.11 0.00	19.52 0.06 0.00	19.89 0.04 0.00	19.67 0.08 0.00	18.48 0.11 0.00	18.00 0.08 0.00	18.00 0.05 0.00	18.04 0.10 0.00	17.85 0.17 0.00	19.23 0.16 0.00	22.32 0.29 0.00	22.32 0.39 0.00	29.12 0.46 0.00	46.07 0.49 0.00	28.11 0.25 0.00	20.29 0.14 0.00	20.29 0.11 0.00

CORONA_69_KV_TB1 355595	23.83 0.85 0.00	22.82 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.07 0.58 0.00	19.52 0.59 0.00	20.33 0.65 0.00	20.36 0.65 0.00	20.06 0.59 0.00	20.44 0.58 0.00	20.30 0.70 0.00	19.06 0.70 0.00	18.56 0.64 0.00	18.68 0.73 0.00	18.66 0.71 0.00	18.46 0.78 0.00	19.93 0.86 0.00	23.27 1.23 0.00	23.40 1.47 0.00	30.28 1.62 0.00	47.06 1.48 0.00	28.92 1.06 0.00	20.98 0.83 0.00	20.85 0.67 0.00
CORTLAND_115KV_TB3 80093	22.91 -0.07 0.00	21.99 -0.07 0.00	19.85 -0.12 0.00	19.72 -0.12 0.00	19.40 -0.09 0.00	18.85 -0.08 0.00	19.58 -0.10 0.00	19.65 -0.07 0.00	19.35 -0.11 0.00	19.73 -0.12 0.00	19.51 -0.09 0.00	18.32 -0.04 0.00	17.86 -0.05 0.00	17.88 -0.07 0.00	17.91 -0.04 0.00	17.70 0.02 0.00	19.07 0.00 0.00	22.12 0.08 0.00	22.10 0.17 0.00	28.85 0.18 0.00	45.67 0.09 0.00	27.87 0.01 0.00	20.14 -0.02 0.00	20.14 -0.03 0.00
COXSACKIE___GT 23611	24.36 1.39 0.00	23.35 1.29 0.00	21.17 1.21 0.00	21.04 1.20 0.00	20.65 1.16 0.00	20.02 1.09 0.00	20.87 1.19 0.00	20.89 1.18 0.00	20.60 1.14 0.00	21.01 1.16 0.00	20.63 1.04 0.00	19.32 0.95 0.00	18.88 0.96 0.00	19.06 1.11 0.00	19.04 1.10 0.00	18.81 1.13 0.00	20.39 1.32 0.00	23.83 1.79 0.00	23.84 1.92 0.00	30.90 2.24 0.00	48.66 3.08 0.00	29.59 1.73 0.00	21.34 1.19 0.00	21.31 1.13 0.00
CPV_VALLEY___CC1 323721	23.25 0.27 0.00	22.30 0.24 0.00	20.16 0.19 0.00	19.99 0.15 0.00	19.66 0.17 0.00	19.12 0.19 0.00	19.92 0.24 0.00	19.98 0.27 0.00	19.69 0.23 0.00	20.06 0.21 0.00	19.83 0.23 0.00	18.60 0.24 0.00	18.11 0.19 0.00	18.21 0.26 0.00	18.20 0.25 0.00	17.98 0.30 0.00	19.41 0.34 0.00	22.61 0.57 0.00	22.66 0.73 0.00	29.38 0.72 0.00	46.17 0.59 0.00	28.26 0.40 0.00	20.44 0.28 0.00	20.33 0.16 0.00
CPV_VALLEY___CC2 323722	23.25 0.27 0.00	22.30 0.24 0.00	20.16 0.19 0.00	19.99 0.15 0.00	19.66 0.17 0.00	19.12 0.19 0.00	19.92 0.24 0.00	19.98 0.27 0.00	19.69 0.23 0.00	20.06 0.21 0.00	19.83 0.23 0.00	18.60 0.24 0.00	18.11 0.19 0.00	18.21 0.26 0.00	18.20 0.25 0.00	17.98 0.30 0.00	19.41 0.34 0.00	22.61 0.57 0.00	22.66 0.73 0.00	29.38 0.72 0.00	46.17 0.59 0.00	28.26 0.40 0.00	20.44 0.28 0.00	20.33 0.16 0.00
CRESCENT___HYD 24018	23.23 0.25 0.00	22.27 0.21 0.00	20.18 0.22 0.00	20.08 0.24 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.75 0.28 0.00	20.17 0.31 0.00	19.84 0.25 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.26 0.30 0.00	18.26 0.31 0.00	17.99 0.30 0.00	19.40 0.33 0.00	22.54 0.51 0.00	22.56 0.63 0.00	29.32 0.66 0.00	46.26 0.68 0.00	28.19 0.33 0.00	20.36 0.20 0.00	20.33 0.15 0.00
CRICKET___VALLEY_CC1 323756	23.25 0.27 0.00	22.27 0.21 0.00	20.16 0.19 0.00	20.02 0.18 0.00	19.66 0.17 0.00	19.11 0.19 0.00	19.93 0.25 0.00	20.00 0.29 0.00	19.74 0.28 0.00	20.14 0.28 0.00	19.90 0.31 0.00	18.66 0.29 0.00	18.13 0.21 0.00	18.28 0.32 0.00	18.26 0.32 0.00	18.05 0.37 0.00	19.47 0.40 0.00	22.70 0.66 0.00	22.78 0.85 0.00	29.52 0.86 0.00	46.29 0.72 0.00	28.30 0.44 0.00	20.44 0.29 0.00	20.34 0.17 0.00
CRICKET___VALLEY_CC2 323757	23.25 0.27 0.00	22.27 0.21 0.00	20.16 0.19 0.00	20.02 0.18 0.00	19.66 0.17 0.00	19.11 0.19 0.00	19.93 0.25 0.00	20.00 0.29 0.00	19.74 0.28 0.00	20.14 0.28 0.00	19.90 0.31 0.00	18.66 0.29 0.00	18.13 0.21 0.00	18.28 0.32 0.00	18.26 0.32 0.00	18.05 0.37 0.00	19.47 0.40 0.00	22.70 0.66 0.00	22.78 0.85 0.00	29.52 0.86 0.00	46.29 0.72 0.00	28.30 0.44 0.00	20.44 0.29 0.00	20.34 0.17 0.00
CRICKET___VALLEY_CC3 323758	23.25 0.27 0.00	22.27 0.21 0.00	20.16 0.19 0.00	20.02 0.18 0.00	19.66 0.17 0.00	19.11 0.19 0.00	19.93 0.25 0.00	20.00 0.29 0.00	19.74 0.28 0.00	20.14 0.28 0.00	19.90 0.31 0.00	18.66 0.29 0.00	18.13 0.21 0.00	18.28 0.32 0.00	18.26 0.32 0.00	18.05 0.37 0.00	19.47 0.40 0.00	22.70 0.66 0.00	22.78 0.85 0.00	29.52 0.86 0.00	46.29 0.72 0.00	28.30 0.44 0.00	20.44 0.29 0.00	20.34 0.17 0.00
CRUCIBLE_METL_DRP 24180	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
DAHOWA___HYDRO 323763	23.46 0.48 0.00	22.44 0.38 0.00	20.34 0.37 0.00	20.24 0.40 0.00	19.88 0.39 0.00	19.29 0.37 0.00	20.14 0.46 0.00	20.20 0.49 0.00	20.02 0.55 0.00	20.46 0.60 0.00	20.12 0.53 0.00	18.83 0.46 0.00	18.34 0.42 0.00	18.43 0.48 0.00	18.46 0.52 0.00	18.22 0.54 0.00	19.68 0.61 0.00	22.97 0.93 0.00	22.96 1.03 0.00	29.81 1.15 0.00	46.89 1.31 0.00	28.52 0.66 0.00	20.54 0.38 0.00	20.49 0.32 0.00
DANC___LFGE 323619	22.65 -0.33 0.00	21.72 -0.34 0.00	19.65 -0.32 0.00	19.51 -0.33 0.00	19.17 -0.32 0.00	18.63 -0.30 0.00	19.35 -0.33 0.00	19.43 -0.29 0.00	19.21 -0.26 0.00	19.60 -0.26 0.00	19.33 -0.27 0.00	18.13 -0.24 0.00	17.67 -0.25 0.00	17.63 -0.32 0.00	17.65 -0.30 0.00	17.45 -0.23 0.00	18.86 -0.21 0.00	21.84 -0.20 0.00	21.84 -0.09 0.00	28.57 -0.09 0.00	45.35 -0.23 0.00	27.64 -0.22 0.00	19.95 -0.20 0.00	19.96 -0.21 0.00
DANSKAMMER___1 23586	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.02 0.55 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.49 0.55 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.06 1.02 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.45 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.48 0.00
DANSKAMMER___2 23589	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.02 0.55 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.49 0.55 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.06 1.02 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.45 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.48 0.00
DANSKAMMER___3 23590	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.02 0.55 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.49 0.55 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.06 1.02 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.45 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.48 0.00

DANSKAMMER___4 23591	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.02 0.55 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.49 0.55 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.06 1.02 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.45 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.48 0.00
DANSKAMMER___DIESEL 23592	23.65 0.67 0.00	22.65 0.59 0.00	20.48 0.51 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.42 0.50 0.00	20.24 0.56 0.00	20.31 0.59 0.00	20.01 0.54 0.00	20.39 0.53 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.47 0.00	18.50 0.55 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.76 0.69 0.00	23.06 1.03 0.00	23.14 1.21 0.00	29.99 1.33 0.00	47.03 1.46 0.00	28.77 0.91 0.00	20.78 0.63 0.00	20.66 0.49 0.00
DARBY___SOLAR 323810	23.44 0.46 0.00	22.44 0.38 0.00	20.33 0.36 0.00	20.23 0.39 0.00	19.87 0.38 0.00	19.28 0.36 0.00	20.11 0.43 0.00	20.17 0.46 0.00	19.97 0.50 0.00	20.41 0.55 0.00	20.08 0.49 0.00	18.78 0.42 0.00	18.31 0.39 0.00	18.40 0.44 0.00	18.43 0.48 0.00	18.19 0.51 0.00	19.64 0.57 0.00	22.89 0.86 0.00	22.90 0.97 0.00	29.74 1.08 0.00	46.80 1.23 0.00	28.49 0.63 0.00	20.52 0.37 0.00	20.48 0.31 0.00
DASHVILLE___HYD 23610	23.32 0.34 0.00	22.33 0.27 0.00	20.18 0.21 0.00	20.03 0.19 0.00	19.70 0.21 0.00	19.16 0.24 0.00	19.96 0.28 0.00	20.02 0.31 0.00	19.73 0.27 0.00	20.09 0.23 0.00	19.86 0.27 0.00	18.65 0.28 0.00	18.12 0.20 0.00	18.24 0.28 0.00	18.21 0.27 0.00	18.01 0.32 0.00	19.46 0.39 0.00	22.73 0.69 0.00	22.83 0.90 0.00	29.59 0.93 0.00	46.38 0.81 0.00	28.39 0.53 0.00	20.51 0.36 0.00	20.38 0.20 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.98 1.00 0.00	23.03 0.97 0.00	20.78 0.82 0.00	20.58 0.74 0.00	20.24 0.76 0.00	19.65 0.72 0.00	20.47 0.78 0.00	20.50 0.79 0.00	20.27 0.81 0.00	20.68 0.82 0.00	20.50 0.90 0.00	19.26 0.89 0.00	18.74 0.82 0.00	18.85 0.90 0.00	18.75 0.81 0.00	18.59 0.90 0.00	20.08 1.01 0.00	23.52 1.48 0.00	23.75 1.82 0.00	30.72 2.06 0.00	47.67 2.09 0.00	29.18 1.32 0.00	21.16 1.01 0.00	21.07 0.89 0.00
DELAWARE___LFGE 323621	23.32 0.35 0.00	22.39 0.32 0.00	20.23 0.27 0.00	20.12 0.28 0.00	19.77 0.28 0.00	19.19 0.26 0.00	19.95 0.27 0.00	20.02 0.31 0.00	19.76 0.30 0.00	20.16 0.31 0.00	19.92 0.32 0.00	18.69 0.33 0.00	18.22 0.31 0.00	18.29 0.34 0.00	18.30 0.35 0.00	18.06 0.38 0.00	19.48 0.41 0.00	22.63 0.59 0.00	22.61 0.68 0.00	29.43 0.77 0.00	46.45 0.87 0.00	28.38 0.52 0.00	20.51 0.36 0.00	20.46 0.29 0.00
DERFIELD_115KV_TB7 355931	22.96 -0.02 0.00	22.02 -0.03 0.00	19.94 -0.02 0.00	19.82 -0.02 0.00	19.47 -0.02 0.00	18.90 -0.02 0.00	19.66 -0.02 0.00	19.70 -0.01 0.00	19.45 -0.02 0.00	19.83 -0.02 0.00	19.58 -0.02 0.00	18.35 -0.02 0.00	17.90 -0.02 0.00	17.96 0.01 0.00	17.96 0.02 0.00	17.70 0.02 0.00	19.09 0.02 0.00	22.11 0.08 0.00	22.06 0.13 0.00	28.79 0.12 0.00	45.64 0.06 0.00	27.88 0.02 0.00	20.15 0.00 0.00	20.16 -0.02 0.00
DOGLEVILLE___HYD 23807	22.62 -0.36 0.00	21.66 -0.40 0.00	19.64 -0.33 0.00	19.49 -0.36 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.38 -0.30 0.00	19.46 -0.25 0.00	19.21 -0.26 0.00	19.61 -0.25 0.00	19.29 -0.30 0.00	18.05 -0.31 0.00	17.53 -0.39 0.00	17.70 -0.26 0.00	17.68 -0.26 0.00	17.50 -0.19 0.00	18.93 -0.13 0.00	22.10 0.06 0.00	22.19 0.27 0.00	28.82 0.16 0.00	45.29 -0.29 0.00	27.51 -0.35 0.00	19.81 -0.35 0.00	19.62 -0.56 0.00
DUNKIRK___115KV_TB_200 55889	22.39 -0.59 0.00	21.52 -0.53 0.00	19.34 -0.62 0.00	19.18 -0.66 0.00	18.90 -0.59 0.00	18.33 -0.60 0.00	18.80 -0.88 0.00	18.78 -0.93 0.00	18.51 -0.96 0.00	19.03 -0.82 0.00	18.86 -0.74 0.00	17.80 -0.57 0.00	17.41 -0.51 0.00	17.24 -0.71 0.00	17.35 -0.59 0.00	17.18 -0.50 0.00	18.34 -0.73 0.00	21.10 -0.94 0.00	20.99 -0.94 0.00	27.19 -1.47 0.00	42.45 -3.12 0.00	25.82 -2.04 0.00	18.75 -1.40 0.00	18.91 -1.27 0.00
DUNKIRK___1 23563	22.39 -0.59 0.00	21.52 -0.53 0.00	19.34 -0.62 0.00	19.18 -0.66 0.00	18.90 -0.59 0.00	18.33 -0.60 0.00	18.80 -0.88 0.00	18.78 -0.93 0.00	18.51 -0.96 0.00	19.03 -0.82 0.00	18.86 -0.74 0.00	17.80 -0.57 0.00	17.41 -0.51 0.00	17.24 -0.71 0.00	17.35 -0.59 0.00	17.18 -0.50 0.00	18.34 -0.73 0.00	21.10 -0.94 0.00	20.99 -0.94 0.00	27.19 -1.47 0.00	42.45 -3.12 0.00	25.82 -2.04 0.00	18.75 -1.40 0.00	18.91 -1.27 0.00
DUNKIRK___2 23564	22.39 -0.59 0.00	21.52 -0.53 0.00	19.34 -0.62 0.00	19.18 -0.66 0.00	18.90 -0.59 0.00	18.33 -0.60 0.00	18.80 -0.88 0.00	18.78 -0.93 0.00	18.51 -0.96 0.00	19.03 -0.82 0.00	18.86 -0.74 0.00	17.80 -0.57 0.00	17.41 -0.51 0.00	17.24 -0.71 0.00	17.35 -0.59 0.00	17.18 -0.50 0.00	18.34 -0.73 0.00	21.10 -0.94 0.00	20.99 -0.94 0.00	27.19 -1.47 0.00	42.45 -3.12 0.00	25.82 -2.04 0.00	18.75 -1.40 0.00	18.91 -1.27 0.00
DUNKIRK___3 23565	22.28 -0.70 0.00	21.43 -0.63 0.00	19.27 -0.69 0.00	19.10 -0.75 0.00	18.82 -0.67 0.00	18.24 -0.69 0.00	18.70 -0.98 0.00	18.66 -1.05 0.00	18.41 -1.06 0.00	18.93 -0.93 0.00	18.76 -0.84 0.00	17.72 -0.64 0.00	17.34 -0.57 0.00	17.18 -0.77 0.00	17.28 -0.67 0.00	17.11 -0.57 0.00	18.26 -0.81 0.00	20.98 -1.06 0.00	20.89 -1.04 0.00	27.04 -1.62 0.00	42.31 -3.27 0.00	25.82 -2.04 0.00	18.77 -1.38 0.00	18.91 -1.26 0.00
DUNKIRK___4 23566	22.28 -0.70 0.00	21.43 -0.63 0.00	19.27 -0.69 0.00	19.10 -0.75 0.00	18.82 -0.67 0.00	18.24 -0.69 0.00	18.70 -0.98 0.00	18.66 -1.05 0.00	18.41 -1.06 0.00	18.93 -0.93 0.00	18.76 -0.84 0.00	17.72 -0.64 0.00	17.34 -0.57 0.00	17.18 -0.77 0.00	17.28 -0.67 0.00	17.11 -0.57 0.00	18.26 -0.81 0.00	20.98 -1.06 0.00	20.89 -1.04 0.00	27.04 -1.62 0.00	42.31 -3.27 0.00	25.82 -2.04 0.00	18.77 -1.38 0.00	18.91 -1.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.56 0.58 0.00	22.56 0.50 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.34 0.41 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.32 0.46 0.00	20.10 0.50 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.49 0.53 0.00	18.47 0.52 0.00	18.26 0.57 0.00	19.71 0.64 0.00	22.98 0.94 0.00	23.07 1.14 0.00	29.85 1.20 0.00	46.71 1.13 0.00	28.63 0.77 0.00	20.69 0.54 0.00	20.56 0.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.51 0.53 0.00	22.53 0.47 0.00	20.36 0.40 0.00	20.19 0.36 0.00	19.86 0.37 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.19 0.48 0.00	19.89 0.43 0.00	20.26 0.40 0.00	20.01 0.42 0.00	18.78 0.41 0.00	18.26 0.35 0.00	18.37 0.42 0.00	18.36 0.42 0.00	18.15 0.47 0.00	19.62 0.55 0.00	22.90 0.87 0.00	22.98 1.05 0.00	29.78 1.12 0.00	46.71 1.14 0.00	28.60 0.74 0.00	20.67 0.52 0.00	20.55 0.37 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.46 0.48 0.00	22.52 0.46 0.00	20.38 0.41 0.00	20.20 0.36 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.21 0.49 0.00	19.94 0.47 0.00	20.29 0.43 0.00	20.11 0.52 0.00	18.85 0.49 0.00	18.30 0.38 0.00	18.43 0.48 0.00	18.40 0.46 0.00	18.20 0.51 0.00	19.63 0.56 0.00	22.87 0.83 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.39 0.82 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.44 0.27 0.00
E179THST_13_KV_LOAD 356214	23.55 0.57 0.00	22.60 0.55 0.00	20.45 0.48 0.00	20.27 0.43 0.00	19.91 0.42 0.00	19.37 0.44 0.00	20.20 0.52 0.00	20.27 0.56 0.00	20.01 0.54 0.00	20.36 0.51 0.00	20.19 0.59 0.00	18.93 0.56 0.00	18.38 0.46 0.00	18.51 0.56 0.00	18.47 0.53 0.00	18.27 0.59 0.00	19.71 0.64 0.00	22.98 0.94 0.00	23.09 1.16 0.00	29.85 1.19 0.00	46.60 1.03 0.00	28.66 0.80 0.00	20.67 0.52 0.00	20.52 0.35 0.00
EAST HAMPTON___GT 23717	24.22 1.25 0.00	23.25 1.19 0.00	20.97 1.01 0.00	20.78 0.93 0.00	20.44 0.95 0.00	19.84 0.91 0.00	20.66 0.98 0.00	20.71 1.00 0.00	20.49 1.02 0.00	20.87 1.02 0.00	20.68 1.09 0.00	19.41 1.05 0.00	18.87 0.95 0.00	18.98 1.03 0.00	18.89 0.95 0.00	18.75 1.06 0.00	20.26 1.20 0.00	23.75 1.71 0.00	23.99 2.06 0.00	31.04 2.38 0.00	48.15 2.57 0.00	29.47 1.61 0.00	21.35 1.20 0.00	21.25 1.08 0.00
EAST RIVER___6 23660	23.46 0.49 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.31 0.38 0.00	20.13 0.45 0.00	20.21 0.50 0.00	19.93 0.46 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.87 0.50 0.00	18.35 0.43 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.25 0.57 0.00	19.69 0.62 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.79 1.13 0.00	46.47 0.89 0.00	28.53 0.67 0.00	20.62 0.48 0.00	20.45 0.28 0.00
EAST RIVER___7 23524	23.46 0.49 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.31 0.38 0.00	20.13 0.45 0.00	20.21 0.50 0.00	19.93 0.46 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.87 0.50 0.00	18.35 0.43 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.25 0.57 0.00	19.69 0.62 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.79 1.13 0.00	46.47 0.89 0.00	28.53 0.67 0.00	20.62 0.48 0.00	20.45 0.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.53 0.55 0.00	22.54 0.49 0.00	20.38 0.41 0.00	20.20 0.37 0.00	19.86 0.37 0.00	19.33 0.40 0.00	20.15 0.47 0.00	20.21 0.50 0.00	19.92 0.46 0.00	20.30 0.45 0.00	20.08 0.49 0.00	18.85 0.48 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.23 0.55 0.00	19.68 0.61 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.82 1.16 0.00	46.68 1.11 0.00	28.60 0.74 0.00	20.68 0.52 0.00	20.54 0.37 0.00
EAST_HAMPTON___DIESEL 23722	24.22 1.25 0.00	23.25 1.19 0.00	20.97 1.01 0.00	20.78 0.93 0.00	20.44 0.95 0.00	19.84 0.91 0.00	20.66 0.98 0.00	20.71 1.00 0.00	20.49 1.02 0.00	20.87 1.02 0.00	20.68 1.09 0.00	19.41 1.05 0.00	18.87 0.95 0.00	18.98 1.03 0.00	18.89 0.95 0.00	18.75 1.06 0.00	20.26 1.20 0.00	23.75 1.71 0.00	23.99 2.06 0.00	31.04 2.38 0.00	48.15 2.57 0.00	29.47 1.61 0.00	21.35 1.20 0.00	21.26 1.08 0.00
EAST_PULASKI___ESR 323781	22.41 -0.57 0.00	21.48 -0.57 0.00	19.44 -0.53 0.00	19.30 -0.54 0.00	18.98 -0.51 0.00	18.44 -0.48 0.00	19.15 -0.53 0.00	19.20 -0.51 0.00	18.95 -0.51 0.00	19.32 -0.54 0.00	19.07 -0.52 0.00	17.91 -0.46 0.00	17.47 -0.45 0.00	17.45 -0.50 0.00	17.47 -0.48 0.00	17.26 -0.43 0.00	18.60 -0.47 0.00	21.54 -0.50 0.00	21.55 -0.38 0.00	28.20 -0.46 0.00	44.86 -0.72 0.00	27.36 -0.50 0.00	19.78 -0.38 0.00	19.83 -0.34 0.00
EAST_RIVER___1 323558	23.50 0.52 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.20 0.36 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.24 0.52 0.00	19.96 0.49 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.52 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.27 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.80 1.14 0.00	46.54 0.96 0.00	28.56 0.70 0.00	20.64 0.49 0.00	20.49 0.31 0.00
EAST_RIVER___2 323559	23.46 0.49 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.31 0.38 0.00	20.13 0.45 0.00	20.21 0.50 0.00	19.93 0.46 0.00	20.31 0.45 0.00	20.09 0.50 0.00	18.87 0.50 0.00	18.35 0.43 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.25 0.57 0.00	19.69 0.62 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.79 1.13 0.00	46.47 0.89 0.00	28.53 0.67 0.00	20.62 0.48 0.00	20.45 0.28 0.00
EAST___DELAWARE_HYD 23607	23.32 0.34 0.00	22.37 0.31 0.00	20.21 0.25 0.00	20.05 0.21 0.00	19.71 0.22 0.00	19.18 0.26 0.00	20.00 0.32 0.00	20.06 0.35 0.00	19.71 0.24 0.00	19.98 0.13 0.00	19.69 0.09 0.00	18.45 0.09 0.00	18.00 0.08 0.00	18.03 0.08 0.00	18.01 0.07 0.00	17.88 0.20 0.00	19.33 0.26 0.00	22.65 0.61 0.00	22.75 0.82 0.00	29.53 0.87 0.00	46.36 0.78 0.00	28.35 0.49 0.00	20.46 0.31 0.00	20.35 0.18 0.00
EIGHT_POINT___WT_PWR 323820	23.12 0.15 0.00	22.19 0.13 0.00	19.94 -0.03 0.00	19.85 0.02 0.00	19.56 0.07 0.00	19.04 0.12 0.00	19.76 0.08 0.00	19.92 0.21 0.00	19.54 0.08 0.00	19.99 0.14 0.00	19.77 0.17 0.00	18.49 0.12 0.00	17.97 0.05 0.00	17.96 0.01 0.00	18.05 0.11 0.00	17.88 0.20 0.00	19.29 0.22 0.00	22.43 0.39 0.00	22.43 0.50 0.00	29.17 0.51 0.00	45.56 -0.02 0.00	27.56 -0.30 0.00	19.79 -0.37 0.00	19.58 -0.59 0.00
ELBRIDGE_115KV_TB2 80188	22.42 -0.55 0.00	21.56 -0.51 0.00	19.46 -0.50 0.00	19.33 -0.51 0.00	19.01 -0.48 0.00	18.47 -0.45 0.00	19.17 -0.52 0.00	19.23 -0.48 0.00	18.96 -0.50 0.00	19.29 -0.56 0.00	19.08 -0.52 0.00	17.93 -0.43 0.00	17.50 -0.41 0.00	17.51 -0.45 0.00	17.52 -0.42 0.00	17.29 -0.39 0.00	18.61 -0.47 0.00	21.56 -0.48 0.00	21.53 -0.40 0.00	28.17 -0.49 0.00	44.77 -0.81 0.00	27.36 -0.50 0.00	19.79 -0.37 0.00	19.87 -0.30 0.00
ELEC_TRO_TEK 24086	23.71 0.74 0.00	22.72 0.67 0.00	20.53 0.56 0.00	20.34 0.50 0.00	20.00 0.50 0.00	19.44 0.51 0.00	20.26 0.57 0.00	20.30 0.59 0.00	20.00 0.53 0.00	20.38 0.52 0.00	20.22 0.62 0.00	19.00 0.63 0.00	18.48 0.57 0.00	18.61 0.66 0.00	18.58 0.64 0.00	18.38 0.70 0.00	19.85 0.78 0.00	23.17 1.14 0.00	23.30 1.37 0.00	30.15 1.49 0.00	46.91 1.34 0.00	28.79 0.93 0.00	20.89 0.73 0.00	20.75 0.58 0.00
ELLENBURG_WT_PWR 323604	24.21 1.23 0.00	23.29 1.23 0.00	21.12 1.16 0.00	20.99 1.15 0.00	20.56 1.06 0.00	19.92 0.99 0.00	20.71 1.03 0.00	20.71 1.01 0.00	20.52 1.06 0.00	20.96 1.11 0.00	20.63 1.04 0.00	19.28 0.91 0.00	18.76 0.85 0.00	18.76 0.80 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.91 0.84 0.00	22.83 0.79 0.00	22.40 0.47 0.00	29.47 0.81 0.00	47.11 1.53 0.00	28.83 0.97 0.00	21.01 0.85 0.00	21.01 0.84 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.00 -0.97 0.00	21.17 -0.89 0.00	19.09 -0.87 0.00	18.90 -0.95 0.00	18.62 -0.87 0.00	18.01 -0.92 0.00	18.44 -1.25 0.00	18.32 -1.40 0.00	18.14 -1.33 0.00	18.66 -1.20 0.00	18.47 -1.12 0.00	17.50 -0.87 0.00	17.16 -0.75 0.00	17.01 -0.94 0.00	17.06 -0.88 0.00	16.89 -0.79 0.00	18.00 -1.07 0.00	20.63 -1.41 0.00	20.60 -1.33 0.00	26.60 -2.06 0.00	41.75 -3.82 0.00	25.61 -2.25 0.00	18.66 -1.50 0.00	18.85 -1.32 0.00
EMPIRE_CC_1 323656	23.03 0.05 0.00	22.04 -0.01 0.00	20.03 0.06 0.00	19.92 0.08 0.00	19.56 0.07 0.00	18.92 -0.01 0.00	19.70 0.02 0.00	19.73 0.01 0.00	19.49 0.02 0.00	19.90 0.05 0.00	19.59 0.00 0.00	18.35 -0.02 0.00	17.95 0.04 0.00	18.12 0.16 0.00	18.10 0.16 0.00	17.83 0.14 0.00	19.14 0.07 0.00	22.24 0.20 0.00	22.26 0.33 0.00	28.89 0.23 0.00	45.53 -0.05 0.00	27.80 -0.05 0.00	20.12 -0.04 0.00	20.17 -0.01 0.00
EMPIRE_CC_2 323658	23.03 0.05 0.00	22.04 -0.01 0.00	20.03 0.06 0.00	19.92 0.08 0.00	19.56 0.07 0.00	18.92 -0.01 0.00	19.70 0.02 0.00	19.73 0.01 0.00	19.49 0.02 0.00	19.90 0.05 0.00	19.59 0.00 0.00	18.35 -0.02 0.00	17.95 0.04 0.00	18.12 0.16 0.00	18.10 0.16 0.00	17.83 0.14 0.00	19.14 0.07 0.00	22.24 0.20 0.00	22.26 0.33 0.00	28.89 0.23 0.00	45.53 -0.05 0.00	27.80 -0.05 0.00	20.12 -0.04 0.00	20.17 -0.01 0.00
ENORWICH_115KV_TB1 80156	24.30 1.33 0.00	23.40 1.35 0.00	21.06 1.09 0.00	20.94 1.10 0.00	20.60 1.11 0.00	20.00 1.08 0.00	20.82 1.14 0.00	20.94 1.23 0.00	20.69 1.23 0.00	21.15 1.29 0.00	20.87 1.27 0.00	19.64 1.27 0.00	19.11 1.20 0.00	19.11 1.16 0.00	19.18 1.24 0.00	19.00 1.31 0.00	20.50 1.44 0.00	23.87 1.84 0.00	23.89 1.96 0.00	31.10 2.44 0.00	48.98 3.40 0.00	29.74 1.88 0.00	21.35 1.20 0.00	21.27 1.09 0.00
ERIE_ST__34_KV_TB1-2 80199	22.52 -0.46 0.00	21.66 -0.40 0.00	19.52 -0.44 0.00	19.32 -0.52 0.00	19.05 -0.44 0.00	18.42 -0.50 0.00	18.87 -0.81 0.00	18.76 -0.95 0.00	18.56 -0.91 0.00	19.09 -0.76 0.00	18.94 -0.65 0.00	17.93 -0.43 0.00	17.58 -0.34 0.00	17.43 -0.53 0.00	17.49 -0.46 0.00	17.31 -0.37 0.00	18.47 -0.60 0.00	21.19 -0.85 0.00	21.13 -0.80 0.00	27.30 -1.36 0.00	42.92 -2.65 0.00	26.34 -1.52 0.00	19.17 -0.98 0.00	19.33 -0.84 0.00
ERIE_WT_PWR 323693	22.18 -0.79 0.00	21.34 -0.72 0.00	19.24 -0.73 0.00	19.04 -0.80 0.00	18.77 -0.73 0.00	18.16 -0.76 0.00	18.58 -1.10 0.00	18.46 -1.25 0.00	18.26 -1.21 0.00	18.81 -1.05 0.00	18.65 -0.95 0.00	17.64 -0.72 0.00	17.31 -0.61 0.00	17.14 -0.81 0.00	17.20 -0.74 0.00	17.03 -0.66 0.00	18.16 -0.91 0.00	20.82 -1.22 0.00	20.77 -1.15 0.00	26.83 -1.82 0.00	42.12 -3.45 0.00	25.83 -2.03 0.00	18.80 -1.35 0.00	18.99 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	23.90 0.93 0.00	22.94 0.88 0.00	20.73 0.76 0.00	20.56 0.72 0.00	20.20 0.71 0.00	19.61 0.69 0.00	20.36 0.68 0.00	20.41 0.70 0.00	20.23 0.76 0.00	20.62 0.76 0.00	20.36 0.77 0.00	19.13 0.76 0.00	18.71 0.79 0.00	18.80 0.85 0.00	18.83 0.89 0.00	18.57 0.89 0.00	20.06 0.99 0.00	23.25 1.21 0.00	23.16 1.24 0.00	30.25 1.59 0.00	47.93 2.35 0.00	29.31 1.45 0.00	21.16 1.00 0.00	21.14 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.05 0.08 0.00	22.14 0.08 0.00	19.97 0.00 0.00	19.84 0.00 0.00	19.52 0.03 0.00	18.97 0.04 0.00	19.70 0.02 0.00	19.79 0.08 0.00	19.50 0.03 0.00	19.86 0.01 0.00	19.64 0.04 0.00	18.45 0.09 0.00	17.97 0.06 0.00	17.99 0.03 0.00	18.02 0.07 0.00	17.82 0.14 0.00	19.20 0.13 0.00	22.28 0.24 0.00	22.27 0.35 0.00	29.07 0.41 0.00	45.99 0.41 0.00	28.06 0.21 0.00	20.26 0.11 0.00	20.26 0.09 0.00
ETNA____115KV_TB2 80207	23.05 0.08 0.00	22.14 0.08 0.00	19.97 0.00 0.00	19.84 0.00 0.00	19.52 0.03 0.00	18.97 0.04 0.00	19.70 0.02 0.00	19.79 0.08 0.00	19.50 0.03 0.00	19.86 0.01 0.00	19.64 0.04 0.00	18.45 0.09 0.00	17.97 0.06 0.00	17.99 0.03 0.00	18.02 0.07 0.00	17.82 0.14 0.00	19.20 0.13 0.00	22.28 0.24 0.00	22.27 0.35 0.00	29.07 0.41 0.00	45.99 0.41 0.00	28.06 0.21 0.00	20.26 0.11 0.00	20.26 0.09 0.00
EUCLID___115KV_TB2 356179	22.28 -0.70 0.00	21.38 -0.68 0.00	19.34 -0.63 0.00	19.21 -0.64 0.00	18.90 -0.60 0.00	18.35 -0.58 0.00	19.04 -0.64 0.00	19.07 -0.64 0.00	18.80 -0.66 0.00	19.15 -0.70 0.00	18.92 -0.67 0.00	17.80 -0.57 0.00	17.37 -0.55 0.00	17.38 -0.57 0.00	17.39 -0.55 0.00	17.14 -0.54 0.00	18.46 -0.61 0.00	21.37 -0.67 0.00	21.37 -0.56 0.00	27.94 -0.72 0.00	44.46 -1.12 0.00	27.16 -0.71 0.00	19.65 -0.50 0.00	19.75 -0.43 0.00
E_CANADA_CAP_HY 24051	24.08 1.11 0.00	23.09 1.04 0.00	20.88 0.91 0.00	20.69 0.84 0.00	20.32 0.83 0.00	19.73 0.80 0.00	20.48 0.80 0.00	20.51 0.80 0.00	20.34 0.88 0.00	20.74 0.89 0.00	20.44 0.85 0.00	19.19 0.82 0.00	18.80 0.89 0.00	18.90 0.95 0.00	18.93 0.99 0.00	18.65 0.97 0.00	20.16 1.09 0.00	23.36 1.32 0.00	23.25 1.32 0.00	30.40 1.74 0.00	48.25 2.67 0.00	29.52 1.66 0.00	21.30 1.15 0.00	21.31 1.14 0.00
E_CANADA_MHWK_HY 24050	22.62 -0.36 0.00	21.66 -0.40 0.00	19.64 -0.33 0.00	19.49 -0.36 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.38 -0.30 0.00	19.46 -0.25 0.00	19.21 -0.26 0.00	19.61 -0.25 0.00	19.29 -0.30 0.00	18.05 -0.31 0.00	17.53 -0.39 0.00	17.70 -0.26 0.00	17.68 -0.26 0.00	17.50 -0.19 0.00	18.93 -0.13 0.00	22.10 0.06 0.00	22.19 0.27 0.00	28.82 0.16 0.00	45.29 -0.29 0.00	27.51 -0.35 0.00	19.81 -0.35 0.00	19.62 -0.56 0.00
E_FISHKILL___LBMP 23776	23.40 0.42 0.00	22.42 0.37 0.00	20.28 0.32 0.00	20.12 0.29 0.00	19.78 0.29 0.00	19.23 0.30 0.00	20.04 0.36 0.00	20.10 0.39 0.00	19.83 0.36 0.00	20.21 0.36 0.00	19.98 0.39 0.00	18.75 0.38 0.00	18.24 0.32 0.00	18.36 0.41 0.00	18.34 0.40 0.00	18.13 0.44 0.00	19.56 0.49 0.00	22.81 0.77 0.00	22.88 0.95 0.00	29.64 0.98 0.00	46.48 0.90 0.00	28.45 0.59 0.00	20.56 0.41 0.00	20.45 0.28 0.00
FALCON___SEABRD_CC1 323796	24.49 1.51 0.00	23.56 1.50 0.00	21.38 1.41 0.00	21.25 1.40 0.00	20.78 1.29 0.00	20.09 1.16 0.00	20.87 1.19 0.00	20.89 1.18 0.00	20.68 1.22 0.00	21.12 1.26 0.00	20.78 1.19 0.00	19.41 1.05 0.00	18.88 0.97 0.00	18.89 0.94 0.00	18.81 0.86 0.00	18.52 0.83 0.00	20.07 0.99 0.00	23.00 0.97 0.00	22.48 0.55 0.00	29.65 0.99 0.00	47.38 1.81 0.00	29.00 1.14 0.00	21.22 1.07 0.00	21.25 1.07 0.00
FALCON___SEABRD_CC2 323797	24.49 1.51 0.00	23.56 1.50 0.00	21.38 1.41 0.00	21.25 1.40 0.00	20.78 1.29 0.00	20.09 1.16 0.00	20.87 1.19 0.00	20.89 1.18 0.00	20.68 1.22 0.00	21.12 1.26 0.00	20.78 1.19 0.00	19.41 1.05 0.00	18.88 0.97 0.00	18.89 0.94 0.00	18.81 0.86 0.00	18.52 0.83 0.00	20.07 0.99 0.00	23.00 0.97 0.00	22.48 0.55 0.00	29.65 0.99 0.00	47.38 1.81 0.00	29.00 1.14 0.00	21.22 1.07 0.00	21.25 1.07 0.00

FAR ROCKAWAY___4 23548	23.98 1.00 0.00	22.97 0.92 0.00	20.74 0.77 0.00	20.54 0.70 0.00	20.19 0.70 0.00	19.63 0.71 0.00	20.46 0.77 0.00	20.49 0.78 0.00	20.18 0.71 0.00	20.57 0.71 0.00	20.42 0.82 0.00	19.18 0.81 0.00	18.67 0.75 0.00	18.79 0.84 0.00	18.77 0.83 0.00	18.57 0.89 0.00	20.06 0.99 0.00	23.42 1.38 0.00	23.56 1.63 0.00	30.49 1.83 0.00	47.38 1.80 0.00	29.11 1.25 0.00	21.11 0.96 0.00	20.98 0.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.52 0.54 0.00	22.56 0.50 0.00	20.40 0.44 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.43 0.00	20.18 0.50 0.00	20.25 0.54 0.00	19.97 0.50 0.00	20.35 0.49 0.00	20.13 0.54 0.00	18.90 0.53 0.00	18.37 0.46 0.00	18.50 0.54 0.00	18.47 0.53 0.00	18.27 0.59 0.00	19.72 0.65 0.00	22.98 0.94 0.00	23.09 1.16 0.00	29.83 1.17 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.49 0.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.54 0.56 0.00	22.57 0.52 0.00	20.41 0.45 0.00	20.24 0.40 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.19 0.51 0.00	20.26 0.55 0.00	19.98 0.51 0.00	20.36 0.50 0.00	20.14 0.55 0.00	18.91 0.54 0.00	18.38 0.47 0.00	18.51 0.55 0.00	18.48 0.53 0.00	18.28 0.59 0.00	19.73 0.66 0.00	23.00 0.96 0.00	23.10 1.17 0.00	29.86 1.20 0.00	46.61 1.04 0.00	28.60 0.74 0.00	20.67 0.52 0.00	20.51 0.34 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.51 0.53 0.00	22.55 0.49 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.49 0.00	20.13 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.54 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.81 1.15 0.00	46.55 0.97 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.49 0.32 0.00
FARRAGUT___LBMP 323566	23.50 0.52 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.20 0.37 0.00	19.86 0.37 0.00	19.33 0.41 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.11 0.51 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.45 0.51 0.00	18.25 0.56 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.13 0.00	29.80 1.14 0.00	46.54 0.96 0.00	28.55 0.69 0.00	20.64 0.48 0.00	20.48 0.30 0.00
FENNER___WINDPWR 24204	23.18 0.21 0.00	22.24 0.17 0.00	20.10 0.13 0.00	19.97 0.13 0.00	19.63 0.14 0.00	19.08 0.15 0.00	19.83 0.16 0.00	19.88 0.18 0.00	19.63 0.16 0.00	20.03 0.18 0.00	19.78 0.18 0.00	18.56 0.20 0.00	18.09 0.18 0.00	18.12 0.16 0.00	18.15 0.20 0.00	17.92 0.24 0.00	19.33 0.26 0.00	22.41 0.38 0.00	22.38 0.46 0.00	29.21 0.55 0.00	46.28 0.70 0.00	28.21 0.36 0.00	20.36 0.21 0.00	20.37 0.19 0.00
FIBERTEK___ENERGY 23856	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
FITZPATRICK___ 23598	22.06 -0.92 0.00	21.18 -0.88 0.00	19.16 -0.80 0.00	19.04 -0.80 0.00	18.73 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.83 0.00	18.97 -0.89 0.00	18.74 -0.86 0.00	17.60 -0.76 0.00	17.19 -0.73 0.00	17.21 -0.75 0.00	17.21 -0.74 0.00	16.94 -0.75 0.00	18.24 -0.83 0.00	21.12 -0.92 0.00	21.10 -0.82 0.00	27.66 -1.00 0.00	44.08 -1.50 0.00	26.94 -0.92 0.00	19.50 -0.65 0.00	19.61 -0.56 0.00
FLOWRFLD_69_KV_BK1 356044	23.77 0.79 0.00	22.81 0.75 0.00	20.59 0.62 0.00	20.39 0.55 0.00	20.04 0.55 0.00	19.46 0.54 0.00	20.28 0.60 0.00	20.33 0.62 0.00	20.06 0.59 0.00	20.42 0.57 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.62 0.67 0.00	18.45 0.77 0.00	19.94 0.87 0.00	23.33 1.29 0.00	23.52 1.59 0.00	30.42 1.76 0.00	47.21 1.64 0.00	28.94 1.07 0.00	20.99 0.84 0.00	20.88 0.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.68 0.70 0.00	22.68 0.62 0.00	20.50 0.54 0.00	20.35 0.51 0.00	20.00 0.51 0.00	19.45 0.52 0.00	20.28 0.59 0.00	20.34 0.62 0.00	20.05 0.58 0.00	20.42 0.56 0.00	20.19 0.59 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.58 0.00	18.52 0.58 0.00	18.31 0.63 0.00	19.80 0.73 0.00	23.11 1.07 0.00	23.18 1.25 0.00	30.05 1.39 0.00	47.11 1.53 0.00	28.82 0.96 0.00	20.81 0.66 0.00	20.69 0.51 0.00
FORT ORANGE___ 23900	23.33 0.35 0.00	22.38 0.32 0.00	20.29 0.32 0.00	20.17 0.34 0.00	19.82 0.32 0.00	19.21 0.28 0.00	20.01 0.33 0.00	20.03 0.32 0.00	19.78 0.31 0.00	20.20 0.34 0.00	19.88 0.29 0.00	18.63 0.26 0.00	18.20 0.28 0.00	18.31 0.36 0.00	18.30 0.36 0.00	18.05 0.37 0.00	19.44 0.37 0.00	22.60 0.56 0.00	22.61 0.68 0.00	29.38 0.72 0.00	46.33 0.76 0.00	28.27 0.41 0.00	20.46 0.31 0.00	20.44 0.27 0.00
FORT_DRUM_COGEN 23780	23.04 0.06 0.00	22.10 0.04 0.00	19.98 0.02 0.00	19.85 0.01 0.00	19.49 0.00 0.00	18.95 0.03 0.00	19.70 0.03 0.00	19.80 0.09 0.00	19.61 0.14 0.00	20.02 0.17 0.00	19.73 0.14 0.00	18.47 0.10 0.00	18.00 0.08 0.00	17.91 -0.04 0.00	17.93 -0.01 0.00	17.78 0.10 0.00	19.25 0.18 0.00	22.30 0.27 0.00	22.30 0.37 0.00	29.16 0.50 0.00	46.19 0.61 0.00	28.11 0.25 0.00	20.25 0.10 0.00	20.21 0.03 0.00
FOX_HILLS___ESR 323835	23.65 0.68 0.00	22.56 0.50 0.00	20.40 0.44 0.00	20.21 0.38 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.32 0.46 0.00	20.11 0.52 0.00	18.87 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.44 0.50 0.00	18.25 0.56 0.00	19.69 0.62 0.00	22.97 0.93 0.00	23.08 1.15 0.00	29.80 1.14 0.00	46.40 0.95 0.12	28.71 0.84 0.00	20.74 0.59 0.00	20.59 0.41 0.00
FPL_FAR_ROCK_GT1 24212	23.98 1.00 0.00	22.97 0.92 0.00	20.74 0.77 0.00	20.54 0.70 0.00	20.19 0.70 0.00	19.63 0.71 0.00	20.46 0.78 0.00	20.49 0.78 0.00	20.18 0.72 0.00	20.56 0.71 0.00	20.42 0.83 0.00	19.18 0.82 0.00	18.66 0.75 0.00	18.79 0.84 0.00	18.77 0.83 0.00	18.58 0.90 0.00	20.06 0.99 0.00	23.42 1.38 0.00	23.56 1.63 0.00	30.49 1.83 0.00	47.38 1.80 0.00	29.11 1.25 0.00	21.12 0.96 0.00	20.98 0.80 0.00
FPL_FAR_ROCK_GT2 23815	23.98 1.00 0.00	22.97 0.92 0.00	20.74 0.77 0.00	20.54 0.70 0.00	20.19 0.70 0.00	19.63 0.71 0.00	20.46 0.78 0.00	20.49 0.78 0.00	20.18 0.72 0.00	20.56 0.71 0.00	20.42 0.83 0.00	19.18 0.82 0.00	18.66 0.75 0.00	18.79 0.84 0.00	18.77 0.83 0.00	18.58 0.90 0.00	20.06 0.99 0.00	23.42 1.38 0.00	23.56 1.63 0.00	30.49 1.83 0.00	47.38 1.80 0.00	29.11 1.25 0.00	21.12 0.96 0.00	20.98 0.80 0.00

FRANKLIN_FALL_HYD 24054	24.44 1.46 0.00	23.49 1.43 0.00	21.30 1.33 0.00	21.16 1.32 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.94 1.26 0.00	20.95 1.24 0.00	20.78 1.32 0.00	21.24 1.38 0.00	20.92 1.32 0.00	19.52 1.15 0.00	19.00 1.09 0.00	18.97 1.02 0.00	18.89 0.95 0.00	18.58 0.90 0.00	20.08 1.01 0.00	23.00 0.96 0.00	22.65 0.72 0.00	29.81 1.14 0.00	47.64 2.07 0.00	29.15 1.29 0.00	21.18 1.03 0.00	21.17 1.00 0.00
FREEPORT_EQUS_GT1 23764	23.83 0.86 0.00	22.83 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.08 0.58 0.00	19.51 0.59 0.00	20.34 0.65 0.00	20.37 0.65 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.06 0.69 0.00	18.54 0.63 0.00	18.66 0.71 0.00	18.65 0.70 0.00	18.46 0.78 0.00	19.92 0.85 0.00	23.29 1.25 0.00	23.44 1.51 0.00	30.33 1.67 0.00	47.16 1.58 0.00	28.94 1.08 0.00	21.01 0.86 0.00	20.87 0.69 0.00
FREEPORT___CT2 23818	23.83 0.86 0.00	22.83 0.77 0.00	20.62 0.65 0.00	20.42 0.58 0.00	20.08 0.58 0.00	19.51 0.59 0.00	20.34 0.65 0.00	20.37 0.65 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.06 0.69 0.00	18.54 0.63 0.00	18.66 0.71 0.00	18.65 0.70 0.00	18.46 0.78 0.00	19.92 0.85 0.00	23.29 1.25 0.00	23.44 1.51 0.00	30.33 1.67 0.00	47.16 1.58 0.00	28.94 1.08 0.00	21.01 0.86 0.00	20.87 0.69 0.00
FRESHKLS_33_KV_LOAD 356253	23.65 0.68 0.00	22.53 0.47 0.00	20.38 0.42 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.21 0.50 0.00	19.92 0.45 0.00	20.27 0.42 0.00	20.06 0.46 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.48 0.00	18.40 0.46 0.00	18.20 0.52 0.00	19.65 0.58 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.72 1.06 0.00	46.18 0.82 0.22	28.69 0.82 0.00	20.74 0.58 0.00	20.58 0.40 0.00
FULTON COGEN____ 23766	22.20 -0.78 0.00	21.30 -0.76 0.00	19.27 -0.70 0.00	19.14 -0.71 0.00	18.83 -0.67 0.00	18.29 -0.64 0.00	18.98 -0.69 0.00	19.01 -0.70 0.00	18.74 -0.73 0.00	19.08 -0.77 0.00	18.85 -0.74 0.00	17.72 -0.65 0.00	17.29 -0.62 0.00	17.31 -0.64 0.00	17.32 -0.63 0.00	17.08 -0.60 0.00	18.39 -0.68 0.00	21.30 -0.74 0.00	21.30 -0.63 0.00	27.89 -0.77 0.00	44.38 -1.20 0.00	27.10 -0.76 0.00	19.61 -0.55 0.00	19.71 -0.47 0.00
FULTON___LFGE 323630	24.94 1.97 0.00	23.88 1.82 0.00	21.59 1.63 0.00	21.40 1.56 0.00	21.04 1.55 0.00	20.43 1.51 0.00	21.27 1.59 0.00	21.31 1.60 0.00	21.01 1.55 0.00	21.32 1.46 0.00	20.86 1.26 0.00	19.63 1.27 0.00	19.22 1.30 0.00	19.39 1.44 0.00	19.44 1.50 0.00	19.20 1.52 0.00	20.95 1.88 0.00	24.40 2.36 0.00	24.43 2.50 0.00	31.87 3.21 0.00	50.26 4.68 0.00	30.64 2.78 0.00	22.04 1.89 0.00	21.97 1.79 0.00
G.F.CEMENT___DRP 24184	23.55 0.57 0.00	22.51 0.45 0.00	20.39 0.43 0.00	20.31 0.48 0.00	19.95 0.46 0.00	19.36 0.44 0.00	20.22 0.54 0.00	20.29 0.57 0.00	20.15 0.68 0.00	20.61 0.75 0.00	20.28 0.68 0.00	18.96 0.60 0.00	18.45 0.53 0.00	18.52 0.57 0.00	18.56 0.62 0.00	18.33 0.65 0.00	19.79 0.72 0.00	23.15 1.11 0.00	23.15 1.22 0.00	30.02 1.36 0.00	47.12 1.54 0.00	28.63 0.77 0.00	20.58 0.43 0.00	20.54 0.36 0.00
GARDENVILLE___LBMP 24039	22.10 -0.88 0.00	21.27 -0.79 0.00	19.17 -0.79 0.00	18.97 -0.87 0.00	18.70 -0.79 0.00	18.09 -0.83 0.00	18.52 -1.16 0.00	18.41 -1.31 0.00	18.22 -1.25 0.00	18.75 -1.11 0.00	18.57 -1.02 0.00	17.58 -0.78 0.00	17.24 -0.68 0.00	17.08 -0.87 0.00	17.14 -0.80 0.00	16.97 -0.71 0.00	18.09 -0.98 0.00	20.74 -1.30 0.00	20.70 -1.23 0.00	26.73 -1.93 0.00	41.95 -3.62 0.00	25.72 -2.14 0.00	18.73 -1.42 0.00	18.91 -1.27 0.00
GARDNVLA_35_KV_LD 355827	22.19 -0.79 0.00	21.35 -0.71 0.00	19.25 -0.72 0.00	19.05 -0.79 0.00	18.77 -0.72 0.00	18.16 -0.76 0.00	18.59 -1.09 0.00	18.47 -1.24 0.00	18.29 -1.18 0.00	18.81 -1.04 0.00	18.65 -0.95 0.00	17.66 -0.71 0.00	17.32 -0.60 0.00	17.16 -0.79 0.00	17.22 -0.72 0.00	17.05 -0.63 0.00	18.18 -0.89 0.00	20.84 -1.20 0.00	20.80 -1.13 0.00	26.87 -1.79 0.00	42.18 -3.40 0.00	25.86 -2.00 0.00	18.82 -1.33 0.00	19.00 -1.17 0.00
GELCKHM___115KV_LOAD 80723	22.37 -0.60 0.00	21.47 -0.58 0.00	19.42 -0.55 0.00	19.29 -0.55 0.00	18.97 -0.52 0.00	18.43 -0.49 0.00	19.13 -0.56 0.00	19.17 -0.54 0.00	18.90 -0.57 0.00	19.24 -0.62 0.00	19.02 -0.58 0.00	17.88 -0.48 0.00	17.45 -0.47 0.00	17.47 -0.48 0.00	17.47 -0.47 0.00	17.23 -0.45 0.00	18.55 -0.52 0.00	21.49 -0.55 0.00	21.48 -0.45 0.00	28.09 -0.57 0.00	44.67 -0.90 0.00	27.28 -0.58 0.00	19.74 -0.41 0.00	19.83 -0.34 0.00
GENERAL___MILLS 23808	22.17 -0.81 0.00	21.33 -0.73 0.00	19.23 -0.74 0.00	19.03 -0.81 0.00	18.76 -0.73 0.00	18.14 -0.78 0.00	18.57 -1.11 0.00	18.46 -1.26 0.00	18.27 -1.20 0.00	18.80 -1.06 0.00	18.62 -0.97 0.00	17.64 -0.73 0.00	17.29 -0.62 0.00	17.14 -0.82 0.00	17.19 -0.75 0.00	17.03 -0.65 0.00	18.15 -0.91 0.00	20.81 -1.23 0.00	20.76 -1.17 0.00	26.82 -1.84 0.00	42.10 -3.48 0.00	25.83 -2.03 0.00	18.79 -1.36 0.00	18.98 -1.19 0.00
GE_PLASTICS___DRP 24183	23.21 0.23 0.00	22.27 0.21 0.00	20.18 0.21 0.00	20.07 0.23 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.90 0.22 0.00	19.93 0.22 0.00	19.68 0.21 0.00	20.09 0.24 0.00	19.80 0.21 0.00	18.56 0.20 0.00	18.12 0.20 0.00	18.23 0.28 0.00	18.21 0.27 0.00	17.96 0.27 0.00	19.35 0.27 0.00	22.47 0.43 0.00	22.46 0.53 0.00	29.20 0.54 0.00	46.07 0.49 0.00	28.13 0.27 0.00	20.36 0.20 0.00	20.35 0.17 0.00
GILBOA___1 23756	23.17 0.19 0.00	22.22 0.16 0.00	20.11 0.15 0.00	20.05 0.21 0.00	19.70 0.21 0.00	19.07 0.15 0.00	19.84 0.17 0.00	19.89 0.18 0.00	19.64 0.17 0.00	20.03 0.18 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.16 0.20 0.00	18.15 0.21 0.00	17.91 0.23 0.00	19.32 0.25 0.00	22.44 0.40 0.00	22.45 0.52 0.00	29.19 0.52 0.00	46.03 0.45 0.00	28.12 0.27 0.00	20.34 0.19 0.00	20.29 0.12 0.00
GILBOA___2 23757	23.17 0.19 0.00	22.22 0.16 0.00	20.11 0.15 0.00	20.05 0.21 0.00	19.70 0.21 0.00	19.07 0.15 0.00	19.84 0.17 0.00	19.89 0.18 0.00	19.64 0.17 0.00	20.03 0.18 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.16 0.20 0.00	18.15 0.21 0.00	17.91 0.23 0.00	19.32 0.25 0.00	22.44 0.40 0.00	22.45 0.52 0.00	29.19 0.52 0.00	46.03 0.45 0.00	28.12 0.27 0.00	20.34 0.19 0.00	20.29 0.12 0.00
GILBOA___3 23758	23.17 0.19 0.00	22.22 0.16 0.00	20.11 0.15 0.00	20.05 0.21 0.00	19.70 0.21 0.00	19.07 0.15 0.00	19.84 0.17 0.00	19.89 0.18 0.00	19.64 0.17 0.00	20.03 0.18 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.16 0.20 0.00	18.15 0.21 0.00	17.91 0.23 0.00	19.32 0.25 0.00	22.44 0.40 0.00	22.45 0.52 0.00	29.19 0.52 0.00	46.03 0.45 0.00	28.12 0.27 0.00	20.34 0.19 0.00	20.29 0.12 0.00

GILBOA___4 23759	23.17 0.19 0.00	22.22 0.16 0.00	20.11 0.15 0.00	20.05 0.21 0.00	19.70 0.21 0.00	19.07 0.15 0.00	19.84 0.17 0.00	19.89 0.18 0.00	19.64 0.17 0.00	20.03 0.18 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.16 0.20 0.00	18.15 0.21 0.00	17.91 0.23 0.00	19.32 0.25 0.00	22.44 0.40 0.00	22.45 0.52 0.00	29.19 0.52 0.00	46.03 0.45 0.00	28.12 0.27 0.00	20.34 0.19 0.00	20.29 0.12 0.00
GILBOA____ 23599	23.17 0.19 0.00	22.22 0.16 0.00	20.11 0.15 0.00	20.05 0.21 0.00	19.70 0.21 0.00	19.07 0.15 0.00	19.84 0.17 0.00	19.89 0.19 0.00	19.64 0.17 0.00	20.03 0.18 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.16 0.20 0.00	18.15 0.21 0.00	17.91 0.23 0.00	19.32 0.25 0.00	22.44 0.41 0.00	22.45 0.52 0.00	29.19 0.52 0.00	46.02 0.45 0.00	28.12 0.27 0.00	20.34 0.19 0.00	20.29 0.12 0.00
GINNA____ 23603	21.16 -1.82 0.00	20.34 -1.72 0.00	18.38 -1.59 0.00	18.22 -1.62 0.00	17.94 -1.55 0.00	17.39 -1.53 0.00	17.96 -1.72 0.00	17.93 -1.78 0.00	17.74 -1.72 0.00	18.16 -1.69 0.00	17.97 -1.63 0.00	16.93 -1.44 0.00	16.55 -1.37 0.00	16.50 -1.46 0.00	16.52 -1.42 0.00	16.32 -1.36 0.00	17.52 -1.55 0.00	20.23 -1.81 0.00	20.23 -1.70 0.00	26.31 -2.35 0.00	41.60 -3.98 0.00	25.44 -2.42 0.00	18.43 -1.73 0.00	18.55 -1.62 0.00
GLEN PARK____ 23778	23.03 0.05 0.00	22.08 0.02 0.00	19.96 0.00 0.00	19.83 -0.01 0.00	19.47 -0.02 0.00	18.94 0.02 0.00	19.69 0.01 0.00	19.79 0.08 0.00	19.60 0.13 0.00	20.01 0.16 0.00	19.71 0.12 0.00	18.46 0.10 0.00	17.98 0.06 0.00	17.89 -0.07 0.00	17.91 -0.03 0.00	17.78 0.10 0.00	19.26 0.19 0.00	22.34 0.30 0.00	22.35 0.42 0.00	29.22 0.56 0.00	46.26 0.69 0.00	28.15 0.29 0.00	20.27 0.12 0.00	20.21 0.04 0.00
GLENDALE_27_KV_LOAD 356172	23.63 0.65 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.93 0.44 0.00	19.40 0.48 0.00	20.23 0.55 0.00	20.30 0.59 0.00	20.03 0.56 0.00	20.40 0.54 0.00	20.20 0.60 0.00	18.95 0.59 0.00	18.43 0.51 0.00	18.55 0.60 0.00	18.52 0.58 0.00	18.32 0.64 0.00	19.77 0.70 0.00	23.05 1.01 0.00	23.16 1.23 0.00	29.92 1.26 0.00	46.73 1.16 0.00	28.71 0.85 0.00	20.74 0.58 0.00	20.58 0.40 0.00
GLENWOOD_IC_1_G5 23712	23.90 0.92 0.00	22.89 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.14 0.65 0.00	19.58 0.65 0.00	20.40 0.72 0.00	20.45 0.73 0.00	20.15 0.68 0.00	20.53 0.67 0.00	20.37 0.77 0.00	19.13 0.77 0.00	18.62 0.70 0.00	18.74 0.78 0.00	18.72 0.77 0.00	18.53 0.85 0.00	20.01 0.94 0.00	23.37 1.33 0.00	23.51 1.58 0.00	30.42 1.76 0.00	47.34 1.76 0.00	29.03 1.17 0.00	21.05 0.90 0.00	20.91 0.74 0.00
GLENWOOD_IC_2_G1 23688	23.86 0.88 0.00	22.86 0.80 0.00	20.64 0.67 0.00	20.45 0.61 0.00	20.11 0.62 0.00	19.55 0.62 0.00	20.38 0.69 0.00	20.42 0.70 0.00	20.12 0.65 0.00	20.50 0.64 0.00	20.33 0.74 0.00	19.11 0.74 0.00	18.59 0.67 0.00	18.71 0.75 0.00	18.69 0.75 0.00	18.50 0.82 0.00	19.97 0.90 0.00	23.32 1.29 0.00	23.46 1.53 0.00	30.36 1.69 0.00	47.25 1.67 0.00	28.98 1.12 0.00	21.01 0.86 0.00	20.88 0.70 0.00
GLENWOOD_IC_3_G1 23689	23.86 0.88 0.00	22.86 0.80 0.00	20.64 0.67 0.00	20.45 0.61 0.00	20.11 0.62 0.00	19.55 0.62 0.00	20.38 0.69 0.00	20.42 0.70 0.00	20.12 0.65 0.00	20.50 0.64 0.00	20.33 0.74 0.00	19.11 0.74 0.00	18.59 0.67 0.00	18.71 0.75 0.00	18.69 0.75 0.00	18.50 0.82 0.00	19.97 0.90 0.00	23.32 1.29 0.00	23.46 1.53 0.00	30.36 1.69 0.00	47.25 1.67 0.00	28.98 1.12 0.00	21.01 0.86 0.00	20.88 0.70 0.00
GLENWOOD___4 23550	23.90 0.92 0.00	22.89 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.14 0.65 0.00	19.58 0.65 0.00	20.40 0.72 0.00	20.45 0.73 0.00	20.15 0.68 0.00	20.53 0.67 0.00	20.37 0.77 0.00	19.13 0.77 0.00	18.62 0.70 0.00	18.74 0.78 0.00	18.72 0.77 0.00	18.53 0.85 0.00	20.01 0.94 0.00	23.37 1.33 0.00	23.51 1.58 0.00	30.42 1.76 0.00	47.34 1.76 0.00	29.03 1.17 0.00	21.05 0.90 0.00	20.91 0.74 0.00
GLENWOOD___5 23614	23.90 0.92 0.00	22.89 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.14 0.65 0.00	19.58 0.65 0.00	20.40 0.72 0.00	20.45 0.73 0.00	20.15 0.68 0.00	20.53 0.67 0.00	20.37 0.77 0.00	19.13 0.77 0.00	18.62 0.70 0.00	18.74 0.78 0.00	18.72 0.77 0.00	18.53 0.85 0.00	20.01 0.94 0.00	23.37 1.33 0.00	23.51 1.58 0.00	30.42 1.76 0.00	47.34 1.76 0.00	29.03 1.17 0.00	21.05 0.90 0.00	20.91 0.74 0.00
GLOBAL GREEN_PORT_GT1 23814	24.20 1.22 0.00	23.23 1.17 0.00	20.95 0.99 0.00	20.76 0.91 0.00	20.42 0.93 0.00	19.82 0.89 0.00	20.65 0.96 0.00	20.69 0.98 0.00	20.47 1.00 0.00	20.85 1.00 0.00	20.65 1.06 0.00	19.40 1.03 0.00	18.85 0.93 0.00	18.97 1.01 0.00	18.87 0.93 0.00	18.73 1.05 0.00	20.25 1.18 0.00	23.73 1.69 0.00	23.97 2.04 0.00	31.02 2.35 0.00	48.11 2.54 0.00	29.44 1.58 0.00	21.33 1.18 0.00	21.24 1.07 0.00
GLOBE___DSASP 323697	21.34 -1.64 0.00	20.54 -1.52 0.00	18.55 -1.41 0.00	18.35 -1.49 0.00	18.09 -1.40 0.00	17.47 -1.45 0.00	17.85 -1.83 0.00	17.67 -2.04 0.00	17.54 -1.92 0.00	18.06 -1.80 0.00	17.78 -1.81 0.00	16.85 -1.52 0.00	16.55 -1.37 0.00	16.38 -1.57 0.00	16.41 -1.53 0.00	16.25 -1.43 0.00	17.30 -1.77 0.00	19.78 -2.25 0.00	19.77 -2.16 0.00	25.48 -3.18 0.00	40.02 -5.55 0.00	24.65 -3.21 0.00	18.01 -2.14 0.00	18.33 -1.85 0.00
GOETHSLN___LBMP 323567	23.38 0.41 0.00	22.44 0.38 0.00	20.29 0.33 0.00	20.11 0.27 0.00	19.78 0.29 0.00	19.25 0.33 0.00	20.07 0.39 0.00	20.15 0.44 0.00	19.86 0.39 0.00	20.23 0.38 0.00	20.02 0.42 0.00	18.80 0.43 0.00	18.27 0.36 0.00	18.40 0.45 0.00	18.36 0.42 0.00	18.16 0.48 0.00	19.61 0.54 0.00	22.85 0.81 0.00	22.95 1.02 0.00	29.65 0.99 0.00	46.28 0.71 0.00	28.39 0.53 0.00	20.51 0.36 0.00	20.35 0.18 0.00
GOLAH___69_KV_TB 1_2 80279	22.25 -0.73 0.00	21.38 -0.68 0.00	19.31 -0.66 0.00	19.13 -0.72 0.00	18.84 -0.65 0.00	18.24 -0.68 0.00	18.78 -0.90 0.00	18.72 -0.99 0.00	18.56 -0.91 0.00	19.02 -0.83 0.00	18.81 -0.79 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.28 -0.67 0.00	17.33 -0.61 0.00	17.15 -0.53 0.00	18.36 -0.71 0.00	21.15 -0.89 0.00	21.16 -0.77 0.00	27.43 -1.23 0.00	43.27 -2.30 0.00	26.49 -1.36 0.00	19.23 -0.92 0.00	19.38 -0.79 0.00
GOODYEAR_LAKE_HYD 323669	23.58 0.60 0.00	22.62 0.56 0.00	20.44 0.47 0.00	20.31 0.47 0.00	19.97 0.48 0.00	19.38 0.45 0.00	20.14 0.47 0.00	20.21 0.49 0.00	19.98 0.51 0.00	20.38 0.53 0.00	20.14 0.54 0.00	18.91 0.55 0.00	18.45 0.53 0.00	18.53 0.58 0.00	18.54 0.60 0.00	18.31 0.63 0.00	19.76 0.69 0.00	22.94 0.90 0.00	22.91 0.98 0.00	29.83 1.17 0.00	47.12 1.54 0.00	28.79 0.93 0.00	20.79 0.63 0.00	20.74 0.56 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	22.77 -0.21 0.00	21.86 -0.20 0.00	19.71 -0.26 0.00	19.60 -0.24 0.00	19.28 -0.21 0.00	18.73 -0.19 0.00	19.43 -0.25 0.00	19.51 -0.20 0.00	19.19 -0.28 0.00	19.60 -0.26 0.00	19.39 -0.21 0.00	18.19 -0.17 0.00	17.74 -0.17 0.00	17.76 -0.20 0.00	17.79 -0.15 0.00	17.60 -0.08 0.00	18.93 -0.14 0.00	21.95 -0.09 0.00	21.90 -0.03 0.00	28.57 -0.10 0.00	45.09 -0.49 0.00	27.56 -0.30 0.00	19.95 -0.21 0.00	19.91 -0.26 0.00
GOUDEY___7 23579	22.79 -0.19 0.00	21.88 -0.18 0.00	19.72 -0.24 0.00	19.61 -0.22 0.00	19.29 -0.20 0.00	18.75 -0.18 0.00	19.44 -0.24 0.00	19.53 -0.19 0.00	19.21 -0.26 0.00	19.61 -0.24 0.00	19.41 -0.19 0.00	18.21 -0.15 0.00	17.76 -0.16 0.00	17.77 -0.18 0.00	17.81 -0.13 0.00	17.62 -0.07 0.00	18.95 -0.12 0.00	21.97 -0.07 0.00	21.92 -0.01 0.00	28.59 -0.07 0.00	45.12 -0.46 0.00	27.58 -0.28 0.00	19.96 -0.19 0.00	19.92 -0.25 0.00
GOUDEY___8 23580	22.77 -0.21 0.00	21.86 -0.20 0.00	19.71 -0.26 0.00	19.60 -0.24 0.00	19.28 -0.21 0.00	18.73 -0.19 0.00	19.43 -0.25 0.00	19.51 -0.20 0.00	19.19 -0.28 0.00	19.60 -0.26 0.00	19.39 -0.21 0.00	18.19 -0.17 0.00	17.74 -0.17 0.00	17.76 -0.20 0.00	17.79 -0.15 0.00	17.60 -0.08 0.00	18.93 -0.14 0.00	21.95 -0.09 0.00	21.90 -0.03 0.00	28.57 -0.10 0.00	45.09 -0.49 0.00	27.56 -0.30 0.00	19.95 -0.21 0.00	19.91 -0.26 0.00
GOWANUS_GT1_1 24077	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 -0.44 0.00
GOWANUS_GT1_2 24078	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 -0.44 0.00
GOWANUS_GT1_3 24079	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 -0.44 0.00
GOWANUS_GT1_4 24080	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 -0.44 0.00
GOWANUS_GT1_5 24084	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00																		

GOWANUS_GT4_4 24133	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GOWANUS_GT4_5 24134	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GOWANUS_GT4_6 24135	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GOWANUS_GT4_7 24136	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GOWANUS_GT4_8 24137	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GREENBSH_115KV_TB3 55895	23.20 0.22 0.00	22.25 0.19 0.00	20.18 0.21 0.00	20.07 0.23 0.00	19.71 0.22 0.00	19.10 0.18 0.00	19.90 0.22 0.00	19.92 0.21 0.00	19.68 0.21 0.00	20.10 0.25 0.00	19.79 0.20 0.00	18.55 0.18 0.00	18.12 0.20 0.00	18.24 0.28 0.00	18.23 0.28 0.00	17.96 0.28 0.00	19.34 0.27 0.00	22.46 0.43 0.00	22.47 0.53 0.00	29.20 0.54 0.00	46.04 0.46 0.00	28.10 0.24 0.00	20.35 0.20 0.00	20.34 0.17 0.00
GREENDGE_115KV_TB5 80291	22.75 -0.23 0.00	21.84 -0.22 0.00	19.68 -0.28 0.00	19.55 -0.29 0.00	19.24 -0.25 0.00	18.71 -0.21 0.00	19.39 -0.29 0.00	19.50 -0.22 0.00	19.21 -0.26 0.00	19.63 -0.23 0.00	19.40 -0.19 0.00	18.19 -0.18 0.00	17.69 -0.22 0.00	17.65 -0.30 0.00	17.72 -0.23 0.00	17.55 -0.13 0.00	18.93 -0.14 0.00	21.96 -0.07 0.00	21.96 0.03 0.00	28.54 -0.12 0.00	44.76 -0.82 0.00	27.46 -0.40 0.00	19.83 -0.32 0.00	19.78 -0.40 0.00
GREENIDGE___3 23582	22.75 -0.23 0.00	21.84 -0.22 0.00	19.68 -0.28 0.00	19.55 -0.29 0.00	19.24 -0.25 0.00	18.71 -0.21 0.00	19.39 -0.29 0.00	19.50 -0.22 0.00	19.21 -0.26 0.00	19.63 -0.23 0.00	19.40 -0.19 0.00	18.19 -0.18 0.00	17.69 -0.22 0.00	17.65 -0.30 0.00	17.72 -0.23 0.00	17.55 -0.13 0.00	18.93 -0.14 0.00	21.96 -0.07 0.00	21.96 0.03 0.00	28.54 -0.12 0.00	44.76 -0.82 0.00	27.46 -0.40 0.00	19.83 -0.32 0.00	19.78 -0.40 0.00
GREENIDGE___4 23583	22.75 -0.23 0.00	21.84 -0.22 0.00	19.68 -0.28 0.00	19.56 -0.28 0.00	19.24 -0.25 0.00	18.71 -0.21 0.00	19.39 -0.29 0.00	19.50 -0.22 0.00	19.20 -0.27 0.00	19.63 -0.23 0.00	19.41 -0.19 0.00	18.19 -0.18 0.00	17.69 -0.22 0.00	17.65 -0.30 0.00	17.72 -0.23 0.00	17.55 -0.13 0.00	18.93 -0.14 0.00	21.97 -0.07 0.00	21.96 0.03 0.00	28.54 -0.12 0.00	44.76 -0.81 0.00	27.46 -0.40 0.00	19.83 -0.32 0.00	19.78 -0.40 0.00
GREENLWN_69_KV_BK 3 55738	23.65 0.67 0.00	22.68 0.61 0.00	20.48 0.51 0.00	20.29 0.45 0.00	19.95 0.45 0.00	19.37 0.44 0.00	20.20 0.52 0.00	20.23 0.51 0.00	19.93 0.47 0.00	20.31 0.45 0.00	20.17 0.57 0.00	18.95 0.58 0.00	18.45 0.53 0.00	18.56 0.61 0.00	18.52 0.58 0.00	18.34 0.66 0.00	19.79 0.72 0.00	23.13 1.09 0.00	23.28 1.34 0.00	30.11 1.45 0.00	46.79 1.22 0.00	28.70 0.84 0.00	20.84 0.69 0.00	20.73 0.56 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00
GRISSOM___SOLAR 323813	24.94 1.97 0.00	23.88 1.82 0.00	21.59 1.63 0.00	21.40 1.56 0.00	21.04 1.55 0.00	20.43 1.51 0.00	21.27 1.59 0.00	21.31 1.60 0.00	21.01 1.55 0.00	21.32 1.46 0.00	20.86 1.26 0.00	19.63 1.27 0.00	19.22 1.30 0.00	19.39 1.44 0.00	19.44 1.50 0.00	19.20 1.52 0.00	20.95 1.88 0.00	24.40 2.36 0.00	24.43 2.50 0.00	31.87 3.21 0.00	50.26 4.68 0.00	30.64 2.78 0.00	22.04 1.89 0.00	21.97 1.79 0.00
GROVEVILLE___HYD 323602	23.68 0.70 0.00	22.68 0.62 0.00	20.50 0.54 0.00	20.35 0.51 0.00	20.00 0.51 0.00	19.45 0.52 0.00	20.28 0.59 0.00	20.34 0.62 0.00	20.05 0.58 0.00	20.42 0.56 0.00	20.19 0.59 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.58 0.00	18.52 0.58 0.00	18.31 0.63 0.00	19.80 0.73 0.00	23.11 1.07 0.00	23.18 1.25 0.00	30.05 1.39 0.00	47.11 1.53 0.00	28.82 0.96 0.00	20.81 0.66 0.00	20.69 0.51 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	22.55 -0.42 0.00	21.67 -0.39 0.00	19.56 -0.41 0.00	19.42 -0.42 0.00	19.11 -0.38 0.00	18.56 -0.37 0.00	19.27 -0.42 0.00	19.33 -0.38 0.00	19.07 -0.40 0.00	19.40 -0.46 0.00	19.19 -0.41 0.00	18.04 -0.33 0.00	17.60 -0.31 0.00	17.60 -0.35 0.00	17.62 -0.32 0.00	17.40 -0.28 0.00	18.72 -0.35 0.00	21.71 -0.33 0.00	21.67 -0.25 0.00	28.34 -0.32 0.00	45.04 -0.54 0.00	27.51 -0.35 0.00	19.89 -0.26 0.00	19.97 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.44 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.58 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.40 0.00	46.30 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00
HARDSCRABBLE_WT_PWR 323673	22.72 -0.25 0.00	21.77 -0.28 0.00	19.74 -0.23 0.00	19.55 -0.29 0.00	19.17 -0.32 0.00	18.62 -0.30 0.00	19.40 -0.28 0.00	19.47 -0.24 0.00	19.28 -0.19 0.00	19.69 -0.17 0.00	19.37 -0.22 0.00	18.13 -0.24 0.00	17.62 -0.30 0.00	17.79 -0.17 0.00	17.77 -0.17 0.00	17.58 -0.11 0.00	19.01 -0.06 0.00	22.15 0.11 0.00	22.21 0.28 0.00	28.86 0.20 0.00	45.45 -0.12 0.00	27.64 -0.22 0.00	19.92 -0.23 0.00	19.73 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.58 0.61 0.00	22.60 0.55 0.00	20.42 0.45 0.00	20.25 0.41 0.00	19.91 0.41 0.00	19.37 0.44 0.00	20.19 0.51 0.00	20.25 0.54 0.00	19.95 0.48 0.00	20.32 0.46 0.00	20.09 0.50 0.00	18.86 0.49 0.00	18.35 0.43 0.00	18.46 0.51 0.00	18.45 0.51 0.00	18.25 0.56 0.00	19.72 0.66 0.00	23.00 0.96 0.00	23.07 1.14 0.00	29.89 1.22 0.00	46.87 1.30 0.00	28.70 0.84 0.00	20.74 0.58 0.00	20.60 0.43 0.00
HARSNRAD_115KV_TB1 81005	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.11 0.00	18.65 -1.19 0.00	18.39 -1.11 0.00	17.77 -1.16 0.00	18.17 -1.52 0.00	18.00 -1.71 0.00	17.87 -1.60 0.00	18.39 -1.47 0.00	18.18 -1.41 0.00	17.25 -1.12 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.03 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.30 -1.63 0.00	26.17 -2.49 0.00	41.08 -4.50 0.00	25.26 -2.61 0.00	18.42 -1.73 0.00	18.64 -1.53 0.00
HARZA MOOSE___RIVER 24016	23.36 0.39 0.00	22.41 0.36 0.00	20.27 0.30 0.00	20.14 0.30 0.00	19.77 0.28 0.00	19.22 0.29 0.00	19.99 0.31 0.00	20.06 0.35 0.00	19.85 0.38 0.00	20.26 0.41 0.00	19.98 0.38 0.00	18.71 0.34 0.00	18.25 0.33 0.00	18.24 0.28 0.00	18.24 0.30 0.00	18.02 0.34 0.00	19.47 0.41 0.00	22.56 0.52 0.00	22.51 0.58 0.00	29.40 0.74 0.00	46.57 0.99 0.00	28.39 0.53 0.00	20.46 0.31 0.00	20.44 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.37 -0.61 0.00	21.47 -0.59 0.00	19.41 -0.55 0.00	19.28 -0.56 0.00	18.97 -0.52 0.00	18.42 -0.50 0.00	19.12 -0.56 0.00	19.15 -0.55 0.00	18.88 -0.59 0.00	19.23 -0.62 0.00	19.01 -0.59 0.00	17.87 -0.49 0.00	17.45 -0.47 0.00	17.46 -0.47 0.00	17.47 -0.47 0.00	17.23 -0.45 0.00	18.55 -0.52 0.00	21.48 -0.56 0.00	21.48 -0.45 0.00	28.09 -0.57 0.00	44.65 -0.93 0.00	27.27 -0.59 0.00	19.73 -0.42 0.00	19.82 -0.35 0.00
HELLGATE_13_KV_LD 55870	23.50 0.52 0.00	22.52 0.46 0.00	20.37 0.41 0.00	20.20 0.36 0.00	19.85 0.36 0.00	19.33 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.11 0.52 0.00	18.87 0.50 0.00	18.34 0.43 0.00	18.47 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.67 0.60 0.00	22.92 0.89 0.00	23.03 1.11 0.00	29.77 1.11 0.00	46.49 0.92 0.00	28.57 0.71 0.00	20.63 0.48 0.00	20.47 0.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.50 0.52 0.00	22.52 0.46 0.00	20.37 0.41 0.00	20.20 0.36 0.00	19.85 0.36 0.00	19.33 0.40 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.31 0.45 0.00	20.11 0.52 0.00	18.87 0.50 0.00	18.34 0.43 0.00	18.47 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.67 0.60 0.00	22.92 0.89 0.00	23.03 1.11 0.00	29.77 1.11 0.00	46.49 0.92 0.00	28.57 0.71 0.00	20.63 0.48 0.00	20.47 0.30 0.00
HEMPSTEAD___ 23647	23.76 0.79 0.00	22.77 0.71 0.00	20.56 0.59 0.00	20.37 0.53 0.00	20.03 0.53 0.00	19.47 0.54 0.00	20.29 0.61 0.00	20.33 0.61 0.00	20.04 0.57 0.00	20.41 0.55 0.00	20.25 0.66 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.61 0.67 0.00	18.43 0.75 0.00	19.88 0.81 0.00	23.23 1.19 0.00	23.37 1.44 0.00	30.23 1.57 0.00	47.03 1.46 0.00	28.86 1.00 0.00	20.94 0.79 0.00	20.81 0.63 0.00
HEWLETT__69_KV_BK3 55828	23.88 0.90 0.00	22.88 0.83 0.00	20.66 0.69 0.00	20.46 0.62 0.00	20.12 0.62 0.00	19.56 0.63 0.00	20.38 0.69 0.00	20.41 0.69 0.00	20.10 0.63 0.00	20.49 0.63 0.00	20.34 0.74 0.00	19.11 0.74 0.00	18.59 0.68 0.00	18.72 0.77 0.00	18.70 0.76 0.00	18.50 0.82 0.00	19.98 0.91 0.00	23.32 1.28 0.00	23.46 1.53 0.00	30.36 1.70 0.00	47.16 1.59 0.00	28.99 1.13 0.00	21.03 0.88 0.00	20.89 0.72 0.00
HICKLING___1 23621	22.85 -0.12 0.00	21.93 -0.13 0.00	19.70 -0.27 0.00	19.62 -0.22 0.00	19.31 -0.19 0.00	18.80 -0.12 0.00	19.47 -0.21 0.00	19.59 -0.12 0.00	19.20 -0.27 0.00	19.65 -0.21 0.00	19.47 -0.13 0.00	18.23 -0.14 0.00	17.75 -0.16 0.00	17.74 -0.21 0.00	17.82 -0.12 0.00	17.67 -0.02 0.00	19.01 -0.06 0.00	22.05 0.01 0.00	21.97 0.04 0.00	28.63 -0.03 0.00	44.95 -0.63 0.00	27.46 -0.40 0.00	19.82 -0.33 0.00	19.66 -0.52 0.00
HICKLING___2 23622	22.85 -0.12 0.00	21.93 -0.13 0.00	19.70 -0.27 0.00	19.62 -0.22 0.00	19.31 -0.19 0.00	18.80 -0.12 0.00	19.47 -0.21 0.00	19.59 -0.12 0.00	19.20 -0.27 0.00	19.65 -0.21 0.00	19.47 -0.13 0.00	18.23 -0.14 0.00	17.75 -0.16 0.00	17.74 -0.21 0.00	17.82 -0.12 0.00	17.67 -0.02 0.00	19.01 -0.06 0.00	22.05 0.01 0.00	21.97 0.04 0.00	28.63 -0.03 0.00	44.95 -0.63 0.00	27.46 -0.40 0.00	19.82 -0.33 0.00	19.66 -0.52 0.00
HIGH FALLS___HY 23754	23.65 0.68 0.00	22.65 0.59 0.00	20.44 0.47 0.00	20.28 0.45 0.00	19.95 0.45 0.00	19.42 0.50 0.00	20.23 0.55 0.00	20.30 0.59 0.00	19.94 0.47 0.00	20.21 0.36 0.00	19.96 0.36 0.00	18.71 0.35 0.00	18.19 0.27 0.00	18.27 0.32 0.00	18.24 0.29 0.00	18.11 0.43 0.00	19.62 0.55 0.00	23.02 0.99 0.00	23.14 1.21 0.00	30.03 1.37 0.00	47.07 1.49 0.00	28.81 0.95 0.00	20.80 0.64 0.00	20.63 0.46 0.00
HILLBURN___GT 23639	23.56 0.59 0.00	22.58 0.52 0.00	20.40 0.44 0.00	20.21 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.18 0.50 0.00	20.24 0.53 0.00	19.94 0.47 0.00	20.31 0.46 0.00	20.09 0.50 0.00	18.86 0.50 0.00	18.35 0.43 0.00	18.47 0.51 0.00	18.45 0.50 0.00	18.24 0.56 0.00	19.69 0.62 0.00	22.97 0.93 0.00	23.05 1.12 0.00	29.84 1.18 0.00	46.78 1.20 0.00	28.66 0.80 0.00	20.72 0.56 0.00	20.57 0.40 0.00
HILLSIDE_115KV_TB1 80332	22.50 -0.48 0.00	21.61 -0.45 0.00	19.40 -0.56 0.00	19.33 -0.51 0.00	19.02 -0.48 0.00	18.51 -0.41 0.00	19.17 -0.51 0.00	19.31 -0.40 0.00	18.90 -0.56 0.00	19.33 -0.52 0.00	19.15 -0.44 0.00	17.94 -0.42 0.00	17.48 -0.44 0.00	17.47 -0.48 0.00	17.55 -0.39 0.00	17.39 -0.29 0.00	18.70 -0.37 0.00	21.70 -0.34 0.00	21.60 -0.33 0.00	28.19 -0.48 0.00	44.30 -1.27 0.00	27.10 -0.76 0.00	19.60 -0.55 0.00	19.47 -0.71 0.00

HISHELDN_WT_PWR 323625	21.98 -0.99 0.00	21.15 -0.91 0.00	19.08 -0.89 0.00	18.88 -0.96 0.00	18.60 -0.89 0.00	17.99 -0.93 0.00	18.41 -1.27 0.00	18.29 -1.42 0.00	18.09 -1.37 0.00	18.64 -1.22 0.00	18.47 -1.13 0.00	17.48 -0.89 0.00	17.14 -0.77 0.00	16.97 -0.98 0.00	17.02 -0.92 0.00	16.86 -0.82 0.00	17.98 -1.09 0.00	20.61 -1.43 0.00	20.56 -1.37 0.00	26.48 -2.19 0.00	41.53 -4.05 0.00	25.42 -2.43 0.00	18.46 -1.69 0.00	18.66 -1.51 0.00
HOLTSVILLE_IC_1 23690	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
HOLTSVILLE_IC_10 23699	23.77 0.79 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.61 0.67 0.00	18.45 0.76 0.00	19.92 0.85 0.00	23.30 1.26 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.19 1.61 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.89 0.71 0.00
HOLTSVILLE_IC_2 23691	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
HOLTSVILLE_IC_3 23692	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
HOLTSVILLE_IC_4 23693	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
HOLTSVILLE_IC_5 23694	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
HOLTSVILLE_IC_6 23695	23.77 0.79 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.61 0.67 0.00	18.45 0.76 0.00	19.92 0.85 0.00	23.30 1.26 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.19 1.61 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.89 0.71 0.00
HOLTSVILLE_IC_7 23696	23.77 0.79 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.61 0.67 0.00	18.45 0.76 0.00	19.92 0.85 0.00	23.30 1.26 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.19 1.61 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.89 0.71 0.00
HOLTSVILLE_IC_8 23697	23.77 0.79 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.61 0.67 0.00	18.45 0.76 0.00	19.92 0.85 0.00	23.30 1.26 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.19 1.61 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.89 0.71 0.00
HOLTSVILLE_IC_9 23698	23.77 0.79 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.07 0.60 0.00	20.44 0.58 0.00	20.29 0.69 0.00	19.07 0.70 0.00	18.56 0.64 0.00	18.68 0.72 0.00	18.61 0.67 0.00	18.45 0.76 0.00	19.92 0.85 0.00	23.30 1.26 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.19 1.61 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.89 0.71 0.00
HOMER_HL_115KV_TB2 355744	22.86 -0.12 0.00	22.00 -0.06 0.00	19.79 -0.18 0.00	19.59 -0.25 0.00	19.32 -0.17 0.00	18.67 -0.26 0.00	19.13 -0.55 0.00	19.08 -0.63 0.00	18.83 -0.64 0.00	19.42 -0.44 0.00	19.40 -0.20 0.00	18.34 -0.02 0.00	17.90 -0.01 0.00	17.80 -0.15 0.00	17.86 -0.08 0.00	17.64 -0.05 0.00	18.75 -0.32 0.00	21.53 -0.51 0.00	21.43 -0.49 0.00	27.69 -0.97 0.00	43.52 -2.06 0.00	26.70 -1.16 0.00	19.49 -0.66 0.00	19.56 -0.61 0.00
HOWARD_WT_PWR 323690	23.14 0.16 0.00	22.20 0.14 0.00	19.95 -0.01 0.00	19.86 0.02 0.00	19.56 0.07 0.00	19.04 0.12 0.00	19.75 0.07 0.00	19.91 0.20 0.00	19.54 0.07 0.00	19.99 0.14 0.00	19.77 0.18 0.00	18.50 0.13 0.00	17.98 0.06 0.00	17.97 0.01 0.00	18.05 0.11 0.00	17.88 0.20 0.00	19.29 0.22 0.00	22.41 0.37 0.00	22.41 0.48 0.00	29.14 0.48 0.00	45.51 -0.07 0.00	27.54 -0.32 0.00	19.77 -0.39 0.00	19.57 -0.61 0.00
HQ_GEN_CEDARS 23644	23.85 0.87 0.00	22.94 0.87 0.00	20.77 0.81 0.00	20.65 0.80 0.00	20.22 0.73 0.00	19.67 0.75 0.00	20.46 0.78 0.00	20.46 0.74 0.00	20.29 0.82 0.00	20.73 0.88 0.00	20.43 0.84 0.00	19.07 0.70 0.00	18.60 0.68 0.00	18.55 0.60 0.00	18.50 0.56 0.00	18.20 0.52 0.00	19.64 0.57 0.00	22.36 0.33 0.00	22.07 0.14 0.00	28.99 0.33 0.00	46.45 0.88 0.00	28.45 0.59 0.00	20.69 0.54 0.00	20.72 0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	23.85 0.87 0.00	22.93 0.88 0.00	20.77 0.81 0.00	20.65 0.80 0.00	20.22 0.74 0.00	19.67 0.75 0.00	20.46 0.78 0.00	20.46 0.74 0.00	20.29 0.82 0.00	20.73 0.88 0.00	20.43 0.83 0.00	19.07 0.70 0.00	18.60 0.68 0.00	18.55 0.59 0.00	18.50 0.56 0.00	18.20 0.52 0.00	19.64 0.57 0.00	22.36 0.33 0.00	22.07 0.14 0.00	28.99 0.33 0.00	45.11 0.88 1.34	28.45 0.59 0.00	20.69 0.54 0.00	20.72 0.54 0.00

HQ_GEN_IMPORT 323601	23.32 0.34 0.00	22.41 0.35 0.00	20.29 0.33 0.00	20.17 0.33 0.00	19.79 0.30 0.00	19.60 0.30 -0.37	20.05 0.31 -0.06	20.01 0.30 0.00	19.79 0.33 0.00	20.21 0.36 0.00	19.93 0.34 0.00	18.64 0.28 0.00	18.58 0.27 -0.39	18.18 0.23 0.00	18.16 0.22 0.00	17.88 0.19 0.00	19.30 0.23 0.00	22.05 0.12 0.10	21.88 -0.05 0.00	28.70 0.04 0.00	46.38 0.37 -0.44	28.12 0.26 0.00	20.34 0.19 0.00	20.38 0.20 0.00
HQ_GEN_WHEEL 23651	23.32 0.34 0.00	22.41 0.35 0.00	20.29 0.33 0.00	20.17 0.33 0.00	19.79 0.30 0.00	19.60 0.30 -0.37	20.05 0.31 -0.06	20.01 0.30 0.00	19.79 0.33 0.00	20.21 0.36 0.00	19.93 0.34 0.00	18.64 0.28 0.00	18.58 0.27 -0.39	18.18 0.23 0.00	18.16 0.22 0.00	17.88 0.19 0.00	19.30 0.23 0.00	22.05 0.12 0.10	21.88 -0.05 0.00	28.70 0.04 0.00	46.38 0.37 -0.44	28.12 0.26 0.00	20.34 0.19 0.00	20.38 0.20 0.00
HUDSON AVE_GT_3 23810	23.54 0.56 0.00	22.58 0.52 0.00	20.42 0.45 0.00	20.24 0.40 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.19 0.51 0.00	20.27 0.56 0.00	19.98 0.51 0.00	20.37 0.51 0.00	20.15 0.56 0.00	18.91 0.55 0.00	18.39 0.48 0.00	18.52 0.56 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.74 0.67 0.00	23.00 0.97 0.00	23.11 1.18 0.00	29.86 1.20 0.00	46.63 1.05 0.00	28.61 0.75 0.00	20.68 0.52 0.00	20.52 0.34 0.00
HUDSON AVE_GT_4 23540	23.54 0.56 0.00	22.58 0.52 0.00	20.42 0.45 0.00	20.24 0.40 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.19 0.51 0.00	20.27 0.56 0.00	19.98 0.51 0.00	20.37 0.51 0.00	20.15 0.56 0.00	18.91 0.55 0.00	18.39 0.48 0.00	18.52 0.56 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.74 0.67 0.00	23.00 0.97 0.00	23.11 1.18 0.00	29.86 1.20 0.00	46.63 1.05 0.00	28.61 0.75 0.00	20.68 0.52 0.00	20.52 0.34 0.00
HUDSON AVE_GT_5 23657	23.54 0.56 0.00	22.58 0.52 0.00	20.42 0.45 0.00	20.24 0.40 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.19 0.51 0.00	20.27 0.56 0.00	19.98 0.51 0.00	20.37 0.51 0.00	20.15 0.56 0.00	18.91 0.55 0.00	18.39 0.48 0.00	18.52 0.56 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.74 0.67 0.00	23.00 0.97 0.00	23.11 1.18 0.00	29.86 1.20 0.00	46.63 1.05 0.00	28.61 0.75 0.00	20.68 0.52 0.00	20.52 0.34 0.00
HUDSON_AVE_10 24168	23.49 0.51 0.00	22.53 0.47 0.00	20.38 0.42 0.00	20.20 0.37 0.00	19.86 0.37 0.00	19.34 0.41 0.00	20.16 0.48 0.00	20.24 0.53 0.00	19.95 0.48 0.00	20.33 0.48 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.34 0.42 0.00	18.47 0.52 0.00	18.44 0.50 0.00	18.24 0.56 0.00	19.69 0.62 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.77 1.11 0.00	46.49 0.92 0.00	28.54 0.68 0.00	20.61 0.46 0.00	20.45 0.28 0.00
HUDSON___115KV_TB 4 355613	23.66 0.68 0.00	22.69 0.64 0.00	20.57 0.60 0.00	20.46 0.62 0.00	20.09 0.60 0.00	19.47 0.55 0.00	20.29 0.60 0.00	20.32 0.60 0.00	20.05 0.58 0.00	20.46 0.61 0.00	20.12 0.53 0.00	18.85 0.48 0.00	18.42 0.50 0.00	18.53 0.58 0.00	18.52 0.58 0.00	18.28 0.60 0.00	19.72 0.65 0.00	22.98 0.94 0.00	22.99 1.06 0.00	29.84 1.18 0.00	47.07 1.50 0.00	28.68 0.82 0.00	20.73 0.57 0.00	20.71 0.53 0.00
HUNTER MOUNT___DRP 323613	23.82 0.84 0.00	22.84 0.78 0.00	20.71 0.74 0.00	20.61 0.77 0.00	20.23 0.74 0.00	19.60 0.68 0.00	20.42 0.74 0.00	20.46 0.74 0.00	20.19 0.72 0.00	20.61 0.75 0.00	20.25 0.65 0.00	18.97 0.60 0.00	18.55 0.63 0.00	18.68 0.72 0.00	18.66 0.72 0.00	18.42 0.73 0.00	19.89 0.82 0.00	23.16 1.13 0.00	23.17 1.24 0.00	30.08 1.42 0.00	47.47 1.89 0.00	28.89 1.03 0.00	20.87 0.71 0.00	20.85 0.67 0.00
HUNTINGTON_RES_REC 323705	23.72 0.74 0.00	22.74 0.68 0.00	20.54 0.57 0.00	20.34 0.50 0.00	19.99 0.50 0.00	19.42 0.49 0.00	20.24 0.56 0.00	20.28 0.56 0.00	20.00 0.53 0.00	20.36 0.50 0.00	20.21 0.61 0.00	18.99 0.63 0.00	18.49 0.57 0.00	18.60 0.64 0.00	18.55 0.61 0.00	18.39 0.71 0.00	19.86 0.79 0.00	23.23 1.19 0.00	23.41 1.48 0.00	30.27 1.62 0.00	47.02 1.45 0.00	28.82 0.96 0.00	20.92 0.77 0.00	20.81 0.64 0.00
HUNTLEY___63 23557	21.89 -1.08 0.00	21.07 -0.99 0.00	19.02 -0.95 0.00	18.81 -1.03 0.00	18.54 -0.95 0.00	17.93 -1.00 0.00	18.32 -1.35 0.00	18.17 -1.54 0.00	18.04 -1.43 0.00	18.56 -1.29 0.00	18.33 -1.26 0.00	17.37 -0.99 0.00	17.05 -0.87 0.00	16.89 -1.07 0.00	16.93 -1.01 0.00	16.77 -0.91 0.00	17.87 -1.20 0.00	20.47 -1.57 0.00	20.46 -1.47 0.00	26.38 -2.28 0.00	41.43 -4.14 0.00	25.45 -2.41 0.00	18.56 -1.60 0.00	18.80 -1.37 0.00
HUNTLEY___64 23558	21.89 -1.08 0.00	21.07 -0.99 0.00	19.02 -0.95 0.00	18.81 -1.03 0.00	18.54 -0.95 0.00	17.93 -1.00 0.00	18.32 -1.35 0.00	18.17 -1.54 0.00	18.04 -1.43 0.00	18.56 -1.29 0.00	18.33 -1.26 0.00	17.37 -0.99 0.00	17.05 -0.87 0.00	16.89 -1.07 0.00	16.93 -1.01 0.00	16.77 -0.91 0.00	17.87 -1.20 0.00	20.47 -1.57 0.00	20.46 -1.47 0.00	26.38 -2.28 0.00	41.43 -4.14 0.00	25.45 -2.41 0.00	18.56 -1.60 0.00	18.80 -1.37 0.00
HUNTLEY___65 23559	21.89 -1.08 0.00	21.07 -0.99 0.00	19.02 -0.95 0.00	18.81 -1.03 0.00	18.54 -0.95 0.00	17.93 -1.00 0.00	18.32 -1.35 0.00	18.17 -1.54 0.00	18.04 -1.43 0.00	18.56 -1.29 0.00	18.33 -1.26 0.00	17.37 -0.99 0.00	17.05 -0.87 0.00	16.89 -1.07 0.00	16.93 -1.01 0.00	16.77 -0.91 0.00	17.87 -1.20 0.00	20.47 -1.57 0.00	20.46 -1.47 0.00	26.38 -2.28 0.00	41.43 -4.14 0.00	25.45 -2.41 0.00	18.56 -1.60 0.00	18.80 -1.37 0.00
HUNTLEY___66 23560	21.89 -1.08 0.00	21.07 -0.99 0.00	19.02 -0.95 0.00	18.81 -1.03 0.00	18.54 -0.95 0.00	17.93 -1.00 0.00	18.32 -1.35 0.00	18.17 -1.54 0.00	18.04 -1.43 0.00	18.56 -1.29 0.00	18.33 -1.26 0.00	17.37 -0.99 0.00	17.05 -0.87 0.00	16.89 -1.07 0.00	16.93 -1.01 0.00	16.77 -0.91 0.00	17.87 -1.20 0.00	20.47 -1.57 0.00	20.46 -1.47 0.00	26.38 -2.28 0.00	41.43 -4.14 0.00	25.45 -2.41 0.00	18.56 -1.60 0.00	18.80 -1.37 0.00
HUNTLEY___67 23561	21.82 -1.16 0.00	21.00 -1.06 0.00	18.95 -1.02 0.00	18.75 -1.09 0.00	18.48 -1.01 0.00	17.87 -1.06 0.00	18.28 -1.40 0.00	18.15 -1.56 0.00	17.99 -1.48 0.00	18.50 -1.36 0.00	18.31 -1.29 0.00	17.35 -1.02 0.00	17.02 -0.90 0.00	16.87 -1.09 0.00	16.91 -1.03 0.00	16.75 -0.93 0.00	17.84 -1.23 0.00	20.44 -1.60 0.00	20.41 -1.52 0.00	26.35 -2.32 0.00	41.37 -4.20 0.00	25.41 -2.45 0.00	18.52 -1.64 0.00	18.73 -1.44 0.00
HUNTLEY___68 23562	21.82 -1.16 0.00	21.00 -1.06 0.00	18.95 -1.02 0.00	18.75 -1.09 0.00	18.48 -1.01 0.00	17.87 -1.06 0.00	18.28 -1.40 0.00	18.15 -1.56 0.00	17.99 -1.48 0.00	18.50 -1.36 0.00	18.31 -1.29 0.00	17.35 -1.02 0.00	17.02 -0.90 0.00	16.87 -1.09 0.00	16.91 -1.03 0.00	16.75 -0.93 0.00	17.84 -1.23 0.00	20.44 -1.60 0.00	20.41 -1.52 0.00	26.35 -2.32 0.00	41.37 -4.20 0.00	25.41 -2.45 0.00	18.52 -1.64 0.00	18.73 -1.44 0.00

HYLAND___LFGE 323620	23.38 0.40 0.00	22.40 0.34 0.00	20.17 0.21 0.00	20.02 0.18 0.00	19.72 0.23 0.00	19.18 0.25 0.00	19.85 0.18 0.00	19.91 0.20 0.00	19.59 0.12 0.00	19.99 0.13 0.00	19.69 0.09 0.00	18.31 -0.05 0.00	17.80 -0.11 0.00	17.72 -0.23 0.00	17.89 -0.05 0.00	17.81 0.12 0.00	19.23 0.16 0.00	22.42 0.38 0.00	22.54 0.61 0.00	29.34 0.68 0.00	46.19 0.62 0.00	28.12 0.26 0.00	20.22 0.07 0.00	20.13 -0.05 0.00
INDECK___CORINTH 23802	23.43 0.45 0.00	22.40 0.34 0.00	20.29 0.33 0.00	20.21 0.37 0.00	19.84 0.35 0.00	19.27 0.34 0.00	20.11 0.43 0.00	20.17 0.46 0.00	20.04 0.57 0.00	20.49 0.63 0.00	20.16 0.56 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.42 0.47 0.00	18.46 0.52 0.00	18.24 0.55 0.00	19.67 0.60 0.00	23.01 0.97 0.00	23.01 1.08 0.00	29.86 1.20 0.00	46.90 1.32 0.00	28.50 0.64 0.00	20.48 0.33 0.00	20.44 0.27 0.00
INDECK___ILION 23567	22.89 -0.09 0.00	21.95 -0.11 0.00	19.87 -0.10 0.00	19.73 -0.10 0.00	19.38 -0.11 0.00	18.82 -0.11 0.00	19.60 -0.08 0.00	19.66 -0.06 0.00	19.41 -0.06 0.00	19.80 -0.06 0.00	19.52 -0.08 0.00	18.29 -0.08 0.00	17.80 -0.11 0.00	17.91 -0.05 0.00	17.89 -0.05 0.00	17.67 -0.01 0.00	19.08 0.01 0.00	22.18 0.14 0.00	22.18 0.25 0.00	28.89 0.23 0.00	45.64 0.06 0.00	27.82 -0.04 0.00	20.08 -0.07 0.00	20.00 -0.17 0.00
INDECK___OLEAN 23982	22.86 -0.12 0.00	22.00 -0.06 0.00	19.79 -0.18 0.00	19.59 -0.25 0.00	19.32 -0.17 0.00	18.67 -0.26 0.00	19.13 -0.56 0.00	19.08 -0.63 0.00	18.81 -0.65 0.00	19.42 -0.44 0.00	19.41 -0.19 0.00	18.34 -0.02 0.00	17.90 -0.01 0.00	17.80 -0.15 0.00	17.86 -0.08 0.00	17.63 -0.05 0.00	18.75 -0.32 0.00	21.54 -0.50 0.00	21.43 -0.49 0.00	27.70 -0.96 0.00	43.52 -2.06 0.00	26.70 -1.16 0.00	19.48 -0.67 0.00	19.56 -0.61 0.00
INDECK___OSWEGO 23783	22.15 -0.83 0.00	21.26 -0.80 0.00	19.23 -0.74 0.00	19.10 -0.74 0.00	18.79 -0.70 0.00	18.25 -0.68 0.00	18.94 -0.73 0.00	18.98 -0.73 0.00	18.71 -0.76 0.00	19.04 -0.81 0.00	18.82 -0.78 0.00	17.68 -0.68 0.00	17.26 -0.66 0.00	17.27 -0.68 0.00	17.28 -0.67 0.00	17.02 -0.66 0.00	18.34 -0.73 0.00	21.24 -0.79 0.00	21.24 -0.69 0.00	27.83 -0.83 0.00	44.31 -1.27 0.00	27.07 -0.79 0.00	19.59 -0.57 0.00	19.69 -0.49 0.00
INDECK___YERKES 23781	21.91 -1.07 0.00	21.09 -0.97 0.00	19.03 -0.94 0.00	18.83 -1.01 0.00	18.56 -0.93 0.00	17.94 -0.98 0.00	18.34 -1.34 0.00	18.19 -1.53 0.00	18.03 -1.44 0.00	18.58 -1.28 0.00	18.37 -1.23 0.00	17.39 -0.98 0.00	17.07 -0.85 0.00	16.90 -1.05 0.00	16.95 -1.00 0.00	16.79 -0.90 0.00	17.89 -1.18 0.00	20.50 -1.54 0.00	20.48 -1.45 0.00	26.40 -2.26 0.00	41.47 -4.10 0.00	25.47 -2.39 0.00	18.56 -1.59 0.00	18.82 -1.35 0.00
INDIAN POINT_GT_1 24139	23.50 0.52 0.00	22.52 0.46 0.00	20.35 0.39 0.00	20.18 0.34 0.00	19.84 0.35 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.18 0.47 0.00	19.89 0.43 0.00	20.27 0.42 0.00	20.05 0.45 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.47 0.00	18.40 0.46 0.00	18.20 0.52 0.00	19.64 0.58 0.00	22.91 0.88 0.00	23.00 1.07 0.00	29.77 1.11 0.00	46.64 1.06 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.51 0.34 0.00
INDIAN POINT_GT_2 23659	23.50 0.52 0.00	22.52 0.46 0.00	20.35 0.39 0.00	20.18 0.34 0.00	19.84 0.35 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.18 0.47 0.00	19.89 0.43 0.00	20.27 0.42 0.00	20.05 0.45 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.47 0.00	18.40 0.46 0.00	18.20 0.52 0.00	19.64 0.58 0.00	22.91 0.88 0.00	23.00 1.07 0.00	29.77 1.11 0.00	46.64 1.06 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.51 0.34 0.00
INDIAN POINT_GT_3 24019	23.50 0.52 0.00	22.52 0.46 0.00	20.35 0.39 0.00	20.18 0.34 0.00	19.84 0.35 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.18 0.47 0.00	19.89 0.43 0.00	20.27 0.42 0.00	20.05 0.45 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.47 0.00	18.40 0.46 0.00	18.20 0.52 0.00	19.64 0.58 0.00	22.91 0.88 0.00	23.00 1.07 0.00	29.77 1.11 0.00	46.64 1.06 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.51 0.34 0.00
INDIAN POINT___2 23530	23.49 0.51 0.00	22.52 0.46 0.00	20.34 0.38 0.00	20.16 0.32 0.00	19.83 0.34 0.00	19.29 0.37 0.00	20.12 0.44 0.00	20.18 0.47 0.00	19.89 0.43 0.00	20.26 0.41 0.00	20.04 0.44 0.00	18.81 0.44 0.00	18.30 0.38 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.51 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.61 1.03 0.00	28.56 0.70 0.00	20.65 0.50 0.00	20.51 0.33 0.00
INDIAN POINT___3 23531	23.49 0.51 0.00	22.52 0.46 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.37 0.00	20.12 0.44 0.00	20.18 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.47 0.00	18.40 0.46 0.00	18.19 0.51 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.61 1.03 0.00	28.56 0.70 0.00	20.65 0.50 0.00	20.51 0.34 0.00
INGHAM_C_115KV_TB7 356103	22.62 -0.36 0.00	21.66 -0.40 0.00	19.64 -0.33 0.00	19.49 -0.36 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.38 -0.31 0.00	19.46 -0.25 0.00	19.21 -0.26 0.00	19.60 -0.25 0.00	19.29 -0.30 0.00	18.05 -0.31 0.00	17.53 -0.39 0.00	17.70 -0.26 0.00	17.68 -0.26 0.00	17.50 -0.19 0.00	18.93 -0.13 0.00	22.10 0.06 0.00	22.19 0.26 0.00	28.82 0.16 0.00	45.29 -0.29 0.00	27.51 -0.35 0.00	19.81 -0.34 0.00	19.62 -0.56 0.00
IP CORINTH___1 23988	23.43 0.45 0.00	22.40 0.34 0.00	20.29 0.33 0.00	20.21 0.38 0.00	19.84 0.35 0.00	19.27 0.34 0.00	20.11 0.43 0.00	20.17 0.46 0.00	20.04 0.57 0.00	20.49 0.63 0.00	20.16 0.56 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.42 0.47 0.00	18.46 0.52 0.00	18.23 0.55 0.00	19.67 0.60 0.00	23.01 0.97 0.00	23.01 1.08 0.00	29.86 1.20 0.00	46.89 1.31 0.00	28.50 0.64 0.00	20.48 0.33 0.00	20.44 0.27 0.00
IP___TICONDEROGA 23804	24.00 1.02 0.00	22.96 0.91 0.00	20.84 0.88 0.00	20.84 0.99 0.00	20.45 0.96 0.00	19.88 0.96 0.00	20.79 1.12 0.00	20.94 1.23 0.00	20.96 1.49 0.00	21.46 1.61 0.00	21.10 1.51 0.00	19.71 1.35 0.00	19.02 1.10 0.00	19.10 1.14 0.00	19.11 1.17 0.00	18.99 1.30 0.00	20.44 1.38 0.00	24.13 2.10 0.00	24.11 2.18 0.00	31.14 2.48 0.00	48.33 2.75 0.00	29.24 1.38 0.00	20.96 0.80 0.00	20.87 0.69 0.00
ISLIP_RES_REC 323679	23.84 0.86 0.00	22.88 0.82 0.00	20.65 0.69 0.00	20.44 0.60 0.00	20.11 0.61 0.00	19.53 0.60 0.00	20.34 0.65 0.00	20.37 0.66 0.00	20.12 0.65 0.00	20.48 0.63 0.00	20.34 0.74 0.00	19.11 0.74 0.00	18.59 0.67 0.00	18.71 0.76 0.00	18.65 0.71 0.00	18.49 0.81 0.00	19.98 0.91 0.00	23.39 1.35 0.00	23.59 1.66 0.00	30.52 1.86 0.00	47.37 1.80 0.00	29.03 1.17 0.00	21.06 0.91 0.00	20.96 0.78 0.00

JAMAICA__27_KV_LOAD 355505	23.66 0.69 0.00	22.69 0.63 0.00	20.56 0.59 0.00	20.37 0.53 0.00	20.03 0.54 0.00	19.51 0.58 0.00	20.34 0.65 0.00	20.44 0.73 0.00	20.13 0.66 0.00	20.52 0.66 0.00	20.29 0.69 0.00	19.02 0.65 0.00	18.44 0.53 0.00	18.60 0.65 0.00	18.57 0.63 0.00	18.36 0.68 0.00	19.84 0.77 0.00	23.11 1.07 0.00	23.20 1.26 0.00	29.98 1.32 0.00	46.82 1.25 0.00	28.74 0.88 0.00	20.75 0.60 0.00	20.58 0.41 0.00
JANIS__SOLAR 323808	23.69 0.71 0.00	22.77 0.71 0.00	20.51 0.54 0.00	20.39 0.55 0.00	20.06 0.56 0.00	19.48 0.56 0.00	20.26 0.58 0.00	20.36 0.64 0.00	20.05 0.58 0.00	20.44 0.58 0.00	20.19 0.60 0.00	18.99 0.63 0.00	18.50 0.59 0.00	18.50 0.55 0.00	18.56 0.61 0.00	18.37 0.69 0.00	19.83 0.76 0.00	23.06 1.02 0.00	23.08 1.15 0.00	30.08 1.42 0.00	47.50 1.93 0.00	28.91 1.05 0.00	20.80 0.65 0.00	20.76 0.59 0.00
JARVIS____ 23743	22.96 -0.02 0.00	22.02 -0.03 0.00	19.94 -0.02 0.00	19.82 -0.02 0.00	19.47 -0.02 0.00	18.90 -0.02 0.00	19.66 -0.02 0.00	19.70 -0.01 0.00	19.45 -0.02 0.00	19.83 -0.02 0.00	19.58 -0.02 0.00	18.35 -0.02 0.00	17.90 -0.02 0.00	17.96 0.01 0.00	17.96 0.02 0.00	17.70 0.02 0.00	19.09 0.02 0.00	22.11 0.08 0.00	22.06 0.13 0.00	28.79 0.13 0.00	45.64 0.06 0.00	27.88 0.02 0.00	20.15 0.00 0.00	20.16 -0.02 0.00
JENNISON____1 23625	23.61 0.63 0.00	22.81 0.74 0.00	20.53 0.56 0.00	20.42 0.58 0.00	20.09 0.60 0.00	19.47 0.55 0.00	20.28 0.60 0.00	20.38 0.66 0.00	20.14 0.67 0.00	20.61 0.75 0.00	20.37 0.77 0.00	19.15 0.79 0.00	18.66 0.74 0.00	18.67 0.72 0.00	18.71 0.76 0.00	18.51 0.83 0.00	19.96 0.89 0.00	23.21 1.17 0.00	23.22 1.29 0.00	30.22 1.56 0.00	47.62 2.05 0.00	29.00 1.14 0.00	20.89 0.74 0.00	20.81 0.63 0.00
JENNISON____2 23626	23.61 0.63 0.00	22.81 0.74 0.00	20.53 0.56 0.00	20.42 0.58 0.00	20.09 0.60 0.00	19.47 0.55 0.00	20.28 0.60 0.00	20.38 0.66 0.00	20.14 0.67 0.00	20.61 0.75 0.00	20.37 0.77 0.00	19.15 0.79 0.00	18.66 0.74 0.00	18.67 0.72 0.00	18.71 0.76 0.00	18.51 0.83 0.00	19.96 0.89 0.00	23.21 1.17 0.00	23.22 1.29 0.00	30.22 1.56 0.00	47.62 2.05 0.00	29.00 1.14 0.00	20.89 0.74 0.00	20.81 0.63 0.00
JERICOHO_RISE_WT_PWR 323719	24.20 1.22 0.00	23.28 1.22 0.00	21.11 1.15 0.00	20.98 1.14 0.00	20.54 1.05 0.00	19.91 0.99 0.00	20.71 1.03 0.00	20.71 1.01 0.00	20.52 1.06 0.00	20.97 1.12 0.00	20.65 1.05 0.00	19.28 0.91 0.00	18.77 0.86 0.00	18.76 0.81 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.90 0.83 0.00	22.81 0.77 0.00	22.39 0.46 0.00	29.46 0.80 0.00	47.11 1.53 0.00	28.83 0.97 0.00	20.98 0.83 0.00	20.99 0.82 0.00
KATONAH__115KV_46KV_TB4 355592	23.61 0.63 0.00	22.62 0.56 0.00	20.44 0.48 0.00	20.28 0.44 0.00	19.94 0.45 0.00	19.39 0.47 0.00	20.22 0.54 0.00	20.29 0.57 0.00	20.01 0.54 0.00	20.40 0.54 0.00	20.17 0.58 0.00	18.92 0.56 0.00	18.41 0.49 0.00	18.52 0.57 0.00	18.50 0.56 0.00	18.29 0.60 0.00	19.75 0.68 0.00	23.03 0.99 0.00	23.12 1.19 0.00	29.94 1.28 0.00	46.88 1.31 0.00	28.69 0.83 0.00	20.74 0.58 0.00	20.60 0.43 0.00
KCE_NY_1 323755	23.53 0.55 0.00	22.51 0.45 0.00	20.39 0.43 0.00	20.28 0.44 0.00	19.93 0.43 0.00	19.35 0.42 0.00	20.16 0.48 0.00	20.24 0.53 0.00	20.01 0.54 0.00	20.44 0.58 0.00	20.12 0.53 0.00	18.83 0.46 0.00	18.37 0.45 0.00	18.46 0.51 0.00	18.49 0.55 0.00	18.23 0.55 0.00	19.70 0.63 0.00	22.94 0.90 0.00	22.95 1.02 0.00	29.83 1.17 0.00	46.98 1.41 0.00	28.56 0.70 0.00	20.60 0.45 0.00	20.57 0.39 0.00
KCE_NY_6_ESR 323823	22.18 -0.79 0.00	21.34 -0.72 0.00	19.24 -0.73 0.00	19.04 -0.80 0.00	18.77 -0.73 0.00	18.16 -0.76 0.00	18.58 -1.10 0.00	18.46 -1.25 0.00	18.26 -1.21 0.00	18.81 -1.05 0.00	18.65 -0.95 0.00	17.64 -0.72 0.00	17.31 -0.61 0.00	17.14 -0.81 0.00	17.20 -0.74 0.00	17.03 -0.66 0.00	18.16 -0.91 0.00	20.82 -1.22 0.00	20.77 -1.15 0.00	26.83 -1.82 0.00	42.12 -3.45 0.00	25.83 -2.03 0.00	18.80 -1.35 0.00	18.99 -1.19 0.00
KEDC PORT_JEFF_GT2 24210	23.74 0.76 0.00	22.79 0.73 0.00	20.57 0.60 0.00	20.36 0.53 0.00	20.03 0.54 0.00	19.45 0.52 0.00	20.27 0.58 0.00	20.30 0.59 0.00	20.04 0.57 0.00	20.42 0.56 0.00	20.28 0.68 0.00	19.06 0.69 0.00	18.55 0.63 0.00	18.66 0.71 0.00	18.59 0.65 0.00	18.43 0.75 0.00	19.90 0.83 0.00	23.28 1.24 0.00	23.47 1.54 0.00	30.36 1.70 0.00	47.12 1.54 0.00	28.88 1.02 0.00	20.96 0.81 0.00	20.86 0.69 0.00
KEDC PORT_JEFF_GT3 24211	23.74 0.76 0.00	22.79 0.73 0.00	20.57 0.60 0.00	20.36 0.53 0.00	20.03 0.54 0.00	19.45 0.52 0.00	20.27 0.58 0.00	20.30 0.59 0.00	20.04 0.57 0.00	20.42 0.56 0.00	20.28 0.68 0.00	19.06 0.69 0.00	18.55 0.63 0.00	18.66 0.71 0.00	18.59 0.65 0.00	18.43 0.75 0.00	19.90 0.83 0.00	23.28 1.24 0.00	23.47 1.54 0.00	30.36 1.70 0.00	47.12 1.54 0.00	28.88 1.02 0.00	20.96 0.81 0.00	20.86 0.69 0.00
KEDC_GLWD_GT4 24219	23.90 0.92 0.00	22.89 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.14 0.65 0.00	19.58 0.65 0.00	20.41 0.72 0.00	20.45 0.73 0.00	20.16 0.68 0.00	20.53 0.67 0.00	20.37 0.77 0.00	19.13 0.77 0.00	18.62 0.70 0.00	18.74 0.78 0.00	18.72 0.77 0.00	18.54 0.85 0.00	20.01 0.94 0.00	23.37 1.33 0.00	23.51 1.58 0.00	30.42 1.76 0.00	47.34 1.76 0.00	29.03 1.17 0.00	21.05 0.90 0.00	20.91 0.74 0.00
KEDC_GLWD_GT5 24220	23.90 0.92 0.00	22.89 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.14 0.65 0.00	19.58 0.65 0.00	20.41 0.72 0.00	20.45 0.73 0.00	20.16 0.68 0.00	20.53 0.67 0.00	20.37 0.77 0.00	19.13 0.77 0.00	18.62 0.70 0.00	18.74 0.78 0.00	18.72 0.77 0.00	18.54 0.85 0.00	20.01 0.94 0.00	23.37 1.33 0.00	23.51 1.58 0.00	30.42 1.76 0.00	47.34 1.76 0.00	29.03 1.17 0.00	21.05 0.90 0.00	20.91 0.74 0.00
KENSICO____ 23655	23.53 0.55 0.00	22.54 0.49 0.00	20.38 0.41 0.00	20.20 0.37 0.00	19.86 0.37 0.00	19.33 0.40 0.00	20.15 0.47 0.00	20.21 0.50 0.00	19.92 0.46 0.00	20.30 0.45 0.00	20.08 0.49 0.00	18.85 0.48 0.00	18.34 0.42 0.00	18.46 0.51 0.00	18.44 0.50 0.00	18.23 0.55 0.00	19.68 0.61 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.82 1.16 0.00	46.68 1.11 0.00	28.60 0.74 0.00	20.68 0.52 0.00	20.54 0.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.69 0.72 0.00	22.68 0.61 0.00	20.47 0.50 0.00	20.32 0.48 0.00	19.98 0.49 0.00	19.44 0.52 0.00	20.25 0.57 0.00	20.32 0.61 0.00	19.96 0.49 0.00	20.25 0.40 0.00	19.98 0.39 0.00	18.74 0.37 0.00	18.22 0.30 0.00	18.31 0.35 0.00	18.28 0.34 0.00	18.15 0.46 0.00	19.64 0.57 0.00	23.05 1.02 0.00	23.15 1.22 0.00	30.06 1.40 0.00	47.15 1.57 0.00	28.84 0.98 0.00	20.82 0.67 0.00	20.66 0.48 0.00

KIAC_JFK_GT1 23816	23.59 0.62 0.00	22.62 0.56 0.00	20.49 0.53 0.00	20.31 0.47 0.00	19.98 0.49 0.00	19.46 0.53 0.00	20.27 0.59 0.00	20.37 0.66 0.00	20.07 0.60 0.00	20.45 0.60 0.00	20.23 0.63 0.00	18.97 0.60 0.00	18.39 0.48 0.00	18.55 0.59 0.00	18.52 0.58 0.00	18.31 0.63 0.00	19.78 0.71 0.00	23.03 1.00 0.00	23.11 1.19 0.00	29.87 1.21 0.00	46.68 1.10 0.00	28.64 0.78 0.00	20.68 0.53 0.00	20.52 0.35 0.00
KIAC_JFK_GT2 23817	23.59 0.62 0.00	22.62 0.56 0.00	20.49 0.53 0.00	20.31 0.47 0.00	19.98 0.49 0.00	19.46 0.53 0.00	20.27 0.59 0.00	20.37 0.66 0.00	20.07 0.60 0.00	20.45 0.60 0.00	20.23 0.63 0.00	18.97 0.60 0.00	18.39 0.48 0.00	18.55 0.59 0.00	18.52 0.58 0.00	18.31 0.63 0.00	19.78 0.71 0.00	23.03 1.00 0.00	23.11 1.19 0.00	29.87 1.21 0.00	46.68 1.10 0.00	28.64 0.78 0.00	20.68 0.53 0.00	20.52 0.35 0.00
KIAC_JFK____ 323774	23.59 0.61 0.00	22.62 0.56 0.00	20.49 0.53 0.00	20.31 0.47 0.00	19.98 0.49 0.00	19.45 0.53 0.00	20.28 0.59 0.00	20.38 0.66 0.00	20.08 0.61 0.00	20.46 0.60 0.00	20.23 0.63 0.00	18.97 0.60 0.00	18.39 0.48 0.00	18.54 0.59 0.00	18.52 0.58 0.00	18.31 0.63 0.00	19.78 0.70 0.00	23.03 1.00 0.00	23.11 1.19 0.00	29.87 1.21 0.00	46.68 1.10 0.00	28.64 0.78 0.00	20.68 0.53 0.00	20.52 0.35 0.00
KINTIGH____ 23543	21.68 -1.30 0.00	20.86 -1.20 0.00	18.83 -1.13 0.00	18.64 -1.20 0.00	18.37 -1.13 0.00	17.76 -1.17 0.00	18.22 -1.46 0.00	18.12 -1.59 0.00	17.95 -1.52 0.00	18.44 -1.41 0.00	18.25 -1.35 0.00	17.27 -1.09 0.00	16.93 -0.99 0.00	16.81 -1.14 0.00	16.84 -1.10 0.00	16.66 -1.02 0.00	17.77 -1.30 0.00	20.39 -1.65 0.00	20.38 -1.55 0.00	26.35 -2.31 0.00	41.50 -4.08 0.00	25.48 -2.38 0.00	18.56 -1.59 0.00	18.75 -1.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.55 1.57 0.00	23.61 1.55 0.00	21.42 1.45 0.00	21.28 1.44 0.00	20.82 1.34 0.00	20.16 1.24 0.00	20.97 1.29 0.00	20.99 1.28 0.00	20.79 1.32 0.00	21.24 1.39 0.00	20.91 1.31 0.00	19.53 1.17 0.00	19.01 1.09 0.00	19.00 1.05 0.00	18.91 0.96 0.00	18.61 0.93 0.00	20.17 1.10 0.00	23.15 1.11 0.00	22.70 0.77 0.00	29.87 1.21 0.00	47.70 2.13 0.00	29.17 1.31 0.00	21.28 1.13 0.00	21.28 1.11 0.00
LACHUTE____HYDRO 323717	24.00 1.02 0.00	22.96 0.91 0.00	20.84 0.88 0.00	20.83 0.99 0.00	20.45 0.96 0.00	19.88 0.96 0.00	20.79 1.12 0.00	20.94 1.23 0.00	20.96 1.49 0.00	21.46 1.61 0.00	21.11 1.51 0.00	19.71 1.35 0.00	19.02 1.10 0.00	19.10 1.14 0.00	19.11 1.17 0.00	18.99 1.30 0.00	20.44 1.38 0.00	24.13 2.10 0.00	24.11 2.18 0.00	31.13 2.47 0.00	48.33 2.76 0.00	29.24 1.38 0.00	20.95 0.80 0.00	20.86 0.69 0.00
LAWRNCV_115KV_TB1 80681	23.91 0.93 0.00	22.97 0.91 0.00	20.83 0.87 0.00	20.70 0.85 0.00	20.25 0.76 0.00	19.72 0.80 0.00	20.52 0.84 0.00	20.51 0.79 0.00	20.36 0.90 0.00	20.82 0.97 0.00	20.50 0.91 0.00	19.13 0.77 0.00	18.65 0.74 0.00	18.59 0.64 0.00	18.52 0.57 0.00	18.21 0.53 0.00	19.61 0.53 0.00	22.33 0.29 0.00	22.07 0.14 0.00	29.09 0.43 0.00	46.61 1.04 0.00	28.56 0.70 0.00	20.74 0.59 0.00	20.74 0.56 0.00
LEDERLE____ 23769	23.63 0.65 0.00	22.65 0.59 0.00	20.46 0.49 0.00	20.28 0.44 0.00	19.94 0.45 0.00	19.40 0.48 0.00	20.23 0.55 0.00	20.30 0.58 0.00	19.99 0.52 0.00	20.37 0.51 0.00	20.15 0.55 0.00	18.92 0.55 0.00	18.40 0.49 0.00	18.52 0.57 0.00	18.51 0.56 0.00	18.29 0.61 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.13 1.20 0.00	29.94 1.28 0.00	46.93 1.35 0.00	28.75 0.89 0.00	20.78 0.62 0.00	20.63 0.46 0.00
LIGHTHSE_115KV_TB6 355974	22.45 -0.53 0.00	21.53 -0.53 0.00	19.48 -0.49 0.00	19.34 -0.50 0.00	19.02 -0.48 0.00	18.47 -0.45 0.00	19.19 -0.50 0.00	19.24 -0.47 0.00	19.00 -0.47 0.00	19.37 -0.49 0.00	19.12 -0.47 0.00	17.95 -0.42 0.00	17.51 -0.41 0.00	17.49 -0.46 0.00	17.50 -0.44 0.00	17.30 -0.39 0.00	18.66 -0.41 0.00	21.59 -0.45 0.00	21.59 -0.34 0.00	28.26 -0.40 0.00	44.94 -0.64 0.00	27.41 -0.45 0.00	19.80 -0.35 0.00	19.85 -0.32 0.00
LINDEN COGEN____ 23786	23.37 0.39 0.00	22.43 0.37 0.00	20.28 0.32 0.00	20.10 0.26 0.00	19.76 0.27 0.00	19.24 0.32 0.00	20.07 0.39 0.00	20.14 0.43 0.00	19.85 0.39 0.00	20.22 0.37 0.00	20.01 0.41 0.00	18.79 0.42 0.00	18.27 0.35 0.00	18.39 0.44 0.00	18.35 0.41 0.00	18.16 0.48 0.00	19.59 0.52 0.00	22.84 0.80 0.00	22.94 1.01 0.00	29.63 0.97 0.00	46.25 0.67 0.00	28.37 0.51 0.00	20.51 0.36 0.00	20.34 0.17 0.00
LINDHRST_69_KV_BK1 356055	23.91 0.94 0.00	22.93 0.86 0.00	20.70 0.73 0.00	20.49 0.65 0.00	20.15 0.66 0.00	19.58 0.65 0.00	20.40 0.72 0.00	20.43 0.72 0.00	20.15 0.67 0.00	20.50 0.64 0.00	20.36 0.76 0.00	19.12 0.75 0.00	18.60 0.68 0.00	18.72 0.77 0.00	18.69 0.74 0.00	18.52 0.83 0.00	19.99 0.92 0.00	23.39 1.35 0.00	23.57 1.64 0.00	30.49 1.83 0.00	47.39 1.81 0.00	29.07 1.21 0.00	21.09 0.94 0.00	20.96 0.79 0.00
LIPA_MISC_IPP 23656	23.64 0.66 0.00	22.71 0.65 0.00	20.50 0.53 0.00	20.30 0.46 0.00	19.96 0.47 0.00	19.38 0.45 0.00	20.17 0.49 0.00	20.21 0.50 0.00	19.97 0.50 0.00	20.36 0.50 0.00	20.22 0.62 0.00	19.01 0.64 0.00	18.50 0.59 0.00	18.62 0.67 0.00	18.53 0.59 0.00	18.36 0.67 0.00	19.82 0.75 0.00	23.18 1.14 0.00	23.37 1.44 0.00	30.24 1.58 0.00	46.93 1.36 0.00	28.76 0.90 0.00	20.88 0.73 0.00	20.79 0.62 0.00
LISF__SOLAR 323691	23.67 0.69 0.00	22.74 0.68 0.00	20.52 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.20 0.52 0.00	20.23 0.52 0.00	20.00 0.53 0.00	20.38 0.52 0.00	20.22 0.62 0.00	19.01 0.64 0.00	18.50 0.58 0.00	18.62 0.67 0.00	18.53 0.59 0.00	18.37 0.69 0.00	19.84 0.77 0.00	23.21 1.17 0.00	23.41 1.49 0.00	30.28 1.62 0.00	47.01 1.44 0.00	28.80 0.94 0.00	20.91 0.75 0.00	20.82 0.64 0.00
LITTLE FALLS____HYD 24013	22.62 -0.36 0.00	21.66 -0.40 0.00	19.64 -0.33 0.00	19.49 -0.36 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.38 -0.31 0.00	19.46 -0.25 0.00	19.21 -0.26 0.00	19.60 -0.25 0.00	19.29 -0.30 0.00	18.05 -0.31 0.00	17.53 -0.39 0.00	17.70 -0.26 0.00	17.68 -0.26 0.00	17.50 -0.19 0.00	18.93 -0.13 0.00	22.10 0.06 0.00	22.19 0.26 0.00	28.82 0.16 0.00	45.29 -0.29 0.00	27.51 -0.35 0.00	19.81 -0.34 0.00	19.62 -0.56 0.00
LITTLRIV_115KV_TB1 356100	24.19 1.22 0.00	23.25 1.19 0.00	21.07 1.11 0.00	20.94 1.10 0.00	20.49 1.00 0.00	19.96 1.03 0.00	20.77 1.09 0.00	20.75 1.04 0.00	20.62 1.15 0.00	21.09 1.24 0.00	20.75 1.16 0.00	19.37 1.00 0.00	18.87 0.95 0.00	18.79 0.84 0.00	18.73 0.79 0.00	18.44 0.76 0.00	19.87 0.80 0.00	22.65 0.62 0.00	22.39 0.46 0.00	29.50 0.84 0.00	47.25 1.68 0.00	28.93 1.07 0.00	20.99 0.83 0.00	20.98 0.80 0.00

LI_NEWBRDGE___DRP 323616	23.60 0.62 0.00	22.62 0.56 0.00	20.43 0.47 0.00	20.24 0.41 0.00	19.90 0.41 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.20 0.49 0.00	19.91 0.44 0.00	20.29 0.43 0.00	20.13 0.53 0.00	18.91 0.55 0.00	18.39 0.48 0.00	18.52 0.57 0.00	18.48 0.54 0.00	18.29 0.61 0.00	19.74 0.67 0.00	23.06 1.02 0.00	23.19 1.26 0.00	30.01 1.35 0.00	46.71 1.13 0.00	28.66 0.80 0.00	20.79 0.63 0.00	20.66 0.49 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.10 0.00	18.65 -1.19 0.00	18.39 -1.10 0.00	17.77 -1.15 0.00	18.17 -1.51 0.00	18.00 -1.71 0.00	17.87 -1.59 0.00	18.39 -1.46 0.00	18.18 -1.41 0.00	17.25 -1.11 0.00	16.93 -0.98 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.03 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.31 -1.61 0.00	26.18 -2.48 0.00	41.12 -4.46 0.00	25.27 -2.59 0.00	18.43 -1.72 0.00	18.66 -1.52 0.00
LOCKPORT___CC1 323769	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.11 0.00	18.65 -1.19 0.00	18.39 -1.11 0.00	17.77 -1.15 0.00	18.16 -1.52 0.00	18.00 -1.71 0.00	17.85 -1.62 0.00	18.38 -1.47 0.00	18.20 -1.40 0.00	17.25 -1.12 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.04 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.30 -1.63 0.00	26.17 -2.49 0.00	41.08 -4.49 0.00	25.25 -2.61 0.00	18.41 -1.74 0.00	18.64 -1.53 0.00
LOCKPORT___CC2 323770	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.11 0.00	18.65 -1.19 0.00	18.39 -1.11 0.00	17.77 -1.15 0.00	18.16 -1.52 0.00	18.00 -1.71 0.00	17.85 -1.62 0.00	18.38 -1.47 0.00	18.20 -1.40 0.00	17.25 -1.12 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.04 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.30 -1.63 0.00	26.17 -2.49 0.00	41.08 -4.49 0.00	25.25 -2.61 0.00	18.41 -1.74 0.00	18.64 -1.53 0.00
LOCKPORT___CC3 323771	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.11 0.00	18.65 -1.19 0.00	18.39 -1.11 0.00	17.77 -1.15 0.00	18.16 -1.52 0.00	18.00 -1.71 0.00	17.85 -1.62 0.00	18.38 -1.47 0.00	18.20 -1.40 0.00	17.25 -1.12 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.04 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.30 -1.63 0.00	26.17 -2.49 0.00	41.08 -4.49 0.00	25.25 -2.61 0.00	18.41 -1.74 0.00	18.64 -1.53 0.00
LONG_LAKE_PHOENIX 24014	22.20 -0.78 0.00	21.30 -0.76 0.00	19.27 -0.70 0.00	19.14 -0.71 0.00	18.83 -0.67 0.00	18.29 -0.64 0.00	18.98 -0.69 0.00	19.01 -0.70 0.00	18.74 -0.73 0.00	19.08 -0.77 0.00	18.85 -0.74 0.00	17.72 -0.65 0.00	17.29 -0.62 0.00	17.31 -0.64 0.00	17.32 -0.63 0.00	17.08 -0.60 0.00	18.39 -0.68 0.00	21.30 -0.74 0.00	21.30 -0.63 0.00	27.89 -0.77 0.00	44.38 -1.20 0.00	27.10 -0.76 0.00	19.61 -0.55 0.00	19.71 -0.47 0.00
LOVETT___3 23632	23.51 0.53 0.00	22.53 0.47 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.50 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.64 1.07 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.52 0.34 0.00
LOVETT___4 23642	23.51 0.53 0.00	22.53 0.47 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.50 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.64 1.07 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.52 0.34 0.00
LOVETT___5 23593	23.51 0.53 0.00	22.53 0.47 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.50 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.64 1.07 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.52 0.34 0.00
LOWER RAQUET___HYD 24057	23.93 0.95 0.00	22.98 0.93 0.00	20.85 0.88 0.00	20.72 0.87 0.00	20.25 0.76 0.00	19.74 0.81 0.00	20.54 0.86 0.00	20.52 0.81 0.00	20.39 0.92 0.00	20.84 0.99 0.00	20.53 0.94 0.00	19.15 0.79 0.00	18.67 0.76 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.21 0.53 0.00	19.60 0.53 0.00	22.31 0.27 0.00	22.07 0.14 0.00	29.12 0.46 0.00	46.66 1.09 0.00	28.58 0.72 0.00	20.75 0.60 0.00	20.74 0.57 0.00
LOWER___HUDSON 24059	23.23 0.25 0.00	22.27 0.21 0.00	20.18 0.22 0.00	20.08 0.24 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.75 0.28 0.00	20.17 0.31 0.00	19.84 0.25 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.26 0.30 0.00	18.26 0.31 0.00	17.99 0.30 0.00	19.40 0.33 0.00	22.54 0.51 0.00	22.56 0.63 0.00	29.32 0.66 0.00	46.26 0.68 0.00	28.19 0.33 0.00	20.36 0.20 0.00	20.33 0.15 0.00
LOWVILLE_115KV_TB2 356335	23.37 0.40 0.00	22.42 0.37 0.00	20.29 0.32 0.00	20.15 0.31 0.00	19.77 0.28 0.00	19.22 0.30 0.00	20.00 0.31 0.00	20.07 0.36 0.00	19.87 0.41 0.00	20.30 0.44 0.00	20.00 0.40 0.00	18.72 0.35 0.00	18.25 0.33 0.00	18.21 0.26 0.00	18.21 0.27 0.00	18.01 0.32 0.00	19.47 0.40 0.00	22.54 0.50 0.00	22.48 0.55 0.00	29.40 0.74 0.00	46.58 1.00 0.00	28.38 0.52 0.00	20.44 0.29 0.00	20.41 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.52 0.54 0.00	22.52 0.46 0.00	20.40 0.44 0.00	20.30 0.46 0.00	19.94 0.45 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.23 0.52 0.00	20.01 0.54 0.00	20.45 0.59 0.00	20.13 0.53 0.00	18.84 0.47 0.00	18.38 0.46 0.00	18.47 0.52 0.00	18.49 0.55 0.00	18.24 0.55 0.00	19.69 0.62 0.00	22.93 0.89 0.00	22.93 1.00 0.00	29.80 1.14 0.00	46.94 1.37 0.00	28.58 0.72 0.00	20.61 0.45 0.00	20.57 0.39 0.00
LUTHERNY_35_KV_BK2 355980	23.53 0.55 0.00	22.51 0.45 0.00	20.39 0.43 0.00	20.28 0.44 0.00	19.93 0.43 0.00	19.35 0.42 0.00	20.15 0.48 0.00	20.24 0.53 0.00	20.00 0.53 0.00	20.44 0.58 0.00	20.12 0.53 0.00	18.83 0.46 0.00	18.37 0.45 0.00	18.46 0.51 0.00	18.49 0.55 0.00	18.23 0.55 0.00	19.70 0.63 0.00	22.94 0.91 0.00	22.95 1.02 0.00	29.83 1.17 0.00	46.98 1.41 0.00	28.57 0.71 0.00	20.60 0.45 0.00	20.57 0.39 0.00
LWR___OSWEGATCHIE_HYD 23850	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.45 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.57 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.39 0.00	46.31 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00

LYONS_FALL_HYD 23570	23.36 0.38 0.00	22.41 0.35 0.00	20.27 0.30 0.00	20.14 0.30 0.00	19.77 0.28 0.00	19.22 0.29 0.00	19.99 0.31 0.00	20.06 0.35 0.00	19.85 0.38 0.00	20.26 0.41 0.00	19.98 0.38 0.00	18.71 0.34 0.00	18.25 0.33 0.00	18.24 0.28 0.00	18.24 0.30 0.00	18.02 0.34 0.00	19.47 0.41 0.00	22.56 0.52 0.00	22.51 0.58 0.00	29.40 0.74 0.00	46.57 0.99 0.00	28.39 0.53 0.00	20.46 0.31 0.00	20.45 0.27 0.00
MADISON___COUNTY_LFGE 323628	23.35 0.37 0.00	22.40 0.33 0.00	20.25 0.28 0.00	20.12 0.28 0.00	19.77 0.28 0.00	19.21 0.29 0.00	19.98 0.30 0.00	20.04 0.33 0.00	19.79 0.32 0.00	20.20 0.34 0.00	19.93 0.33 0.00	18.70 0.34 0.00	18.22 0.31 0.00	18.25 0.30 0.00	18.29 0.35 0.00	18.06 0.38 0.00	19.50 0.42 0.00	22.61 0.57 0.00	22.59 0.66 0.00	29.45 0.79 0.00	46.64 1.07 0.00	28.43 0.57 0.00	20.50 0.35 0.00	20.52 0.34 0.00
MALONE___115KV_TB1 356076	24.44 1.46 0.00	23.49 1.43 0.00	21.30 1.33 0.00	21.16 1.32 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.94 1.26 0.00	20.95 1.24 0.00	20.78 1.32 0.00	21.24 1.38 0.00	20.92 1.32 0.00	19.52 1.15 0.00	19.00 1.09 0.00	18.97 1.02 0.00	18.89 0.95 0.00	18.58 0.90 0.00	20.08 1.01 0.00	23.00 0.96 0.00	22.65 0.72 0.00	29.81 1.14 0.00	47.64 2.07 0.00	29.15 1.29 0.00	21.18 1.03 0.00	21.17 1.00 0.00
MAPLEWOD_115KV_TB3 80458	23.29 0.31 0.00	22.33 0.27 0.00	20.25 0.28 0.00	20.14 0.30 0.00	19.78 0.29 0.00	19.17 0.25 0.00	19.97 0.29 0.00	20.00 0.29 0.00	19.76 0.29 0.00	20.19 0.34 0.00	19.88 0.29 0.00	18.62 0.26 0.00	18.20 0.28 0.00	18.32 0.37 0.00	18.32 0.37 0.00	18.05 0.37 0.00	19.44 0.37 0.00	22.60 0.56 0.00	22.60 0.67 0.00	29.36 0.70 0.00	46.30 0.72 0.00	28.25 0.39 0.00	20.43 0.28 0.00	20.41 0.24 0.00
MAPLE_RIDGE_WT_1 323574	23.18 0.20 0.00	22.27 0.21 0.00	20.16 0.20 0.00	20.04 0.20 0.00	19.66 0.17 0.00	19.10 0.18 0.00	19.86 0.18 0.00	19.88 0.17 0.00	19.67 0.20 0.00	20.08 0.23 0.00	19.81 0.21 0.00	18.53 0.17 0.00	18.08 0.16 0.00	18.08 0.13 0.00	18.06 0.12 0.00	17.79 0.11 0.00	19.20 0.13 0.00	22.11 0.07 0.00	21.93 0.00 0.00	28.70 0.04 0.00	45.74 0.16 0.00	27.92 0.06 0.00	20.16 0.00 0.00	20.22 0.04 0.00
MAPLE_RIDGE_WT_2 323611	23.18 0.20 0.00	22.27 0.21 0.00	20.16 0.20 0.00	20.04 0.20 0.00	19.66 0.17 0.00	19.10 0.18 0.00	19.86 0.18 0.00	19.88 0.17 0.00	19.67 0.20 0.00	20.08 0.23 0.00	19.81 0.21 0.00	18.53 0.17 0.00	18.08 0.16 0.00	18.08 0.13 0.00	18.06 0.12 0.00	17.79 0.11 0.00	19.20 0.13 0.00	22.11 0.07 0.00	21.93 0.00 0.00	28.70 0.04 0.00	45.74 0.16 0.00	27.92 0.06 0.00	20.16 0.00 0.00	20.22 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	24.21 1.23 0.00	23.29 1.23 0.00	21.12 1.16 0.00	20.99 1.15 0.00	20.55 1.06 0.00	19.92 0.99 0.00	20.71 1.03 0.00	20.71 1.00 0.00	20.52 1.05 0.00	20.96 1.11 0.00	20.63 1.04 0.00	19.27 0.91 0.00	18.76 0.85 0.00	18.76 0.80 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.91 0.84 0.00	22.83 0.79 0.00	22.40 0.47 0.00	29.47 0.80 0.00	47.11 1.53 0.00	28.83 0.97 0.00	21.01 0.85 0.00	21.02 0.84 0.00
MARSHVLE_115KV_TB1 80742	24.11 1.14 0.00	23.11 1.06 0.00	20.90 0.94 0.00	20.71 0.87 0.00	20.35 0.86 0.00	19.75 0.83 0.00	20.51 0.83 0.00	20.55 0.83 0.00	20.38 0.91 0.00	20.77 0.92 0.00	20.47 0.88 0.00	19.22 0.85 0.00	18.82 0.90 0.00	18.93 0.98 0.00	18.96 1.02 0.00	18.68 0.99 0.00	20.20 1.13 0.00	23.42 1.38 0.00	23.32 1.40 0.00	30.49 1.83 0.00	48.34 2.77 0.00	29.57 1.71 0.00	21.33 1.18 0.00	21.33 1.16 0.00
MARSH_HILL_WT_PWR 323713	23.12 0.15 0.00	22.19 0.13 0.00	19.94 -0.03 0.00	19.85 0.02 0.00	19.56 0.07 0.00	19.04 0.12 0.00	19.76 0.08 0.00	19.92 0.21 0.00	19.54 0.08 0.00	19.99 0.14 0.00	19.77 0.17 0.00	18.49 0.12 0.00	17.97 0.05 0.00	17.96 0.01 0.00	18.05 0.11 0.00	17.88 0.20 0.00	19.29 0.22 0.00	22.43 0.39 0.00	22.43 0.50 0.00	29.17 0.51 0.00	45.56 -0.02 0.00	27.56 -0.30 0.00	19.79 -0.37 0.00	19.58 -0.59 0.00
MCINTYRE_115KV_TB2 80467	24.31 1.33 0.00	23.37 1.32 0.00	21.17 1.21 0.00	21.04 1.19 0.00	20.60 1.11 0.00	20.06 1.13 0.00	20.87 1.19 0.00	20.86 1.15 0.00	20.71 1.25 0.00	21.18 1.32 0.00	20.83 1.23 0.00	19.43 1.07 0.00	18.92 1.00 0.00	18.84 0.88 0.00	18.80 0.86 0.00	18.53 0.85 0.00	20.00 0.93 0.00	22.82 0.78 0.00	22.54 0.61 0.00	29.66 1.00 0.00	47.52 1.94 0.00	29.06 1.20 0.00	21.08 0.92 0.00	21.08 0.90 0.00
MECO_____69_KV_BK1 80468	24.94 1.97 0.00	23.88 1.82 0.00	21.59 1.63 0.00	21.41 1.57 0.00	21.05 1.55 0.00	20.43 1.51 0.00	21.27 1.59 0.00	21.31 1.60 0.00	21.01 1.55 0.00	21.32 1.47 0.00	20.86 1.26 0.00	19.63 1.27 0.00	19.22 1.30 0.00	19.39 1.44 0.00	19.44 1.50 0.00	19.20 1.52 0.00	20.95 1.88 0.00	24.40 2.36 0.00	24.44 2.51 0.00	31.87 3.21 0.00	50.26 4.68 0.00	30.64 2.78 0.00	22.04 1.89 0.00	21.97 1.79 0.00
MENANDS___115KV_TB5 355628	23.23 0.26 0.00	22.28 0.22 0.00	20.20 0.24 0.00	20.09 0.25 0.00	19.73 0.25 0.00	19.12 0.20 0.00	19.92 0.24 0.00	19.95 0.24 0.00	19.71 0.24 0.00	20.14 0.29 0.00	19.83 0.23 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.27 0.32 0.00	18.27 0.32 0.00	18.00 0.31 0.00	19.38 0.31 0.00	22.51 0.47 0.00	22.52 0.59 0.00	29.25 0.59 0.00	46.12 0.54 0.00	28.15 0.29 0.00	20.38 0.22 0.00	20.36 0.19 0.00
MG INDUSTRY___DRP 24185	23.34 0.37 0.00	22.40 0.34 0.00	20.30 0.34 0.00	20.20 0.36 0.00	19.84 0.35 0.00	19.23 0.30 0.00	20.01 0.33 0.00	20.03 0.33 0.00	19.79 0.32 0.00	20.21 0.36 0.00	19.92 0.32 0.00	18.66 0.29 0.00	18.22 0.30 0.00	18.33 0.38 0.00	18.32 0.37 0.00	18.05 0.37 0.00	19.45 0.38 0.00	22.57 0.54 0.00	22.55 0.62 0.00	29.31 0.65 0.00	46.27 0.70 0.00	28.25 0.39 0.00	20.43 0.28 0.00	20.43 0.26 0.00
MID___OSWEGATCHIE_HYD 23849	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.45 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.57 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.39 0.00	46.31 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00
MID___RAQUETTE_HYD 23851	23.93 0.95 0.00	22.98 0.93 0.00	20.85 0.88 0.00	20.72 0.87 0.00	20.25 0.77 0.00	19.74 0.81 0.00	20.54 0.86 0.00	20.52 0.81 0.00	20.39 0.92 0.00	20.84 0.99 0.00	20.53 0.94 0.00	19.15 0.79 0.00	18.67 0.76 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.22 0.53 0.00	19.59 0.52 0.00	22.31 0.28 0.00	22.07 0.14 0.00	29.12 0.46 0.00	46.66 1.09 0.00	28.59 0.73 0.00	20.75 0.60 0.00	20.74 0.57 0.00

MILLIKEN___1 23584	23.03 0.05 0.00	22.14 0.07 0.00	19.95 -0.01 0.00	19.83 -0.01 0.00	19.50 0.01 0.00	18.95 0.03 0.00	19.68 0.00 0.00	19.78 0.07 0.00	19.50 0.03 0.00	19.84 -0.01 0.00	19.63 0.04 0.00	18.44 0.08 0.00	17.96 0.05 0.00	17.97 0.02 0.00	18.00 0.06 0.00	17.81 0.12 0.00	19.18 0.11 0.00	22.26 0.23 0.00	22.25 0.32 0.00	29.04 0.38 0.00	45.98 0.40 0.00	28.05 0.19 0.00	20.26 0.11 0.00	20.27 0.09 0.00
MILLIKEN___2 23585	23.03 0.05 0.00	22.14 0.07 0.00	19.95 -0.01 0.00	19.83 -0.01 0.00	19.50 0.01 0.00	18.95 0.03 0.00	19.68 0.00 0.00	19.78 0.07 0.00	19.50 0.03 0.00	19.84 -0.01 0.00	19.63 0.04 0.00	18.44 0.08 0.00	17.96 0.05 0.00	17.97 0.02 0.00	18.00 0.06 0.00	17.81 0.12 0.00	19.18 0.11 0.00	22.26 0.23 0.00	22.25 0.32 0.00	29.04 0.38 0.00	45.98 0.40 0.00	28.05 0.19 0.00	20.26 0.11 0.00	20.27 0.09 0.00
MILLIKEN___DIESEL 23629	23.03 0.05 0.00	22.14 0.07 0.00	19.95 -0.01 0.00	19.83 -0.01 0.00	19.50 0.01 0.00	18.95 0.03 0.00	19.68 0.00 0.00	19.78 0.07 0.00	19.50 0.03 0.00	19.84 -0.01 0.00	19.63 0.04 0.00	18.44 0.08 0.00	17.96 0.05 0.00	17.97 0.02 0.00	18.00 0.06 0.00	17.81 0.12 0.00	19.18 0.11 0.00	22.26 0.23 0.00	22.25 0.32 0.00	29.04 0.38 0.00	45.98 0.40 0.00	28.05 0.19 0.00	20.26 0.11 0.00	20.27 0.09 0.00
MILLSEAT___LFGE 323607	22.06 -0.92 0.00	21.22 -0.84 0.00	19.15 -0.81 0.00	18.95 -0.89 0.00	18.68 -0.81 0.00	18.07 -0.86 0.00	18.51 -1.18 0.00	18.37 -1.34 0.00	18.22 -1.24 0.00	18.76 -1.10 0.00	18.56 -1.04 0.00	17.57 -0.80 0.00	17.22 -0.70 0.00	17.06 -0.89 0.00	17.12 -0.83 0.00	16.97 -0.71 0.00	18.13 -0.94 0.00	20.82 -1.22 0.00	20.81 -1.12 0.00	26.84 -1.82 0.00	42.19 -3.38 0.00	25.88 -1.98 0.00	18.82 -1.33 0.00	19.03 -1.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.51 0.54 0.00	22.53 0.47 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.85 0.36 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.20 0.49 0.00	19.91 0.44 0.00	20.28 0.43 0.00	20.06 0.47 0.00	18.83 0.46 0.00	18.32 0.40 0.00	18.44 0.49 0.00	18.42 0.48 0.00	18.21 0.53 0.00	19.66 0.59 0.00	22.93 0.89 0.00	23.02 1.09 0.00	29.80 1.13 0.00	46.65 1.07 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.53 0.35 0.00
MILLWOOD_13_KV_LOAD 356217	23.56 0.59 0.00	22.57 0.52 0.00	20.40 0.44 0.00	20.23 0.40 0.00	19.89 0.40 0.00	19.35 0.43 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.10 0.51 0.00	18.86 0.50 0.00	18.35 0.43 0.00	18.48 0.52 0.00	18.46 0.52 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.98 0.94 0.00	23.08 1.15 0.00	29.87 1.21 0.00	46.75 1.18 0.00	28.64 0.78 0.00	20.71 0.55 0.00	20.57 0.39 0.00
MODEL_CITY_ENERGY 24167	21.48 -1.50 0.00	20.68 -1.38 0.00	18.67 -1.29 0.00	18.47 -1.37 0.00	18.20 -1.29 0.00	17.59 -1.33 0.00	17.97 -1.71 0.00	17.79 -1.92 0.00	17.64 -1.82 0.00	18.17 -1.68 0.00	18.00 -1.60 0.00	17.06 -1.31 0.00	16.75 -1.16 0.00	16.58 -1.37 0.00	16.61 -1.33 0.00	16.46 -1.23 0.00	17.53 -1.54 0.00	20.07 -1.96 0.00	20.06 -1.87 0.00	25.85 -2.81 0.00	40.60 -4.98 0.00	24.98 -2.88 0.00	18.23 -1.93 0.00	18.46 -1.72 0.00
MODERN_LFGE___ 323580	21.48 -1.50 0.00	20.68 -1.38 0.00	18.67 -1.29 0.00	18.47 -1.37 0.00	18.20 -1.29 0.00	17.59 -1.33 0.00	17.97 -1.71 0.00	17.79 -1.92 0.00	17.64 -1.82 0.00	18.17 -1.68 0.00	18.00 -1.60 0.00	17.06 -1.31 0.00	16.75 -1.16 0.00	16.58 -1.37 0.00	16.61 -1.33 0.00	16.46 -1.23 0.00	17.53 -1.54 0.00	20.07 -1.96 0.00	20.06 -1.87 0.00	25.85 -2.81 0.00	40.60 -4.98 0.00	24.98 -2.88 0.00	18.23 -1.93 0.00	18.46 -1.72 0.00
MOHAWK_PAPER___DRP 24187	23.29 0.31 0.00	22.33 0.27 0.00	20.25 0.28 0.00	20.14 0.30 0.00	19.78 0.29 0.00	19.17 0.25 0.00	19.97 0.29 0.00	20.00 0.29 0.00	19.76 0.29 0.00	20.19 0.34 0.00	19.88 0.29 0.00	18.62 0.26 0.00	18.20 0.28 0.00	18.32 0.37 0.00	18.32 0.37 0.00	18.05 0.37 0.00	19.44 0.37 0.00	22.60 0.56 0.00	22.60 0.67 0.00	29.36 0.70 0.00	46.30 0.72 0.00	28.25 0.39 0.00	20.43 0.28 0.00	20.41 0.24 0.00
MOHICAN___35_KV_115KV_LD 80490	23.55 0.57 0.00	22.51 0.45 0.00	20.39 0.43 0.00	20.31 0.48 0.00	19.95 0.46 0.00	19.36 0.44 0.00	20.22 0.54 0.00	20.29 0.57 0.00	20.15 0.68 0.00	20.61 0.75 0.00	20.28 0.68 0.00	18.96 0.60 0.00	18.45 0.53 0.00	18.52 0.57 0.00	18.56 0.62 0.00	18.33 0.65 0.00	19.79 0.72 0.00	23.15 1.11 0.00	23.15 1.22 0.00	30.02 1.36 0.00	47.12 1.54 0.00	28.63 0.77 0.00	20.58 0.43 0.00	20.54 0.36 0.00
MONGAUP___HYD 23641	23.46 0.49 0.00	22.48 0.42 0.00	20.32 0.35 0.00	20.16 0.32 0.00	19.88 0.39 0.00	19.28 0.35 0.00	20.10 0.42 0.00	20.22 0.51 0.00	19.79 0.33 0.00	20.07 0.22 0.00	19.77 0.17 0.00	18.54 0.17 0.00	18.04 0.12 0.00	18.15 0.19 0.00	17.97 0.03 0.00	17.81 0.13 0.00	19.33 0.26 0.00	22.81 0.77 0.00	22.90 0.97 0.00	29.69 1.03 0.00	46.55 0.98 0.00	28.56 0.70 0.00	20.62 0.47 0.00	20.50 0.33 0.00
MONTAUK___DIESEL 23721	24.22 1.25 0.00	23.25 1.19 0.00	20.97 1.01 0.00	20.78 0.94 0.00	20.44 0.95 0.00	19.84 0.91 0.00	20.66 0.98 0.00	20.71 1.00 0.00	20.48 1.02 0.00	20.87 1.02 0.00	20.68 1.08 0.00	19.41 1.05 0.00	18.87 0.95 0.00	18.98 1.03 0.00	18.89 0.95 0.00	18.74 1.06 0.00	20.26 1.20 0.00	23.75 1.71 0.00	23.99 2.06 0.00	31.04 2.38 0.00	48.15 2.58 0.00	29.47 1.61 0.00	21.35 1.20 0.00	21.25 1.08 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.82 -0.15 0.00	21.94 -0.12 0.00	19.72 -0.24 0.00	19.54 -0.30 0.00	19.26 -0.23 0.00	18.67 -0.25 0.00	19.16 -0.52 0.00	19.14 -0.57 0.00	18.88 -0.58 0.00	19.44 -0.42 0.00	19.28 -0.31 0.00	18.20 -0.17 0.00	17.79 -0.13 0.00	17.58 -0.37 0.00	17.71 -0.24 0.00	17.51 -0.18 0.00	18.69 -0.37 0.00	21.50 -0.53 0.00	21.37 -0.56 0.00	27.63 -1.03 0.00	42.93 -2.64 0.00	25.83 -2.03 0.00	18.71 -1.44 0.00	19.09 -1.09 0.00
MORTIMER_115KV_TB3 55949	22.12 -0.86 0.00	21.26 -0.80 0.00	19.21 -0.76 0.00	19.03 -0.82 0.00	18.74 -0.75 0.00	18.15 -0.78 0.00	18.70 -0.98 0.00	18.65 -1.06 0.00	18.47 -0.99 0.00	18.93 -0.93 0.00	18.72 -0.88 0.00	17.67 -0.70 0.00	17.29 -0.62 0.00	17.21 -0.74 0.00	17.25 -0.69 0.00	17.05 -0.63 0.00	18.26 -0.81 0.00	21.04 -1.00 0.00	21.05 -0.88 0.00	27.32 -1.34 0.00	43.14 -2.44 0.00	26.41 -1.45 0.00	19.16 -0.99 0.00	19.31 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.53 0.55 0.00	22.55 0.49 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.95 0.49 0.00	20.33 0.48 0.00	20.12 0.52 0.00	18.88 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.57 0.00	19.70 0.63 0.00	22.97 0.93 0.00	23.07 1.14 0.00	29.83 1.17 0.00	46.62 1.05 0.00	28.59 0.73 0.00	20.67 0.52 0.00	20.52 0.34 0.00

MUNSVILLE_WIND_PWR 323609	24.48 1.50 0.00	23.55 1.50 0.00	21.19 1.22 0.00	21.07 1.23 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.96 1.28 0.00	21.08 1.37 0.00	20.85 1.38 0.00	21.32 1.46 0.00	21.03 1.43 0.00	19.79 1.42 0.00	19.25 1.34 0.00	19.25 1.29 0.00	19.32 1.38 0.00	19.13 1.45 0.00	20.66 1.59 0.00	24.06 2.02 0.00	24.08 2.15 0.00	31.33 2.67 0.00	49.31 3.74 0.00	29.94 2.08 0.00	21.46 1.31 0.00	21.37 1.20 0.00
N SALMON___HYD 24042	24.44 1.46 0.00	23.49 1.43 0.00	21.30 1.33 0.00	21.16 1.32 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.94 1.26 0.00	20.95 1.24 0.00	20.78 1.31 0.00	21.24 1.38 0.00	20.92 1.32 0.00	19.52 1.15 0.00	19.01 1.09 0.00	18.97 1.02 0.00	18.89 0.95 0.00	18.58 0.90 0.00	20.08 1.01 0.00	23.00 0.96 0.00	22.65 0.72 0.00	29.81 1.14 0.00	47.64 2.07 0.00	29.15 1.29 0.00	21.18 1.03 0.00	21.17 1.00 0.00
N.AKRON__115KV_KNAPP 355671	22.06 -0.91 0.00	21.22 -0.84 0.00	19.16 -0.81 0.00	18.95 -0.89 0.00	18.69 -0.80 0.00	18.07 -0.86 0.00	18.51 -1.17 0.00	18.37 -1.34 0.00	18.25 -1.22 0.00	18.76 -1.10 0.00	18.55 -1.05 0.00	17.57 -0.79 0.00	17.23 -0.69 0.00	17.07 -0.88 0.00	17.12 -0.82 0.00	16.98 -0.71 0.00	18.12 -0.95 0.00	20.81 -1.23 0.00	20.80 -1.13 0.00	26.83 -1.83 0.00	42.15 -3.43 0.00	25.87 -1.99 0.00	18.83 -1.33 0.00	19.02 -1.15 0.00
N.BELMOR_69_KV_BK1 55787	23.82 0.84 0.00	22.81 0.75 0.00	20.60 0.63 0.00	20.40 0.56 0.00	20.07 0.57 0.00	19.50 0.58 0.00	20.32 0.64 0.00	20.35 0.64 0.00	20.05 0.58 0.00	20.43 0.57 0.00	20.27 0.68 0.00	19.05 0.68 0.00	18.53 0.62 0.00	18.65 0.69 0.00	18.63 0.69 0.00	18.45 0.76 0.00	19.91 0.84 0.00	23.27 1.24 0.00	23.42 1.49 0.00	30.31 1.65 0.00	47.14 1.56 0.00	28.92 1.06 0.00	20.99 0.84 0.00	20.86 0.68 0.00
N.E_GEN_SANDY PD 24062	23.18 0.20 0.00	22.22 0.16 0.00	20.14 0.17 0.00	20.02 0.18 0.00	19.66 0.17 0.00	19.45 0.15 -0.37	19.96 0.22 -0.06	19.95 0.24 0.00	19.71 0.25 0.00	20.12 0.27 0.00	19.83 0.23 0.00	9.05 0.20 9.51	18.49 0.19 -0.39	18.24 0.29 0.00	18.22 0.28 0.00	17.97 0.29 0.00	19.37 0.31 0.01	22.05 0.51 0.50	22.42 0.67 0.18	29.33 0.67 0.00	46.60 0.59 -0.44	27.60 0.30 0.56	20.38 0.19 -0.04	20.22 0.10 0.06
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.54 0.57 0.00	22.57 0.51 0.00	20.39 0.43 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.41 0.00	20.16 0.48 0.00	20.22 0.51 0.00	19.92 0.45 0.00	20.30 0.44 0.00	20.08 0.48 0.00	18.85 0.48 0.00	18.34 0.42 0.00	18.45 0.50 0.00	18.43 0.49 0.00	18.22 0.54 0.00	19.68 0.61 0.00	22.95 0.91 0.00	23.04 1.11 0.00	29.82 1.16 0.00	46.73 1.16 0.00	28.64 0.78 0.00	20.70 0.54 0.00	20.56 0.38 0.00
N.QUEENS_27_KV_LOAD 356247	23.52 0.54 0.00	22.50 0.44 0.00	20.36 0.40 0.00	20.19 0.35 0.00	19.83 0.34 0.00	19.30 0.37 0.00	20.12 0.44 0.00	20.20 0.48 0.00	19.93 0.46 0.00	20.26 0.41 0.00	20.12 0.52 0.00	18.84 0.47 0.00	18.32 0.40 0.00	18.48 0.52 0.00	18.44 0.49 0.00	18.24 0.56 0.00	19.67 0.59 0.00	22.91 0.87 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.46 0.88 0.00	28.60 0.74 0.00	20.63 0.47 0.00	20.48 0.30 0.00
N.TROY___115KV_TB1 355778	23.23 0.25 0.00	22.27 0.21 0.00	20.18 0.22 0.00	20.08 0.24 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.74 0.28 0.00	20.17 0.31 0.00	19.85 0.25 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.26 0.30 0.00	18.26 0.31 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.54 0.51 0.00	22.56 0.63 0.00	29.32 0.66 0.00	46.26 0.68 0.00	28.19 0.33 0.00	20.36 0.20 0.00	20.33 0.15 0.00
NARROWS_GT1_1 24228	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_2 24229	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_3 24230	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_4 24231	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_5 24232	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_6 24233	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT1_7 24234	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00

NARROWS_GT1_8 24235	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_1 24236	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_2 24237	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_3 24238	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_4 24239	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_5 24240	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_6 24241	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_7 24242	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NARROWS_GT2_8 24243	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.82 0.84 0.00	22.84 0.78 0.00	20.71 0.74 0.00	20.61 0.77 0.00	20.23 0.74 0.00	19.60 0.68 0.00	20.42 0.74 0.00	20.46 0.74 0.00	20.19 0.72 0.00	20.61 0.75 0.00	20.25 0.65 0.00	18.97 0.60 0.00	18.55 0.63 0.00	18.68 0.72 0.00	18.66 0.72 0.00	18.42 0.73 0.00	19.89 0.82 0.00	23.16 1.13 0.00	23.17 1.24 0.00	30.08 1.42 0.00	47.47 1.89 0.00	28.89 1.03 0.00	20.87 0.71 0.00	20.85 0.67 0.00
NCHELSEA_115KV_TR2 355582	23.65 0.67 0.00	22.66 0.59 0.00	20.48 0.51 0.00	20.32 0.49 0.00	19.98 0.49 0.00	19.43 0.50 0.00	20.25 0.56 0.00	20.31 0.60 0.00	20.03 0.56 0.00	20.40 0.54 0.00	20.16 0.56 0.00	18.91 0.54 0.00	18.39 0.47 0.00	18.51 0.56 0.00	18.50 0.56 0.00	18.29 0.61 0.00	19.77 0.71 0.00	23.07 1.03 0.00	23.16 1.23 0.00	30.00 1.34 0.00	47.04 1.47 0.00	28.78 0.92 0.00	20.79 0.63 0.00	20.67 0.49 0.00
NEG CAPITAL___MECHNVIL 23645	23.50 0.52 0.00	22.50 0.44 0.00	20.38 0.42 0.00	20.27 0.44 0.00	19.92 0.43 0.00	19.32 0.40 0.00	20.16 0.48 0.00	20.21 0.50 0.00	19.99 0.52 0.00	20.43 0.57 0.00	20.11 0.52 0.00	18.83 0.46 0.00	18.37 0.45 0.00	18.47 0.51 0.00	18.49 0.54 0.00	18.23 0.55 0.00	19.68 0.61 0.00	22.91 0.88 0.00	22.93 1.00 0.00	29.77 1.11 0.00	46.92 1.35 0.00	28.56 0.70 0.00	20.59 0.44 0.00	20.55 0.37 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.78 -1.20 0.00	20.92 -1.14 0.00	18.90 -1.07 0.00	18.74 -1.10 0.00	18.44 -1.05 0.00	17.88 -1.04 0.00	18.47 -1.21 0.00	18.45 -1.26 0.00	18.26 -1.21 0.00	18.70 -1.16 0.00	18.49 -1.11 0.00	17.42 -0.94 0.00	17.03 -0.89 0.00	16.97 -0.99 0.00	16.98 -0.96 0.00	16.78 -0.90 0.00	18.02 -1.05 0.00	20.80 -1.23 0.00	20.82 -1.11 0.00	27.06 -1.60 0.00	42.80 -2.78 0.00	26.17 -1.69 0.00	18.96 -1.20 0.00	19.09 -1.09 0.00
NEG CENTRAL___DRP 24199	22.61 -0.37 0.00	21.72 -0.34 0.00	19.60 -0.38 0.00	19.46 -0.38 0.00	19.15 -0.35 0.00	18.60 -0.32 0.00	19.29 -0.39 0.00	19.37 -0.35 0.00	19.10 -0.37 0.00	19.48 -0.38 0.00	19.26 -0.34 0.00	18.08 -0.28 0.00	17.63 -0.29 0.00	17.59 -0.36 0.00	17.62 -0.32 0.00	17.43 -0.25 0.00	18.78 -0.28 0.00	21.78 -0.25 0.00	21.78 -0.15 0.00	28.39 -0.28 0.00	44.84 -0.74 0.00	27.43 -0.43 0.00	19.82 -0.33 0.00	19.84 -0.34 0.00
NEG CENTRAL___INDECK 23768	23.15 0.17 0.00	22.19 0.14 0.00	19.99 0.03 0.00	19.84 0.00 0.00	19.55 0.06 0.00	19.00 0.07 0.00	19.66 -0.02 0.00	19.71 -0.01 0.00	19.41 -0.06 0.00	19.86 0.01 0.00	19.62 0.02 0.00	18.34 -0.02 0.00	17.87 -0.05 0.00	17.79 -0.16 0.00	17.91 -0.03 0.00	17.79 0.11 0.00	19.17 0.10 0.00	22.25 0.22 0.00	22.31 0.38 0.00	28.99 0.33 0.00	45.58 0.00 0.00	27.76 -0.10 0.00	19.99 -0.16 0.00	19.92 -0.25 0.00

NEG CENTRAL___SENECA 23627	22.68 -0.29 0.00	21.78 -0.28 0.00	19.64 -0.33 0.00	19.51 -0.33 0.00	19.19 -0.30 0.00	18.66 -0.27 0.00	19.33 -0.35 0.00	19.42 -0.30 0.00	19.14 -0.33 0.00	19.55 -0.31 0.00	19.33 -0.26 0.00	18.14 -0.23 0.00	17.67 -0.25 0.00	17.62 -0.33 0.00	17.67 -0.28 0.00	17.50 -0.18 0.00	18.86 -0.21 0.00	21.87 -0.16 0.00	21.87 -0.05 0.00	28.46 -0.21 0.00	44.80 -0.78 0.00	27.43 -0.42 0.00	19.81 -0.35 0.00	19.79 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	22.70 -0.27 0.00	21.87 -0.19 0.00	19.69 -0.28 0.00	19.55 -0.29 0.00	19.23 -0.26 0.00	18.68 -0.25 0.00	19.39 -0.29 0.00	19.51 -0.20 0.00	19.25 -0.22 0.00	19.54 -0.32 0.00	19.35 -0.24 0.00	18.19 -0.17 0.00	17.75 -0.17 0.00	17.73 -0.22 0.00	17.76 -0.18 0.00	17.55 -0.13 0.00	18.89 -0.18 0.00	21.90 -0.13 0.00	21.83 -0.10 0.00	28.55 -0.11 0.00	45.30 -0.27 0.00	27.70 -0.16 0.00	20.01 -0.14 0.00	20.08 -0.10 0.00
NEG MILLWOOD___DRP 24198	23.70 0.72 0.00	22.70 0.65 0.00	20.53 0.56 0.00	20.36 0.52 0.00	20.02 0.52 0.00	19.47 0.54 0.00	20.30 0.61 0.00	20.37 0.65 0.00	20.09 0.62 0.00	20.48 0.62 0.00	20.24 0.65 0.00	18.99 0.62 0.00	18.46 0.54 0.00	18.57 0.62 0.00	18.56 0.61 0.00	18.34 0.66 0.00	19.82 0.75 0.00	23.13 1.09 0.00	23.23 1.30 0.00	30.09 1.43 0.00	47.14 1.57 0.00	28.83 0.97 0.00	20.82 0.67 0.00	20.70 0.52 0.00
NEG NORTH_FLCN_SEA 23793	24.49 1.51 0.00	23.56 1.50 0.00	21.38 1.41 0.00	21.24 1.40 0.00	20.78 1.29 0.00	20.09 1.16 0.00	20.87 1.19 0.00	20.89 1.18 0.00	20.68 1.22 0.00	21.12 1.26 0.00	20.78 1.19 0.00	19.41 1.05 0.00	18.88 0.97 0.00	18.89 0.94 0.00	18.81 0.86 0.00	18.52 0.83 0.00	20.06 0.99 0.00	23.00 0.97 0.00	22.48 0.55 0.00	29.65 0.99 0.00	47.38 1.81 0.00	29.00 1.14 0.00	21.22 1.07 0.00	21.25 1.07 0.00
NEG NORTH_KES_CHATEGAY 23792	24.28 1.30 0.00	23.36 1.30 0.00	21.18 1.22 0.00	21.05 1.21 0.00	20.61 1.11 0.00	19.98 1.05 0.00	20.78 1.10 0.00	20.79 1.08 0.00	20.60 1.13 0.00	21.04 1.19 0.00	20.72 1.13 0.00	19.34 0.97 0.00	18.83 0.92 0.00	18.82 0.86 0.00	18.74 0.79 0.00	18.44 0.76 0.00	19.96 0.89 0.00	22.89 0.85 0.00	22.47 0.54 0.00	29.56 0.90 0.00	47.26 1.69 0.00	28.94 1.08 0.00	21.05 0.90 0.00	21.06 0.88 0.00
NEG NORTH___ALICE_FALLS 23915	24.55 1.57 0.00	23.61 1.55 0.00	21.42 1.45 0.00	21.28 1.44 0.00	20.82 1.34 0.00	20.16 1.24 0.00	20.97 1.29 0.00	20.99 1.28 0.00	20.79 1.32 0.00	21.24 1.39 0.00	20.91 1.31 0.00	19.53 1.17 0.00	19.01 1.09 0.00	19.00 1.05 0.00	18.91 0.96 0.00	18.61 0.93 0.00	20.17 1.10 0.00	23.15 1.11 0.00	22.70 0.77 0.00	29.87 1.21 0.00	47.70 2.13 0.00	29.17 1.31 0.00	21.28 1.13 0.00	21.28 1.11 0.00
NEG NORTH___LWR_SARANAC 23913	24.55 1.57 0.00	23.61 1.55 0.00	21.42 1.45 0.00	21.28 1.44 0.00	20.82 1.34 0.00	20.16 1.24 0.00	20.97 1.29 0.00	20.99 1.28 0.00	20.79 1.32 0.00	21.24 1.39 0.00	20.91 1.31 0.00	19.53 1.17 0.00	19.01 1.09 0.00	19.00 1.05 0.00	18.91 0.96 0.00	18.61 0.93 0.00	20.17 1.10 0.00	23.15 1.11 0.00	22.70 0.77 0.00	29.87 1.21 0.00	47.70 2.13 0.00	29.17 1.31 0.00	21.28 1.13 0.00	21.28 1.11 0.00
NEG NORTH___PLATTSBURG 23628	24.54 1.57 0.00	23.61 1.55 0.00	21.42 1.45 0.00	21.28 1.44 0.00	20.82 1.34 0.00	20.16 1.24 0.00	20.97 1.29 0.00	20.99 1.28 0.00	20.78 1.32 0.00	21.24 1.38 0.00	20.91 1.32 0.00	19.53 1.17 0.00	19.01 1.09 0.00	19.00 1.05 0.00	18.91 0.96 0.00	18.61 0.93 0.00	20.17 1.10 0.00	23.15 1.11 0.00	22.70 0.77 0.00	29.87 1.21 0.00	47.70 2.13 0.00	29.17 1.31 0.00	21.28 1.13 0.00	21.28 1.11 0.00
NEG WEST_LEA_LOCKPORT 23791	21.71 -1.27 0.00	20.89 -1.17 0.00	18.86 -1.11 0.00	18.65 -1.19 0.00	18.39 -1.11 0.00	17.77 -1.16 0.00	18.17 -1.52 0.00	18.00 -1.71 0.00	17.87 -1.60 0.00	18.39 -1.47 0.00	18.18 -1.41 0.00	17.25 -1.12 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.03 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.30 -1.63 0.00	26.17 -2.49 0.00	41.08 -4.50 0.00	25.26 -2.61 0.00	18.42 -1.73 0.00	18.64 -1.53 0.00
NEG WEST___LANCASTER 23811	22.69 -0.29 0.00	21.82 -0.24 0.00	19.67 -0.30 0.00	19.48 -0.36 0.00	19.20 -0.29 0.00	18.57 -0.35 0.00	19.03 -0.65 0.00	18.93 -0.78 0.00	18.71 -0.76 0.00	19.24 -0.62 0.00	19.12 -0.48 0.00	18.08 -0.29 0.00	17.71 -0.20 0.00	17.58 -0.37 0.00	17.64 -0.31 0.00	17.46 -0.22 0.00	18.62 -0.45 0.00	21.36 -0.67 0.00	21.26 -0.67 0.00	27.51 -1.15 0.00	43.32 -2.26 0.00	26.58 -1.28 0.00	19.36 -0.80 0.00	19.50 -0.68 0.00
NEG_PENN_ALLEGHNY 23528	22.75 -0.23 0.00	21.84 -0.22 0.00	19.69 -0.28 0.00	19.58 -0.26 0.00	19.26 -0.23 0.00	18.72 -0.21 0.00	19.42 -0.27 0.00	19.50 -0.22 0.00	19.18 -0.29 0.00	19.58 -0.27 0.00	19.37 -0.22 0.00	18.18 -0.18 0.00	17.74 -0.18 0.00	17.75 -0.20 0.00	17.79 -0.15 0.00	17.59 -0.09 0.00	18.92 -0.14 0.00	21.94 -0.09 0.00	21.90 -0.02 0.00	28.56 -0.10 0.00	45.08 -0.49 0.00	27.54 -0.32 0.00	19.93 -0.22 0.00	19.89 -0.28 0.00
NEG___GEN_MONROE 24207	22.25 -0.73 0.00	21.38 -0.68 0.00	19.31 -0.66 0.00	19.13 -0.72 0.00	18.84 -0.65 0.00	18.24 -0.68 0.00	18.78 -0.90 0.00	18.72 -0.99 0.00	18.56 -0.91 0.00	19.02 -0.83 0.00	18.81 -0.79 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.28 -0.67 0.00	17.33 -0.61 0.00	17.15 -0.53 0.00	18.36 -0.71 0.00	21.15 -0.89 0.00	21.16 -0.77 0.00	27.43 -1.23 0.00	43.27 -2.30 0.00	26.49 -1.36 0.00	19.23 -0.92 0.00	19.38 -0.79 0.00
NEPA___ENERGY 23901	22.18 -0.80 0.00	21.33 -0.72 0.00	19.12 -0.84 0.00	18.99 -0.85 0.00	18.71 -0.78 0.00	18.17 -0.75 0.00	18.65 -1.03 0.00	18.69 -1.02 0.00	18.34 -1.13 0.00	18.85 -1.01 0.00	18.71 -0.89 0.00	17.63 -0.74 0.00	17.23 -0.69 0.00	17.09 -0.86 0.00	17.20 -0.74 0.00	17.06 -0.63 0.00	18.20 -0.86 0.00	20.98 -1.06 0.00	20.83 -1.10 0.00	27.05 -1.61 0.00	42.34 -3.24 0.00	25.88 -1.98 0.00	18.83 -1.32 0.00	18.90 -1.28 0.00
NEVERSINK___HYD 23608	23.51 0.53 0.00	22.56 0.50 0.00	20.38 0.42 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.51 0.00	19.87 0.40 0.00	20.15 0.30 0.00	19.84 0.25 0.00	18.60 0.23 0.00	18.15 0.23 0.00	18.18 0.23 0.00	18.15 0.21 0.00	18.02 0.34 0.00	19.47 0.40 0.00	22.81 0.77 0.00	22.92 0.99 0.00	29.74 1.08 0.00	46.71 1.13 0.00	28.56 0.70 0.00	20.61 0.46 0.00	20.52 0.34 0.00
NEWKRMKL_115KV_TB1 55635	23.26 0.28 0.00	22.32 0.26 0.00	20.24 0.27 0.00	20.13 0.29 0.00	19.77 0.28 0.00	19.16 0.24 0.00	19.96 0.28 0.00	19.98 0.27 0.00	19.74 0.28 0.00	20.17 0.32 0.00	19.86 0.27 0.00	18.62 0.25 0.00	18.19 0.27 0.00	18.31 0.35 0.00	18.30 0.36 0.00	18.04 0.36 0.00	19.42 0.35 0.00	22.54 0.51 0.00	22.55 0.62 0.00	29.29 0.63 0.00	46.19 0.61 0.00	28.19 0.33 0.00	20.42 0.27 0.00	20.41 0.23 0.00

NEWTON___FALLS_HYD 23847	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.45 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.57 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.39 0.00	46.31 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00
NGRID_A1_DSASP 323792	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.38 0.00	18.39 -1.45 0.00	18.12 -1.37 0.00	17.50 -1.42 0.00	17.89 -1.79 0.00	17.70 -2.01 0.00	17.56 -1.91 0.00	18.09 -1.77 0.00	17.84 -1.75 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.40 0.00	17.34 -1.73 0.00	19.84 -2.19 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.13 -5.45 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
NGRID_A2_DSASP 323793	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.38 0.00	18.39 -1.45 0.00	18.12 -1.37 0.00	17.50 -1.42 0.00	17.89 -1.79 0.00	17.70 -2.01 0.00	17.56 -1.91 0.00	18.09 -1.77 0.00	17.84 -1.75 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.40 0.00	17.34 -1.73 0.00	19.84 -2.19 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.13 -5.45 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
NGRID_A4_DSASP 323807	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.38 0.00	18.39 -1.45 0.00	18.12 -1.37 0.00	17.50 -1.42 0.00	17.89 -1.79 0.00	17.70 -2.01 0.00	17.56 -1.91 0.00	18.09 -1.77 0.00	17.84 -1.75 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.40 0.00	17.34 -1.73 0.00	19.84 -2.19 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.13 -5.45 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
NIAGARA_115E_LBMP 323715	21.35 -1.62 0.00	20.56 -1.50 0.00	18.57 -1.40 0.00	18.37 -1.47 0.00	18.10 -1.39 0.00	17.49 -1.43 0.00	17.86 -1.82 0.00	17.67 -2.05 0.00	17.53 -1.94 0.00	18.05 -1.80 0.00	17.88 -1.72 0.00	16.95 -1.41 0.00	16.66 -1.26 0.00	16.47 -1.48 0.00	16.51 -1.43 0.00	16.35 -1.34 0.00	17.41 -1.66 0.00	19.93 -2.11 0.00	19.92 -2.01 0.00	25.66 -3.00 0.00	40.29 -5.29 0.00	24.81 -3.05 0.00	18.11 -2.04 0.00	18.35 -1.82 0.00
NIAGARA_115W_LBMP 323714	21.34 -1.64 0.00	20.54 -1.52 0.00	18.55 -1.41 0.00	18.35 -1.49 0.00	18.09 -1.41 0.00	17.47 -1.45 0.00	17.85 -1.83 0.00	17.66 -2.05 0.00	17.52 -1.94 0.00	18.05 -1.80 0.00	17.80 -1.80 0.00	16.85 -1.52 0.00	16.55 -1.36 0.00	16.38 -1.57 0.00	16.41 -1.53 0.00	16.24 -1.44 0.00	17.30 -1.77 0.00	19.79 -2.25 0.00	19.77 -2.16 0.00	25.48 -3.19 0.00	40.03 -5.55 0.00	24.65 -3.21 0.00	18.01 -2.15 0.00	18.33 -1.85 0.00
NIAGARA_230_LBMP 323716	21.51 -1.46 0.00	20.71 -1.35 0.00	18.70 -1.26 0.00	18.50 -1.34 0.00	18.23 -1.26 0.00	17.62 -1.30 0.00	18.02 -1.66 0.00	17.86 -1.85 0.00	17.70 -1.77 0.00	18.22 -1.63 0.00	18.05 -1.55 0.00	17.09 -1.27 0.00	16.78 -1.14 0.00	16.63 -1.32 0.00	16.66 -1.28 0.00	16.49 -1.19 0.00	17.56 -1.51 0.00	20.10 -1.93 0.00	20.08 -1.84 0.00	25.92 -2.74 0.00	40.74 -4.83 0.00	25.05 -2.81 0.00	18.28 -1.88 0.00	18.52 -1.65 0.00
NIAGARA___115KV_198_GIBSON 55903	21.34 -1.64 0.00	20.54 -1.52 0.00	18.55 -1.41 0.00	18.35 -1.49 0.00	18.09 -1.40 0.00	17.47 -1.45 0.00	17.85 -1.83 0.00	17.67 -2.04 0.00	17.54 -1.92 0.00	18.06 -1.80 0.00	17.78 -1.81 0.00	16.85 -1.52 0.00	16.55 -1.37 0.00	16.38 -1.57 0.00	16.41 -1.53 0.00	16.25 -1.43 0.00	17.30 -1.77 0.00	19.78 -2.25 0.00	19.77 -2.16 0.00	25.48 -3.18 0.00	40.02 -5.55 0.00	24.65 -3.21 0.00	18.01 -2.14 0.00	18.33 -1.85 0.00
NIAGARA____ 23760	21.51 -1.46 0.00	20.71 -1.35 0.00	18.70 -1.26 0.00	18.50 -1.34 0.00	18.23 -1.26 0.00	17.62 -1.30 0.00	18.02 -1.66 0.00	17.86 -1.85 0.00	17.70 -1.77 0.00	18.22 -1.63 0.00	18.05 -1.55 0.00	17.09 -1.27 0.00	16.78 -1.14 0.00	16.63 -1.32 0.00	16.66 -1.28 0.00	16.49 -1.19 0.00	17.56 -1.51 0.00	20.10 -1.93 0.00	20.08 -1.84 0.00	25.92 -2.74 0.00	40.74 -4.83 0.00	25.05 -2.81 0.00	18.28 -1.88 0.00	18.52 -1.65 0.00
NINE_MILE_1 23575	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.96 -0.89 0.00	18.73 -0.87 0.00	17.60 -0.76 0.00	17.18 -0.73 0.00	17.20 -0.75 0.00	17.21 -0.74 0.00	16.94 -0.75 0.00	18.24 -0.83 0.00	21.12 -0.92 0.00	21.10 -0.83 0.00	27.65 -1.01 0.00	44.07 -1.51 0.00	26.93 -0.93 0.00	19.50 -0.65 0.00	19.61 -0.57 0.00
NINE_MILE_2 23744	22.06 -0.92 0.00	21.18 -0.88 0.00	19.16 -0.80 0.00	19.04 -0.80 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.83 0.00	18.96 -0.89 0.00	18.73 -0.87 0.00	17.60 -0.76 0.00	17.19 -0.73 0.00	17.20 -0.75 0.00	17.21 -0.74 0.00	16.94 -0.75 0.00	18.24 -0.83 0.00	21.12 -0.92 0.00	21.10 -0.83 0.00	27.66 -1.00 0.00	44.08 -1.50 0.00	26.94 -0.92 0.00	19.51 -0.65 0.00	19.61 -0.56 0.00
NM_CAPITAL___DRP 24208	23.21 0.24 0.00	22.27 0.21 0.00	20.19 0.23 0.00	20.09 0.25 0.00	19.73 0.24 0.00	19.11 0.19 0.00	19.91 0.23 0.00	19.94 0.23 0.00	19.70 0.23 0.00	20.12 0.27 0.00	19.81 0.22 0.00	18.57 0.20 0.00	18.14 0.22 0.00	18.26 0.31 0.00	18.25 0.31 0.00	17.99 0.31 0.00	19.36 0.29 0.00	22.49 0.45 0.00	22.50 0.57 0.00	29.22 0.56 0.00	46.08 0.50 0.00	28.13 0.27 0.00	20.36 0.21 0.00	20.35 0.18 0.00
NM_CENTRAL___DRP 24181	22.39 -0.58 0.00	21.49 -0.57 0.00	19.43 -0.53 0.00	19.30 -0.54 0.00	18.99 -0.50 0.00	18.44 -0.49 0.00	19.14 -0.54 0.00	19.17 -0.54 0.00	18.90 -0.56 0.00	19.25 -0.60 0.00	19.03 -0.57 0.00	17.89 -0.47 0.00	17.47 -0.45 0.00	17.48 -0.47 0.00	17.49 -0.45 0.00	17.25 -0.43 0.00	18.57 -0.50 0.00	21.51 -0.53 0.00	21.50 -0.42 0.00	28.12 -0.54 0.00	44.70 -0.88 0.00	27.30 -0.56 0.00	19.75 -0.40 0.00	19.85 -0.33 0.00
NM_FRONTIER___DRP 24179	21.34 -1.64 0.00	20.54 -1.52 0.00	18.55 -1.41 0.00	18.35 -1.49 0.00	18.09 -1.40 0.00	17.47 -1.45 0.00	17.85 -1.83 0.00	17.67 -2.04 0.00	17.54 -1.92 0.00	18.06 -1.80 0.00	17.78 -1.81 0.00	16.85 -1.52 0.00	16.55 -1.37 0.00	16.38 -1.57 0.00	16.41 -1.53 0.00	16.25 -1.43 0.00	17.30 -1.77 0.00	19.78 -2.25 0.00	19.77 -2.16 0.00	25.48 -3.18 0.00	40.02 -5.55 0.00	24.65 -3.21 0.00	18.01 -2.14 0.00	18.33 -1.85 0.00
NM_ST_REGIS___HYD 24053	24.09 1.12 0.00	23.15 1.09 0.00	21.00 1.03 0.00	20.86 1.02 0.00	20.41 0.91 0.00	19.87 0.94 0.00	20.67 0.99 0.00	20.66 0.95 0.00	20.52 1.05 0.00	20.98 1.13 0.00	20.66 1.07 0.00	19.28 0.91 0.00	18.79 0.87 0.00	18.73 0.78 0.00	18.65 0.70 0.00	18.33 0.65 0.00	19.75 0.68 0.00	22.52 0.49 0.00	22.24 0.31 0.00	29.33 0.66 0.00	46.98 1.40 0.00	28.77 0.91 0.00	20.89 0.74 0.00	20.88 0.70 0.00

NORTHPORT___1 23551	23.66 0.68 0.00	22.72 0.66 0.00	20.52 0.56 0.00	20.32 0.48 0.00	19.98 0.49 0.00	19.39 0.47 0.00	20.22 0.54 0.00	20.23 0.51 0.00	19.94 0.48 0.00	20.34 0.48 0.00	20.24 0.64 0.00	19.02 0.65 0.00	18.50 0.58 0.00	18.61 0.66 0.00	18.55 0.61 0.00	18.37 0.69 0.00	19.79 0.72 0.00	23.11 1.08 0.00	23.26 1.33 0.00	30.10 1.43 0.00	46.68 1.10 0.00	28.67 0.81 0.00	20.87 0.72 0.00	20.78 0.61 0.00
NORTHPORT___2 23552	23.66 0.68 0.00	22.72 0.66 0.00	20.52 0.56 0.00	20.32 0.48 0.00	19.98 0.49 0.00	19.39 0.47 0.00	20.22 0.54 0.00	20.23 0.51 0.00	19.94 0.48 0.00	20.34 0.48 0.00	20.24 0.64 0.00	19.02 0.65 0.00	18.50 0.58 0.00	18.61 0.66 0.00	18.55 0.61 0.00	18.37 0.69 0.00	19.79 0.72 0.00	23.11 1.08 0.00	23.26 1.33 0.00	30.10 1.43 0.00	46.68 1.10 0.00	28.67 0.81 0.00	20.87 0.72 0.00	20.78 0.61 0.00
NORTHPORT___3 23553	23.61 0.63 0.00	22.64 0.58 0.00	20.45 0.48 0.00	20.25 0.41 0.00	19.91 0.42 0.00	19.34 0.41 0.00	20.16 0.48 0.00	20.18 0.47 0.00	19.90 0.43 0.00	20.26 0.41 0.00	20.14 0.54 0.00	18.92 0.55 0.00	18.42 0.50 0.00	18.52 0.57 0.00	18.49 0.54 0.00	18.31 0.62 0.00	19.75 0.67 0.00	23.07 1.03 0.00	23.22 1.29 0.00	30.04 1.38 0.00	46.69 1.11 0.00	28.62 0.76 0.00	20.80 0.64 0.00	20.70 0.52 0.00
NORTHPORT___4 23650	23.61 0.63 0.00	22.64 0.58 0.00	20.45 0.48 0.00	20.25 0.41 0.00	19.91 0.42 0.00	19.34 0.41 0.00	20.16 0.48 0.00	20.18 0.47 0.00	19.90 0.43 0.00	20.26 0.41 0.00	20.14 0.54 0.00	18.92 0.55 0.00	18.42 0.50 0.00	18.52 0.57 0.00	18.49 0.54 0.00	18.31 0.62 0.00	19.75 0.67 0.00	23.07 1.03 0.00	23.22 1.29 0.00	30.04 1.38 0.00	46.69 1.11 0.00	28.62 0.76 0.00	20.80 0.64 0.00	20.70 0.52 0.00
NORTHPORT___IC 23718	23.66 0.68 0.00	22.72 0.66 0.00	20.52 0.56 0.00	20.32 0.49 0.00	19.98 0.49 0.00	19.39 0.47 0.00	20.21 0.53 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.33 0.48 0.00	20.24 0.64 0.00	19.02 0.65 0.00	18.50 0.58 0.00	18.61 0.66 0.00	18.55 0.61 0.00	18.36 0.68 0.00	19.79 0.72 0.00	23.11 1.08 0.00	23.26 1.33 0.00	30.10 1.44 0.00	46.68 1.11 0.00	28.67 0.81 0.00	20.87 0.72 0.00	20.78 0.61 0.00
NORTH___COUNTRY_ESR 323785	24.20 1.22 0.00	23.28 1.22 0.00	21.11 1.15 0.00	20.98 1.14 0.00	20.54 1.05 0.00	19.91 0.99 0.00	20.71 1.03 0.00	20.71 1.01 0.00	20.52 1.06 0.00	20.97 1.12 0.00	20.65 1.05 0.00	19.28 0.91 0.00	18.77 0.86 0.00	18.76 0.81 0.00	18.68 0.74 0.00	18.39 0.71 0.00	19.90 0.83 0.00	22.81 0.77 0.00	22.39 0.46 0.00	29.46 0.80 0.00	47.11 1.53 0.00	28.83 0.97 0.00	20.98 0.83 0.00	20.99 0.82 0.00
NPX_GEN_1385_PROXY 323591	23.37 0.39 0.00	22.59 0.54 0.00	20.45 0.48 0.00	20.25 0.41 0.00	19.88 0.39 0.00	19.23 0.31 0.00	20.16 0.48 0.00	20.17 0.46 0.00	19.89 0.42 0.00	20.33 0.48 0.00	20.24 0.64 0.00	19.01 0.64 0.00	18.48 0.56 0.00	18.52 0.56 0.00	18.51 0.57 0.00	18.34 0.66 0.00	19.74 0.67 0.00	23.11 1.08 0.00	23.26 1.33 0.00	30.07 1.41 0.00	45.00 0.76 1.34	28.40 0.54 0.00	20.75 0.60 0.00	20.72 0.54 0.00
NPX_GEN_CSC 323557	23.60 0.62 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.45 0.00	19.34 0.41 0.00	20.14 0.46 0.00	20.17 0.46 0.00	19.95 0.48 0.00	20.36 0.51 0.00	20.24 0.64 0.00	19.03 0.67 0.00	18.53 0.61 0.00	18.66 0.70 0.00	18.54 0.59 0.00	18.36 0.68 0.00	19.80 0.73 0.00	23.16 1.13 0.00	23.36 1.43 0.00	30.21 1.56 0.00	45.56 1.32 1.34	28.71 0.85 0.00	20.84 0.69 0.00	20.77 0.60 0.00
NSINS_S_GLNS_FALLS 23858	23.53 0.55 0.00	22.49 0.43 0.00	20.37 0.41 0.00	20.29 0.45 0.00	19.93 0.44 0.00	19.34 0.42 0.00	20.19 0.52 0.00	20.27 0.55 0.00	20.13 0.66 0.00	20.58 0.72 0.00	20.25 0.65 0.00	18.94 0.58 0.00	18.44 0.52 0.00	18.50 0.55 0.00	18.54 0.60 0.00	18.31 0.63 0.00	19.77 0.70 0.00	23.12 1.08 0.00	23.12 1.19 0.00	29.99 1.33 0.00	47.07 1.50 0.00	28.61 0.75 0.00	20.56 0.41 0.00	20.51 0.34 0.00
NUCOR_STEEL___DRP 24197	22.68 -0.30 0.00	21.85 -0.21 0.00	19.67 -0.30 0.00	19.53 -0.31 0.00	19.21 -0.28 0.00	18.66 -0.27 0.00	19.36 -0.32 0.00	19.49 -0.22 0.00	19.24 -0.23 0.00	19.51 -0.35 0.00	19.33 -0.26 0.00	18.18 -0.19 0.00	17.73 -0.18 0.00	17.72 -0.23 0.00	17.75 -0.20 0.00	17.54 -0.14 0.00	18.86 -0.20 0.00	21.87 -0.16 0.00	21.79 -0.14 0.00	28.51 -0.15 0.00	45.28 -0.30 0.00	27.68 -0.18 0.00	20.00 -0.15 0.00	20.07 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	23.35 0.37 0.00	22.40 0.34 0.00	20.27 0.30 0.00	20.14 0.30 0.00	19.75 0.26 0.00	19.20 0.28 0.00	19.97 0.30 0.00	20.05 0.34 0.00	19.86 0.40 0.00	20.28 0.43 0.00	19.98 0.39 0.00	18.70 0.34 0.00	18.23 0.32 0.00	18.20 0.24 0.00	18.20 0.25 0.00	17.99 0.31 0.00	19.46 0.39 0.00	22.51 0.47 0.00	22.45 0.52 0.00	29.37 0.71 0.00	46.53 0.96 0.00	28.35 0.49 0.00	20.43 0.27 0.00	20.38 0.21 0.00
NYISO_LBMP_REFERENCE 24008	22.98 0.00 0.00	22.06 0.00 0.00	19.96 0.00 0.00	19.84 0.00 0.00	19.49 0.00 0.00	18.93 0.00 0.00	19.68 0.00 0.00	19.71 0.00 0.00	19.47 0.00 0.00	19.85 0.00 0.00	19.60 0.00 0.00	18.37 0.00 0.00	17.92 0.00 0.00	17.95 0.00 0.00	17.94 0.00 0.00	17.68 0.00 0.00	19.07 0.00 0.00	22.04 0.00 0.00	21.93 0.00 0.00	28.66 0.00 0.00	45.58 0.00 0.00	27.86 0.00 0.00	20.15 0.00 0.00	20.17 0.00 0.00
NYPA_BRENTWD___GT 24164	23.88 0.90 0.00	22.90 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.13 0.64 0.00	19.55 0.63 0.00	20.38 0.70 0.00	20.40 0.69 0.00	20.12 0.65 0.00	20.49 0.63 0.00	20.36 0.76 0.00	19.12 0.75 0.00	18.60 0.68 0.00	18.72 0.77 0.00	18.67 0.73 0.00	18.51 0.83 0.00	19.98 0.91 0.00	23.37 1.33 0.00	23.55 1.62 0.00	30.47 1.81 0.00	47.29 1.71 0.00	29.00 1.14 0.00	21.06 0.91 0.00	20.95 0.78 0.00
NYPA_GOWANUS___GT5 24156	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00
NYPA_GOWANUS___GT6 24157	23.68 0.70 0.00	22.62 0.56 0.00	20.45 0.49 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.23 0.54 0.00	20.30 0.59 0.00	20.02 0.55 0.00	20.38 0.52 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.41 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.32 0.64 0.00	19.76 0.69 0.00	23.04 1.01 0.00	23.16 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.89 0.00	20.78 0.63 0.00	20.62 0.44 0.00

NYPA_HARLEM__RVR__GT1 24160	23.47 0.49 0.00	22.48 0.42 0.00	20.35 0.38 0.00	20.16 0.32 0.00	19.82 0.33 0.00	19.29 0.36 0.00	20.12 0.45 0.00	20.18 0.47 0.00	19.93 0.47 0.00	20.24 0.39 0.00	20.10 0.50 0.00	18.82 0.46 0.00	18.29 0.37 0.00	18.44 0.44 0.00	18.40 0.46 0.00	18.21 0.53 0.00	19.63 0.56 0.00	22.87 0.84 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.35 0.78 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
NYPA_HARLEM__RVR__GT2 24161	23.47 0.49 0.00	22.48 0.42 0.00	20.35 0.38 0.00	20.16 0.32 0.00	19.82 0.33 0.00	19.29 0.36 0.00	20.12 0.45 0.00	20.18 0.47 0.00	19.93 0.47 0.00	20.24 0.39 0.00	20.10 0.50 0.00	18.82 0.46 0.00	18.29 0.37 0.00	18.44 0.49 0.00	18.40 0.46 0.00	18.21 0.53 0.00	19.63 0.56 0.00	22.87 0.84 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.35 0.78 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
NYPA_KENT____GT 24152	23.61 0.64 0.00	22.59 0.53 0.00	20.43 0.46 0.00	20.24 0.40 0.00	19.90 0.41 0.00	19.37 0.45 0.00	20.21 0.53 0.00	20.28 0.57 0.00	20.00 0.53 0.00	20.37 0.51 0.00	20.16 0.57 0.00	18.92 0.56 0.00	18.40 0.48 0.00	18.53 0.57 0.00	18.49 0.55 0.00	18.30 0.62 0.00	19.74 0.67 0.00	23.01 0.97 0.00	23.12 1.19 0.00	29.87 1.21 0.00	46.63 1.06 0.00	28.69 0.83 0.00	20.73 0.58 0.00	20.57 0.39 0.00
NYPA_POUCH1____GT 24155	23.65 0.68 0.00	22.56 0.50 0.00	20.41 0.44 0.00	20.21 0.37 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.18 0.50 0.00	20.25 0.53 0.00	19.96 0.49 0.00	20.32 0.46 0.00	20.11 0.52 0.00	18.87 0.51 0.00	18.36 0.44 0.00	18.49 0.53 0.00	18.45 0.50 0.00	18.25 0.57 0.00	19.69 0.62 0.00	22.97 0.93 0.00	23.08 1.15 0.00	29.81 1.15 0.00	46.51 0.95 0.02	28.71 0.85 0.00	20.75 0.60 0.00	20.59 0.41 0.00
NYPA_VERNON____GT2 24162	23.56 0.58 0.00	22.56 0.50 0.00	20.41 0.45 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.43 0.00	20.19 0.51 0.00	20.27 0.55 0.00	19.99 0.51 0.00	20.35 0.49 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.46 0.00	18.51 0.55 0.00	18.47 0.53 0.00	18.28 0.60 0.00	19.72 0.64 0.00	22.98 0.95 0.00	23.09 1.16 0.00	29.84 1.18 0.00	46.59 1.01 0.00	28.62 0.76 0.00	20.68 0.53 0.00	20.52 0.35 0.00
NYPA_VERNON____GT3 24163	23.56 0.58 0.00	22.56 0.50 0.00	20.41 0.45 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.43 0.00	20.19 0.51 0.00	20.27 0.55 0.00	19.99 0.51 0.00	20.35 0.49 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.46 0.00	18.51 0.55 0.00	18.47 0.53 0.00	18.28 0.60 0.00	19.72 0.64 0.00	22.98 0.95 0.00	23.09 1.16 0.00	29.84 1.18 0.00	46.59 1.01 0.00	28.62 0.76 0.00	20.68 0.53 0.00	20.52 0.35 0.00
NYPA__ASTORIA_CC1 323568	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.95 0.48 0.00	20.30 0.45 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.66 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.48 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
NYPA__ASTORIA_CC2 323569	23.50 0.52 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.95 0.48 0.00	20.30 0.45 0.00	20.10 0.51 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.46 0.51 0.00	18.43 0.49 0.00	18.24 0.55 0.00	19.66 0.59 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.76 1.10 0.00	46.48 0.90 0.00	28.56 0.70 0.00	20.63 0.48 0.00	20.47 0.30 0.00
NYPA__HOLTSVILL 23794	23.69 0.71 0.00	22.74 0.68 0.00	20.53 0.56 0.00	20.32 0.48 0.00	19.99 0.49 0.00	19.40 0.48 0.00	20.22 0.54 0.00	20.25 0.53 0.00	19.99 0.52 0.00	20.38 0.52 0.00	20.24 0.64 0.00	19.02 0.66 0.00	18.51 0.59 0.00	18.63 0.68 0.00	18.56 0.61 0.00	18.39 0.71 0.00	19.84 0.77 0.00	23.20 1.16 0.00	23.38 1.46 0.00	30.25 1.59 0.00	46.97 1.40 0.00	28.79 0.93 0.00	20.91 0.76 0.00	20.81 0.64 0.00
NYPA__HELLGATE_GT1 24158	23.47 0.49 0.00	22.48 0.42 0.00	20.35 0.38 0.00	20.16 0.32 0.00	19.82 0.33 0.00	19.29 0.36 0.00	20.12 0.45 0.00	20.18 0.47 0.00	19.93 0.47 0.00	20.24 0.39 0.00	20.10 0.50 0.00	18.82 0.46 0.00	18.29 0.37 0.00	18.44 0.49 0.00	18.40 0.46 0.00	18.21 0.53 0.00	19.63 0.56 0.00	22.87 0.84 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.37 0.79 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
NYPA__HELLGATE_GT2 24159	23.47 0.49 0.00	22.48 0.42 0.00	20.35 0.38 0.00	20.16 0.32 0.00	19.82 0.33 0.00	19.29 0.36 0.00	20.12 0.45 0.00	20.18 0.47 0.00	19.93 0.47 0.00	20.24 0.39 0.00	20.10 0.50 0.00	18.82 0.46 0.00	18.29 0.37 0.00	18.44 0.49 0.00	18.40 0.46 0.00	18.21 0.53 0.00	19.63 0.56 0.00	22.87 0.84 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.37 0.79 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.45 0.27 0.00
NYS_BARGE__HYD 23848	21.71 -1.26 0.00	20.89 -1.17 0.00	18.86 -1.10 0.00	18.66 -1.18 0.00	18.39 -1.10 0.00	17.78 -1.15 0.00	18.17 -1.52 0.00	18.00 -1.71 0.00	17.85 -1.62 0.00	18.39 -1.47 0.00	18.20 -1.40 0.00	17.25 -1.11 0.00	16.93 -0.99 0.00	16.76 -1.19 0.00	16.80 -1.14 0.00	16.65 -1.04 0.00	17.74 -1.33 0.00	20.32 -1.72 0.00	20.31 -1.62 0.00	26.18 -2.48 0.00	41.10 -4.48 0.00	25.27 -2.59 0.00	18.42 -1.73 0.00	18.66 -1.52 0.00
OAK_ORCHARD__HYD 24046	22.12 -0.86 0.00	21.26 -0.80 0.00	19.21 -0.76 0.00	19.03 -0.82 0.00	18.74 -0.76 0.00	18.15 -0.78 0.00	18.70 -0.98 0.00	18.65 -1.06 0.00	18.46 -1.01 0.00	18.93 -0.92 0.00	18.73 -0.87 0.00	17.67 -0.70 0.00	17.29 -0.63 0.00	17.21 -0.74 0.00	17.25 -0.69 0.00	17.05 -0.64 0.00	18.26 -0.81 0.00	21.04 -1.00 0.00	21.05 -0.88 0.00	27.32 -1.34 0.00	43.14 -2.43 0.00	26.41 -1.45 0.00	19.16 -0.99 0.00	19.31 -0.86 0.00
OAKDALE__35_KV_LOAD 356122	22.75 -0.23 0.00	21.85 -0.21 0.00	19.69 -0.28 0.00	19.58 -0.26 0.00	19.26 -0.23 0.00	18.71 -0.21 0.00	19.42 -0.27 0.00	19.49 -0.22 0.00	19.18 -0.29 0.00	19.58 -0.27 0.00	19.37 -0.22 0.00	18.18 -0.18 0.00	17.73 -0.18 0.00	17.75 -0.20 0.00	17.78 -0.16 0.00	17.58 -0.10 0.00	18.92 -0.15 0.00	21.93 -0.11 0.00	21.88 -0.05 0.00	28.54 -0.12 0.00	45.05 -0.52 0.00	27.54 -0.32 0.00	19.93 -0.22 0.00	19.90 -0.27 0.00
OCC_CHEM__DRP 24175	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.37 0.00	18.38 -1.46 0.00	18.12 -1.37 0.00	17.51 -1.42 0.00	17.89 -1.79 0.00	17.71 -2.00 0.00	17.58 -1.89 0.00	18.09 -1.76 0.00	17.83 -1.77 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.39 0.00	17.34 -1.73 0.00	19.84 -2.20 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.14 -5.44 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00

OH_GEN_PROXY 24063	21.54 -1.43 0.00	20.74 -1.32 0.00	18.72 -1.25 0.00	18.53 -1.31 0.00	18.26 -1.24 0.00	17.64 -1.28 0.00	18.05 -1.63 0.00	17.91 -1.80 0.00	17.75 -1.71 0.00	18.27 -1.58 0.00	18.09 -1.50 0.00	17.13 -1.23 0.00	16.82 -1.10 0.00	16.67 -1.28 0.00	16.71 -1.23 0.00	16.54 -1.15 0.00	17.61 -1.46 0.00	20.17 -1.87 0.00	20.14 -1.79 0.00	26.01 -2.65 0.00	39.56 -4.67 1.34	25.15 -2.71 0.00	18.33 -1.83 0.00	18.55 -1.62 0.00
OLIN_CORP_DRP 24177	21.40 -1.58 0.00	20.60 -1.46 0.00	18.61 -1.36 0.00	18.40 -1.44 0.00	18.14 -1.35 0.00	17.53 -1.40 0.00	17.91 -1.77 0.00	17.72 -1.99 0.00	17.59 -1.87 0.00	18.10 -1.76 0.00	17.90 -1.69 0.00	16.99 -1.37 0.00	16.69 -1.23 0.00	16.51 -1.44 0.00	16.55 -1.39 0.00	16.40 -1.29 0.00	17.45 -1.62 0.00	19.97 -2.06 0.00	19.97 -1.96 0.00	25.73 -2.93 0.00	40.42 -5.16 0.00	24.87 -2.98 0.00	18.16 -1.99 0.00	18.39 -1.78 0.00
OLIN_CORP_DSASP 323712	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.38 0.00	18.39 -1.45 0.00	18.12 -1.37 0.00	17.50 -1.42 0.00	17.89 -1.79 0.00	17.70 -2.01 0.00	17.56 -1.91 0.00	18.09 -1.77 0.00	17.84 -1.75 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.40 0.00	17.34 -1.73 0.00	19.84 -2.19 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.13 -5.45 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
ONEIDA_HERK_LFGE 323681	23.37 0.39 0.00	22.41 0.35 0.00	20.28 0.31 0.00	20.15 0.31 0.00	19.79 0.30 0.00	19.23 0.30 0.00	20.00 0.32 0.00	20.07 0.36 0.00	19.84 0.37 0.00	20.26 0.40 0.00	19.97 0.37 0.00	18.71 0.35 0.00	18.25 0.33 0.00	18.25 0.30 0.00	18.27 0.32 0.00	18.04 0.36 0.00	19.48 0.42 0.00	22.58 0.54 0.00	22.53 0.60 0.00	29.41 0.75 0.00	46.59 1.01 0.00	28.39 0.54 0.00	20.48 0.33 0.00	20.47 0.30 0.00
ONEIDA___115KV_TB4 55905	23.35 0.37 0.00	22.40 0.33 0.00	20.25 0.28 0.00	20.12 0.28 0.00	19.77 0.28 0.00	19.21 0.29 0.00	19.98 0.30 0.00	20.04 0.33 0.00	19.79 0.32 0.00	20.20 0.34 0.00	19.93 0.33 0.00	18.70 0.34 0.00	18.22 0.31 0.00	18.25 0.30 0.00	18.29 0.35 0.00	18.06 0.38 0.00	19.50 0.42 0.00	22.61 0.57 0.00	22.59 0.66 0.00	29.45 0.79 0.00	46.64 1.07 0.00	28.43 0.57 0.00	20.50 0.35 0.00	20.52 0.34 0.00
ONONDAGA_REF_OCCRA 23987	22.57 -0.40 0.00	21.66 -0.40 0.00	19.58 -0.39 0.00	19.45 -0.39 0.00	19.13 -0.36 0.00	18.59 -0.34 0.00	19.29 -0.39 0.00	19.33 -0.38 0.00	19.06 -0.41 0.00	19.42 -0.44 0.00	19.19 -0.40 0.00	18.04 -0.32 0.00	17.61 -0.31 0.00	17.63 -0.33 0.00	17.64 -0.30 0.00	17.40 -0.28 0.00	18.74 -0.33 0.00	21.71 -0.33 0.00	21.71 -0.23 0.00	28.37 -0.29 0.00	45.07 -0.50 0.00	27.51 -0.35 0.00	19.90 -0.25 0.00	19.97 -0.20 0.00
ONONDAGA___COGEN 23986	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
ONTARIO___LFGE 23819	22.68 -0.29 0.00	21.78 -0.27 0.00	19.64 -0.33 0.00	19.51 -0.33 0.00	19.19 -0.30 0.00	18.66 -0.27 0.00	19.33 -0.35 0.00	19.41 -0.30 0.00	19.14 -0.33 0.00	19.55 -0.31 0.00	19.34 -0.26 0.00	18.14 -0.23 0.00	17.67 -0.25 0.00	17.63 -0.33 0.00	17.67 -0.28 0.00	17.50 -0.19 0.00	18.86 -0.21 0.00	21.88 -0.16 0.00	21.87 -0.06 0.00	28.46 -0.21 0.00	44.80 -0.78 0.00	27.43 -0.42 0.00	19.80 -0.35 0.00	19.79 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	21.98 -1.00 0.00	21.15 -0.91 0.00	19.07 -0.90 0.00	18.88 -0.96 0.00	18.60 -0.89 0.00	17.99 -0.93 0.00	18.41 -1.27 0.00	18.29 -1.42 0.00	18.09 -1.37 0.00	18.63 -1.22 0.00	18.47 -1.13 0.00	17.48 -0.89 0.00	17.14 -0.77 0.00	16.97 -0.98 0.00	17.02 -0.93 0.00	16.86 -0.83 0.00	17.98 -1.09 0.00	20.60 -1.43 0.00	20.55 -1.39 0.00	26.45 -2.22 0.00	41.46 -4.12 0.00	25.38 -2.48 0.00	18.42 -1.74 0.00	18.61 -1.57 0.00
ORANGEVILLE___ESR 323794	21.98 -1.00 0.00	21.15 -0.91 0.00	19.07 -0.90 0.00	18.88 -0.96 0.00	18.60 -0.89 0.00	17.99 -0.93 0.00	18.41 -1.27 0.00	18.29 -1.42 0.00	18.09 -1.37 0.00	18.63 -1.22 0.00	18.47 -1.13 0.00	17.48 -0.89 0.00	17.14 -0.77 0.00	16.97 -0.98 0.00	17.02 -0.93 0.00	16.86 -0.83 0.00	17.98 -1.09 0.00	20.60 -1.43 0.00	20.55 -1.39 0.00	26.45 -2.22 0.00	41.46 -4.12 0.00	25.38 -2.48 0.00	18.42 -1.74 0.00	18.61 -1.57 0.00
OSWEGATCHIE___HYD 24044	23.48 0.50 0.00	22.54 0.48 0.00	20.42 0.46 0.00	20.29 0.45 0.00	19.87 0.38 0.00	19.35 0.42 0.00	20.12 0.44 0.00	20.15 0.44 0.00	20.00 0.53 0.00	20.43 0.58 0.00	20.13 0.53 0.00	18.81 0.44 0.00	18.33 0.41 0.00	18.28 0.32 0.00	18.23 0.29 0.00	17.98 0.30 0.00	19.40 0.33 0.00	22.26 0.23 0.00	22.12 0.19 0.00	29.06 0.40 0.00	46.30 0.73 0.00	28.29 0.43 0.00	20.46 0.31 0.00	20.43 0.26 0.00
OSWEGO___5 23606	22.21 -0.76 0.00	21.33 -0.73 0.00	19.29 -0.67 0.00	19.16 -0.68 0.00	18.85 -0.64 0.00	18.30 -0.63 0.00	18.99 -0.69 0.00	19.03 -0.68 0.00	18.76 -0.70 0.00	19.10 -0.75 0.00	18.88 -0.72 0.00	17.73 -0.63 0.00	17.31 -0.60 0.00	17.33 -0.62 0.00	17.33 -0.61 0.00	17.07 -0.62 0.00	18.39 -0.68 0.00	21.29 -0.75 0.00	21.26 -0.67 0.00	27.83 -0.83 0.00	44.32 -1.26 0.00	27.08 -0.78 0.00	19.60 -0.55 0.00	19.70 -0.47 0.00
OSWEGO___6 23613	22.21 -0.76 0.00	21.33 -0.73 0.00	19.29 -0.67 0.00	19.16 -0.68 0.00	18.85 -0.64 0.00	18.30 -0.63 0.00	18.99 -0.69 0.00	19.03 -0.68 0.00	18.76 -0.70 0.00	19.10 -0.75 0.00	18.88 -0.72 0.00	17.73 -0.63 0.00	17.31 -0.60 0.00	17.33 -0.62 0.00	17.33 -0.61 0.00	17.07 -0.62 0.00	18.39 -0.68 0.00	21.29 -0.75 0.00	21.26 -0.67 0.00	27.83 -0.83 0.00	44.32 -1.26 0.00	27.08 -0.78 0.00	19.60 -0.55 0.00	19.70 -0.47 0.00
OUTOKUMPU-AB___DRP 24206	21.89 -1.08 0.00	21.07 -0.99 0.00	19.02 -0.95 0.00	18.81 -1.03 0.00	18.54 -0.95 0.00	17.93 -1.00 0.00	18.32 -1.35 0.00	18.17 -1.54 0.00	18.04 -1.43 0.00	18.56 -1.29 0.00	18.33 -1.26 0.00	17.37 -0.99 0.00	17.05 -0.87 0.00	16.89 -1.07 0.00	16.93 -1.01 0.00	16.77 -0.91 0.00	17.87 -1.20 0.00	20.47 -1.57 0.00	20.46 -1.47 0.00	26.38 -2.28 0.00	41.43 -4.14 0.00	25.45 -2.41 0.00	18.56 -1.60 0.00	18.80 -1.37 0.00
OXBOW___BTM 323836	21.64 -1.34 0.00	20.83 -1.23 0.00	18.81 -1.16 0.00	18.61 -1.23 0.00	18.33 -1.16 0.00	17.72 -1.21 0.00	18.11 -1.57 0.00	17.94 -1.77 0.00	17.79 -1.67 0.00	18.33 -1.52 0.00	18.11 -1.49 0.00	17.14 -1.23 0.00	16.84 -1.08 0.00	16.66 -1.29 0.00	16.70 -1.25 0.00	16.54 -1.14 0.00	17.62 -1.45 0.00	20.18 -1.87 0.00	20.16 -1.77 0.00	25.98 -2.68 0.00	40.81 -4.77 0.00	25.09 -2.77 0.00	18.31 -1.84 0.00	18.59 -1.58 0.00

OXBOW____ 24026	21.64 -1.34 0.00	20.83 -1.23 0.00	18.81 -1.16 0.00	18.60 -1.24 0.00	18.34 -1.16 0.00	17.72 -1.21 0.00	18.11 -1.57 0.00	17.95 -1.76 0.00	17.82 -1.65 0.00	18.33 -1.52 0.00	18.09 -1.51 0.00	17.14 -1.23 0.00	16.83 -1.08 0.00	16.66 -1.29 0.00	16.70 -1.25 0.00	16.55 -1.14 0.00	17.62 -1.45 0.00	20.17 -1.87 0.00	20.16 -1.77 0.00	25.98 -2.68 0.00	40.80 -4.78 0.00	25.09 -2.77 0.00	18.31 -1.84 0.00	18.59 -1.58 0.00
OXY_CHEM_DSASP 323612	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.37 0.00	18.38 -1.46 0.00	18.12 -1.37 0.00	17.51 -1.42 0.00	17.89 -1.79 0.00	17.71 -2.00 0.00	17.58 -1.89 0.00	18.09 -1.76 0.00	17.83 -1.77 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.39 0.00	17.34 -1.73 0.00	19.84 -2.20 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.14 -5.44 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
OZONE_PARK_ESR 323760	23.72 0.74 0.00	22.74 0.68 0.00	20.56 0.59 0.00	20.38 0.54 0.00	20.03 0.54 0.00	19.50 0.57 0.00	20.33 0.64 0.00	20.40 0.69 0.00	20.12 0.65 0.00	20.50 0.64 0.00	20.29 0.69 0.00	19.04 0.68 0.00	18.52 0.60 0.00	18.64 0.69 0.00	18.61 0.66 0.00	18.41 0.72 0.00	19.87 0.80 0.00	23.17 1.13 0.00	23.28 1.35 0.00	30.09 1.43 0.00	46.98 1.41 0.00	28.82 0.96 0.00	20.83 0.68 0.00	20.66 0.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.37 0.00	18.38 -1.46 0.00	18.12 -1.37 0.00	17.51 -1.42 0.00	17.89 -1.79 0.00	17.71 -2.00 0.00	17.58 -1.89 0.00	18.09 -1.76 0.00	17.83 -1.77 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.39 0.00	17.34 -1.73 0.00	19.84 -2.20 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.14 -5.44 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
PACKARD__115KV_DUPONT_184 80571	21.37 -1.60 0.00	20.58 -1.48 0.00	18.59 -1.37 0.00	18.38 -1.46 0.00	18.12 -1.37 0.00	17.51 -1.42 0.00	17.89 -1.79 0.00	17.71 -2.00 0.00	17.58 -1.89 0.00	18.09 -1.76 0.00	17.83 -1.77 0.00	16.89 -1.47 0.00	16.59 -1.33 0.00	16.42 -1.53 0.00	16.45 -1.49 0.00	16.29 -1.39 0.00	17.34 -1.73 0.00	19.84 -2.20 0.00	19.83 -2.10 0.00	25.54 -3.12 0.00	40.14 -5.44 0.00	24.71 -3.15 0.00	18.05 -2.10 0.00	18.37 -1.81 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.45 0.47 0.00	22.51 0.45 0.00	20.36 0.40 0.00	20.18 0.34 0.00	19.82 0.33 0.00	19.29 0.37 0.00	20.12 0.44 0.00	20.19 0.48 0.00	19.92 0.46 0.00	20.27 0.41 0.00	20.10 0.50 0.00	18.84 0.47 0.00	18.30 0.38 0.00	18.43 0.48 0.00	18.40 0.46 0.00	18.19 0.51 0.00	19.62 0.55 0.00	22.87 0.83 0.00	22.99 1.06 0.00	29.72 1.06 0.00	46.39 0.82 0.00	28.54 0.68 0.00	20.59 0.44 0.00	20.44 0.27 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.61 0.64 0.00	22.64 0.57 0.00	20.48 0.51 0.00	20.29 0.45 0.00	19.93 0.44 0.00	19.41 0.48 0.00	20.25 0.56 0.00	20.31 0.59 0.00	20.04 0.57 0.00	20.37 0.51 0.00	20.21 0.61 0.00	18.91 0.55 0.00	18.35 0.43 0.00	18.52 0.57 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.73 0.66 0.00	23.00 0.96 0.00	23.12 1.19 0.00	29.90 1.23 0.00	46.65 1.08 0.00	28.72 0.86 0.00	20.70 0.55 0.00	20.55 0.37 0.00
PATROON__115KV_TB1 80586	23.30 0.32 0.00	22.36 0.30 0.00	20.27 0.31 0.00	20.16 0.33 0.00	19.80 0.31 0.00	19.19 0.27 0.00	19.99 0.31 0.00	20.01 0.31 0.00	19.77 0.31 0.00	20.21 0.36 0.00	19.90 0.30 0.00	18.66 0.29 0.00	18.23 0.31 0.00	18.34 0.39 0.00	18.34 0.39 0.00	18.08 0.39 0.00	19.46 0.39 0.00	22.59 0.56 0.00	22.60 0.67 0.00	29.35 0.69 0.00	46.28 0.71 0.00	28.25 0.39 0.00	20.46 0.31 0.00	20.44 0.27 0.00
PATTRSNVILLE__SOLAR 323815	23.49 0.52 0.00	22.52 0.46 0.00	20.38 0.42 0.00	20.26 0.42 0.00	19.90 0.41 0.00	19.31 0.39 0.00	20.11 0.43 0.00	20.15 0.43 0.00	19.91 0.45 0.00	20.31 0.45 0.00	20.02 0.42 0.00	18.76 0.40 0.00	18.31 0.40 0.00	18.41 0.45 0.00	18.41 0.47 0.00	18.16 0.48 0.00	19.62 0.55 0.00	22.79 0.76 0.00	22.76 0.84 0.00	29.64 0.98 0.00	46.83 1.25 0.00	28.58 0.72 0.00	20.64 0.48 0.00	20.61 0.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.53 -0.45 0.00	21.67 -0.38 0.00	19.54 -0.43 0.00	19.34 -0.50 0.00	19.06 -0.43 0.00	18.44 -0.49 0.00	18.89 -0.79 0.00	18.78 -0.93 0.00	18.57 -0.89 0.00	19.11 -0.74 0.00	18.96 -0.63 0.00	17.95 -0.42 0.00	17.59 -0.33 0.00	17.45 -0.51 0.00	17.50 -0.44 0.00	17.33 -0.35 0.00	18.48 -0.59 0.00	21.20 -0.84 0.00	21.13 -0.80 0.00	27.31 -1.34 0.00	42.94 -2.63 0.00	26.36 -1.50 0.00	19.19 -0.96 0.00	19.35 -0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.70 0.72 0.00	22.70 0.65 0.00	20.53 0.56 0.00	20.36 0.52 0.00	20.02 0.52 0.00	19.47 0.54 0.00	20.30 0.61 0.00	20.37 0.65 0.00	20.09 0.62 0.00	20.48 0.62 0.00	20.24 0.65 0.00	18.99 0.62 0.00	18.46 0.54 0.00	18.57 0.62 0.00	18.56 0.61 0.00	18.34 0.66 0.00	19.82 0.75 0.00	23.13 1.09 0.00	23.23 1.30 0.00	30.09 1.43 0.00	47.14 1.57 0.00	28.83 0.97 0.00	20.82 0.67 0.00	20.70 0.52 0.00
PEEKSKILL____ 23653	23.50 0.52 0.00	22.52 0.46 0.00	20.35 0.39 0.00	20.17 0.34 0.00	19.84 0.35 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.90 0.43 0.00	20.27 0.42 0.00	20.04 0.45 0.00	18.82 0.45 0.00	18.31 0.39 0.00	18.43 0.47 0.00	18.40 0.46 0.00	18.20 0.52 0.00	19.64 0.58 0.00	22.91 0.88 0.00	23.00 1.07 0.00	29.77 1.11 0.00	46.64 1.06 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.51 0.34 0.00
PGE MADISON__WINDPWR 24146	24.48 1.50 0.00	23.55 1.50 0.00	21.19 1.22 0.00	21.07 1.23 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.96 1.28 0.00	21.08 1.37 0.00	20.85 1.38 0.00	21.32 1.46 0.00	21.03 1.43 0.00	19.79 1.42 0.00	19.25 1.34 0.00	19.25 1.29 0.00	19.32 1.38 0.00	19.13 1.45 0.00	20.66 1.59 0.00	24.06 2.02 0.00	24.08 2.15 0.00	31.33 2.67 0.00	49.31 3.74 0.00	29.94 2.08 0.00	21.46 1.31 0.00	21.37 1.20 0.00
PIERCEFIELD__HYD 23852	23.93 0.95 0.00	22.98 0.93 0.00	20.85 0.88 0.00	20.72 0.87 0.00	20.25 0.77 0.00	19.74 0.81 0.00	20.54 0.86 0.00	20.52 0.81 0.00	20.39 0.92 0.00	20.84 0.99 0.00	20.53 0.94 0.00	19.15 0.79 0.00	18.67 0.76 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.22 0.53 0.00	19.59 0.52 0.00	22.31 0.28 0.00	22.07 0.14 0.00	29.12 0.46 0.00	46.66 1.09 0.00	28.59 0.73 0.00	20.75 0.60 0.00	20.74 0.57 0.00
PINELAWN_CC_1 323563	23.79 0.81 0.00	22.81 0.75 0.00	20.59 0.63 0.00	20.39 0.55 0.00	20.05 0.56 0.00	19.48 0.55 0.00	20.31 0.63 0.00	20.33 0.61 0.00	20.04 0.57 0.00	20.39 0.53 0.00	20.24 0.64 0.00	19.01 0.64 0.00	18.49 0.58 0.00	18.61 0.66 0.00	18.58 0.63 0.00	18.41 0.73 0.00	19.88 0.81 0.00	23.26 1.22 0.00	23.43 1.51 0.00	30.32 1.66 0.00	47.11 1.54 0.00	28.90 1.04 0.00	20.98 0.83 0.00	20.85 0.67 0.00

PJM_GEN_HTP_PROXY 323702	23.50 0.52 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.20 0.36 0.00	19.86 0.37 0.00	19.70 0.41 -0.37	20.22 0.48 -0.06	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.11 0.51 0.00	18.87 0.50 0.00	18.74 0.43 -0.39	18.47 0.52 0.00	18.44 0.50 0.00	18.25 0.56 0.00	19.69 0.62 0.00	22.86 0.92 0.10	23.06 1.13 0.00	29.80 1.14 0.00	46.97 0.96 -0.44	28.55 0.69 0.00	20.64 0.49 0.00	20.48 0.30 0.00
PJM_GEN_KEystone 24065	29.13 -0.21 -6.37	21.86 -0.20 0.00	19.72 -0.25 0.00	19.54 -0.31 0.00	19.23 -0.26 0.00	19.04 -0.25 -0.37	19.39 -0.35 -0.06	21.00 -0.35 -1.64	19.07 -0.39 0.00	19.52 -0.34 0.00	19.35 -0.25 0.00	18.21 -0.15 0.00	18.14 -0.16 -0.39	17.77 -0.19 0.00	17.78 -0.16 0.00	17.58 -0.10 0.00	18.39 -0.20 0.48	22.16 -0.16 -0.28	21.89 -0.04 0.00	29.22 -0.32 -0.89	45.90 -1.13 -1.46	27.27 -0.59 0.00	19.78 -0.37 0.00	19.75 -0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.58 0.60 0.00	22.61 0.55 0.00	20.42 0.45 0.00	20.23 0.39 0.00	19.89 0.40 0.00	19.70 0.41 -0.37	20.21 0.47 -0.06	20.19 0.48 0.00	19.90 0.43 0.00	20.27 0.42 0.00	20.12 0.52 0.00	18.89 0.53 0.00	18.77 0.47 -0.39	18.51 0.55 0.00	18.48 0.53 0.00	18.29 0.60 0.00	19.73 0.66 0.00	22.94 1.00 0.10	23.17 1.25 0.00	29.99 1.33 0.00	47.10 1.09 -0.44	28.63 0.77 0.00	20.77 0.62 0.00	20.65 0.47 0.00
PJM_GEN_VFT_PROXY 323633	23.37 0.39 0.00	22.43 0.37 0.00	20.28 0.32 0.00	20.10 0.26 0.00	19.76 0.27 0.00	19.62 0.32 -0.37	20.13 0.39 -0.06	20.14 0.43 0.00	19.85 0.39 0.00	20.22 0.37 0.00	20.01 0.41 0.00	18.79 0.42 0.00	18.65 0.35 -0.39	18.39 0.44 0.00	18.35 0.41 0.00	18.16 0.48 0.00	19.59 0.52 0.00	22.74 0.80 0.10	22.94 1.01 0.00	29.63 0.97 0.00	46.68 0.67 -0.44	28.37 0.51 0.00	20.51 0.36 0.00	20.34 0.17 0.00
PLATSBURG_115KV_PMLD1 355749	24.47 1.49 0.00	23.54 1.49 0.00	21.37 1.40 0.00	21.24 1.40 0.00	20.78 1.29 0.00	20.11 1.18 0.00	20.90 1.22 0.00	20.91 1.20 0.00	20.71 1.24 0.00	21.14 1.29 0.00	20.80 1.21 0.00	19.44 1.07 0.00	18.91 0.99 0.00	18.92 0.97 0.00	18.83 0.89 0.00	18.54 0.86 0.00	20.09 1.02 0.00	23.05 1.01 0.00	22.56 0.63 0.00	29.70 1.04 0.00	47.45 1.87 0.00	29.03 1.17 0.00	21.22 1.06 0.00	21.23 1.05 0.00
PLEASANTVLY__LBMP 24000	23.38 0.40 0.00	22.40 0.34 0.00	20.26 0.30 0.00	20.11 0.27 0.00	19.76 0.27 0.00	19.22 0.29 0.00	20.02 0.34 0.00	20.09 0.37 0.00	19.82 0.35 0.00	20.20 0.35 0.00	19.97 0.37 0.00	18.73 0.36 0.00	18.22 0.30 0.00	18.34 0.39 0.00	18.33 0.38 0.00	18.11 0.43 0.00	19.54 0.48 0.00	22.78 0.75 0.00	22.86 0.92 0.00	29.62 0.95 0.00	46.45 0.87 0.00	28.42 0.56 0.00	20.54 0.39 0.00	20.43 0.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.52 0.54 0.00	22.55 0.49 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.88 0.39 0.00	19.34 0.41 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.32 0.47 0.00	20.09 0.49 0.00	18.85 0.48 0.00	18.34 0.43 0.00	18.46 0.51 0.00	18.45 0.50 0.00	18.23 0.55 0.00	19.69 0.62 0.00	22.96 0.92 0.00	23.03 1.11 0.00	29.83 1.17 0.00	46.71 1.13 0.00	28.61 0.75 0.00	20.68 0.52 0.00	20.54 0.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.52 0.54 0.00	22.55 0.49 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.88 0.39 0.00	19.34 0.41 0.00	20.15 0.47 0.00	20.22 0.51 0.00	19.94 0.47 0.00	20.32 0.47 0.00	20.09 0.49 0.00	18.85 0.48 0.00	18.34 0.43 0.00	18.46 0.51 0.00	18.45 0.50 0.00	18.23 0.55 0.00	19.69 0.62 0.00	22.96 0.92 0.00	23.03 1.11 0.00	29.83 1.17 0.00	46.71 1.13 0.00	28.61 0.75 0.00	20.68 0.52 0.00	20.54 0.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.56 0.58 0.00	22.57 0.51 0.00	20.41 0.45 0.00	20.26 0.42 0.00	19.91 0.41 0.00	19.36 0.44 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.35 0.49 0.00	20.11 0.51 0.00	18.85 0.49 0.00	18.31 0.40 0.00	18.45 0.49 0.00	18.43 0.49 0.00	18.22 0.53 0.00	19.70 0.63 0.00	22.99 0.96 0.00	23.08 1.15 0.00	29.90 1.24 0.00	46.90 1.33 0.00	28.71 0.85 0.00	20.74 0.59 0.00	20.62 0.45 0.00
POLETTI____ 23519	23.46 0.48 0.00	22.50 0.44 0.00	20.35 0.39 0.00	20.18 0.34 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.13 0.45 0.00	20.21 0.50 0.00	19.92 0.45 0.00	20.30 0.45 0.00	20.09 0.49 0.00	18.86 0.49 0.00	18.33 0.42 0.00	18.45 0.50 0.00	18.43 0.48 0.00	18.23 0.55 0.00	19.67 0.60 0.00	22.92 0.88 0.00	23.03 1.10 0.00	29.75 1.09 0.00	46.45 0.87 0.00	28.51 0.65 0.00	20.61 0.46 0.00	20.45 0.27 0.00
POMONA____ESR 323819	23.54 0.57 0.00	22.57 0.51 0.00	20.39 0.42 0.00	20.20 0.36 0.00	19.87 0.38 0.00	19.34 0.41 0.00	20.16 0.48 0.00	20.22 0.51 0.00	19.93 0.46 0.00	20.30 0.44 0.00	20.08 0.48 0.00	18.84 0.48 0.00	18.34 0.42 0.00	18.45 0.50 0.00	18.43 0.49 0.00	18.23 0.54 0.00	19.68 0.61 0.00	22.95 0.92 0.00	23.04 1.11 0.00	29.82 1.16 0.00	46.73 1.16 0.00	28.64 0.78 0.00	20.70 0.55 0.00	20.56 0.38 0.00
PORT_JEFF_3 23555	23.73 0.75 0.00	22.78 0.72 0.00	20.56 0.60 0.00	20.36 0.52 0.00	20.02 0.53 0.00	19.44 0.51 0.00	20.25 0.57 0.00	20.29 0.57 0.00	20.03 0.56 0.00	20.40 0.55 0.00	20.27 0.67 0.00	19.05 0.69 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.59 0.64 0.00	18.42 0.74 0.00	19.88 0.81 0.00	23.25 1.22 0.00	23.44 1.52 0.00	30.33 1.67 0.00	47.07 1.50 0.00	28.85 0.99 0.00	20.95 0.80 0.00	20.85 0.67 0.00
PORT_JEFF_4 23616	23.73 0.75 0.00	22.78 0.72 0.00	20.56 0.60 0.00	20.36 0.52 0.00	20.02 0.53 0.00	19.44 0.51 0.00	20.25 0.57 0.00	20.29 0.57 0.00	20.03 0.56 0.00	20.40 0.55 0.00	20.27 0.67 0.00	19.05 0.69 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.59 0.64 0.00	18.42 0.74 0.00	19.88 0.81 0.00	23.25 1.22 0.00	23.44 1.52 0.00	30.33 1.67 0.00	47.07 1.50 0.00	28.85 0.99 0.00	20.95 0.80 0.00	20.85 0.67 0.00
PORT_JEFF_IC 23713	23.74 0.76 0.00	22.79 0.73 0.00	20.57 0.60 0.00	20.37 0.53 0.00	20.03 0.54 0.00	19.45 0.52 0.00	20.26 0.58 0.00	20.30 0.58 0.00	20.04 0.57 0.00	20.41 0.56 0.00	20.28 0.68 0.00	19.06 0.69 0.00	18.55 0.63 0.00	18.66 0.71 0.00	18.59 0.65 0.00	18.43 0.75 0.00	19.90 0.83 0.00	23.28 1.24 0.00	23.47 1.54 0.00	30.36 1.70 0.00	47.12 1.54 0.00	28.88 1.02 0.00	20.96 0.81 0.00	20.87 0.69 0.00
PPL PILGRIM_ST_GT1 24216	23.88 0.90 0.00	22.90 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.13 0.64 0.00	19.55 0.63 0.00	20.38 0.70 0.00	20.40 0.69 0.00	20.12 0.65 0.00	20.49 0.63 0.00	20.36 0.76 0.00	19.12 0.75 0.00	18.60 0.68 0.00	18.72 0.77 0.00	18.67 0.73 0.00	18.51 0.83 0.00	19.98 0.91 0.00	23.37 1.33 0.00	23.55 1.62 0.00	30.47 1.81 0.00	47.29 1.71 0.00	29.00 1.14 0.00	21.06 0.91 0.00	20.95 0.78 0.00

PPL PILGRIM_ST_GT2 24217	23.88 0.90 0.00	22.90 0.84 0.00	20.68 0.71 0.00	20.48 0.64 0.00	20.13 0.64 0.00	19.55 0.63 0.00	20.38 0.70 0.00	20.40 0.69 0.00	20.12 0.65 0.00	20.49 0.63 0.00	20.36 0.76 0.00	19.12 0.75 0.00	18.60 0.68 0.00	18.72 0.77 0.00	18.67 0.73 0.00	18.51 0.83 0.00	19.98 0.91 0.00	23.37 1.33 0.00	23.55 1.62 0.00	30.47 1.81 0.00	47.29 1.71 0.00	29.00 1.14 0.00	21.06 0.91 0.00	20.95 0.78 0.00
PPL_SHRM_GT3 24213	23.59 0.61 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.44 0.00	19.33 0.40 0.00	20.13 0.46 0.00	20.17 0.45 0.00	19.95 0.49 0.00	20.37 0.51 0.00	20.24 0.64 0.00	19.04 0.67 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.54 0.59 0.00	18.35 0.67 0.00	19.79 0.72 0.00	23.17 1.13 0.00	23.38 1.45 0.00	30.24 1.58 0.00	46.92 1.35 0.00	28.72 0.86 0.00	20.84 0.69 0.00	20.77 0.60 0.00
PPL_SHRM_GT4 24214	23.59 0.61 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.44 0.00	19.33 0.40 0.00	20.13 0.46 0.00	20.17 0.45 0.00	19.95 0.49 0.00	20.37 0.51 0.00	20.24 0.64 0.00	19.04 0.67 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.54 0.59 0.00	18.35 0.67 0.00	19.79 0.72 0.00	23.17 1.13 0.00	23.38 1.45 0.00	30.24 1.58 0.00	46.92 1.35 0.00	28.72 0.86 0.00	20.84 0.69 0.00	20.77 0.60 0.00
PROJECT___ORANGE 1 24174	22.41 -0.57 0.00	21.50 -0.56 0.00	19.44 -0.52 0.00	19.31 -0.53 0.00	18.99 -0.50 0.00	18.45 -0.47 0.00	19.15 -0.54 0.00	19.18 -0.53 0.00	18.91 -0.56 0.00	19.26 -0.59 0.00	19.04 -0.55 0.00	17.90 -0.46 0.00	17.48 -0.44 0.00	17.49 -0.46 0.00	17.50 -0.44 0.00	17.26 -0.42 0.00	18.58 -0.49 0.00	21.52 -0.52 0.00	21.52 -0.41 0.00	28.14 -0.52 0.00	44.72 -0.85 0.00	27.30 -0.55 0.00	19.77 -0.39 0.00	19.85 -0.32 0.00
PROJECT___ORANGE 2 24166	22.41 -0.57 0.00	21.50 -0.56 0.00	19.44 -0.52 0.00	19.31 -0.53 0.00	18.99 -0.50 0.00	18.45 -0.47 0.00	19.15 -0.54 0.00	19.18 -0.53 0.00	18.91 -0.56 0.00	19.26 -0.59 0.00	19.04 -0.55 0.00	17.90 -0.46 0.00	17.48 -0.44 0.00	17.49 -0.46 0.00	17.50 -0.44 0.00	17.26 -0.42 0.00	18.58 -0.49 0.00	21.52 -0.52 0.00	21.52 -0.41 0.00	28.14 -0.52 0.00	44.72 -0.85 0.00	27.30 -0.55 0.00	19.77 -0.39 0.00	19.85 -0.32 0.00
PUCKETT___SOLAR 323809	23.11 0.14 0.00	22.23 0.17 0.00	20.03 0.06 0.00	19.93 0.09 0.00	19.60 0.11 0.00	19.03 0.11 0.00	19.76 0.09 0.00	19.84 0.13 0.00	19.54 0.07 0.00	19.94 0.09 0.00	19.73 0.13 0.00	18.54 0.17 0.00	18.07 0.15 0.00	18.08 0.13 0.00	18.12 0.18 0.00	17.93 0.25 0.00	19.33 0.26 0.00	22.43 0.39 0.00	22.41 0.48 0.00	29.20 0.54 0.00	46.06 0.49 0.00	28.11 0.26 0.00	20.31 0.16 0.00	20.26 0.09 0.00
PYRITES___HYD 24023	24.30 1.32 0.00	23.35 1.29 0.00	21.16 1.20 0.00	21.02 1.18 0.00	20.58 1.09 0.00	20.04 1.12 0.00	20.85 1.18 0.00	20.84 1.13 0.00	20.70 1.24 0.00	21.18 1.32 0.00	20.84 1.24 0.00	19.44 1.08 0.00	18.94 1.02 0.00	18.86 0.91 0.00	18.80 0.86 0.00	18.52 0.84 0.00	19.97 0.90 0.00	22.77 0.74 0.00	22.51 0.57 0.00	29.64 0.98 0.00	47.48 1.90 0.00	29.06 1.20 0.00	21.07 0.92 0.00	21.06 0.89 0.00
QUAKERRD_115KV_BK1 80622	21.68 -1.29 0.00	20.83 -1.23 0.00	18.83 -1.14 0.00	18.67 -1.17 0.00	18.38 -1.12 0.00	17.82 -1.11 0.00	18.39 -1.29 0.00	18.37 -1.34 0.00	18.18 -1.29 0.00	18.59 -1.26 0.00	18.38 -1.21 0.00	17.33 -1.03 0.00	16.95 -0.97 0.00	16.89 -1.06 0.00	16.91 -1.03 0.00	16.71 -0.97 0.00	17.93 -1.15 0.00	20.68 -1.35 0.00	20.69 -1.24 0.00	26.91 -1.75 0.00	42.55 -3.02 0.00	26.04 -1.82 0.00	18.88 -1.28 0.00	19.01 -1.17 0.00
QUENSBRY_115KV_TB8 356137	23.53 0.55 0.00	22.49 0.43 0.00	20.38 0.41 0.00	20.30 0.47 0.00	19.94 0.45 0.00	19.36 0.43 0.00	20.21 0.53 0.00	20.29 0.57 0.00	20.17 0.70 0.00	20.63 0.77 0.00	20.30 0.70 0.00	18.99 0.62 0.00	18.46 0.54 0.00	18.53 0.58 0.00	18.57 0.62 0.00	18.34 0.66 0.00	19.80 0.73 0.00	23.17 1.14 0.00	23.18 1.25 0.00	30.05 1.40 0.00	47.14 1.56 0.00	28.63 0.77 0.00	20.56 0.41 0.00	20.52 0.34 0.00
RAMAPO___LBMP 323565	23.47 0.49 0.00	22.50 0.44 0.00	20.33 0.36 0.00	20.14 0.31 0.00	19.81 0.32 0.00	19.28 0.36 0.00	20.10 0.42 0.00	20.16 0.45 0.00	19.86 0.39 0.00	20.23 0.38 0.00	20.01 0.42 0.00	18.79 0.42 0.00	18.28 0.36 0.00	18.39 0.44 0.00	18.37 0.43 0.00	18.15 0.47 0.00	19.60 0.53 0.00	22.87 0.83 0.00	22.95 1.02 0.00	29.72 1.05 0.00	46.59 1.01 0.00	28.54 0.68 0.00	20.63 0.48 0.00	20.49 0.32 0.00
RANKINE____ 23646	22.17 -0.81 0.00	21.33 -0.73 0.00	19.23 -0.74 0.00	19.03 -0.81 0.00	18.76 -0.73 0.00	18.14 -0.78 0.00	18.57 -1.11 0.00	18.46 -1.26 0.00	18.27 -1.20 0.00	18.80 -1.06 0.00	18.62 -0.97 0.00	17.64 -0.73 0.00	17.29 -0.62 0.00	17.14 -0.82 0.00	17.19 -0.75 0.00	17.03 -0.65 0.00	18.15 -0.91 0.00	20.81 -1.23 0.00	20.76 -1.17 0.00	26.82 -1.84 0.00	42.10 -3.48 0.00	25.83 -2.03 0.00	18.79 -1.36 0.00	18.98 -1.19 0.00
RAVENSWOOD_GT2_1 24244	23.51 0.53 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.11 0.52 0.00	18.88 0.51 0.00	18.35 0.44 0.00	18.48 0.53 0.00	18.45 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.13 0.00	29.80 1.14 0.00	46.55 0.98 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.49 0.32 0.00
RAVENSWOOD_GT2_2 24245	23.51 0.53 0.00	22.54 0.48 0.00	20.38 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.11 0.52 0.00	18.88 0.51 0.00	18.35 0.44 0.00	18.48 0.53 0.00	18.45 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.13 0.00	29.80 1.14 0.00	46.55 0.98 0.00	28.57 0.71 0.00	20.65 0.50 0.00	20.49 0.32 0.00
RAVENSWOOD_GT2_3 24246	23.52 0.54 0.00	22.55 0.49 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.83 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00
RAVENSWOOD_GT2_4 24247	23.52 0.54 0.00	22.55 0.49 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.83 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00

RAVENSWOOD_GT3_1 24248	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.14 0.00	29.81 1.15 0.00	46.57 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD_GT3_2 24249	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.23 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.14 0.00	29.81 1.15 0.00	46.57 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD_GT3_3 24250	23.54 0.56 0.00	22.57 0.52 0.00	20.41 0.45 0.00	20.23 0.39 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.18 0.51 0.00	20.26 0.55 0.00	19.98 0.51 0.00	20.36 0.50 0.00	20.14 0.55 0.00	18.91 0.54 0.00	18.38 0.47 0.00	18.51 0.56 0.00	18.48 0.54 0.00	18.28 0.59 0.00	19.73 0.66 0.00	23.00 0.96 0.00	23.10 1.17 0.00	29.86 1.20 0.00	46.63 1.06 0.00	28.61 0.75 0.00	20.68 0.53 0.00	20.53 0.35 0.00
RAVENSWOOD_GT3_4 24251	23.54 0.56 0.00	22.57 0.52 0.00	20.41 0.45 0.00	20.23 0.39 0.00	19.90 0.41 0.00	19.37 0.44 0.00	20.18 0.51 0.00	20.26 0.55 0.00	19.98 0.51 0.00	20.36 0.50 0.00	20.14 0.55 0.00	18.91 0.54 0.00	18.38 0.47 0.00	18.51 0.56 0.00	18.48 0.54 0.00	18.28 0.59 0.00	19.73 0.66 0.00	23.00 0.96 0.00	23.10 1.17 0.00	29.86 1.20 0.00	46.63 1.06 0.00	28.61 0.75 0.00	20.68 0.53 0.00	20.53 0.35 0.00
RAVENSWOOD_GT_1 23729	23.56 0.58 0.00	22.56 0.50 0.00	20.41 0.45 0.00	20.23 0.39 0.00	19.88 0.39 0.00	19.36 0.43 0.00	20.18 0.50 0.00	20.26 0.54 0.00	19.98 0.51 0.00	20.35 0.49 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.38 0.46 0.00	18.51 0.55 0.00	18.47 0.53 0.00	18.27 0.58 0.00	19.72 0.64 0.00	22.98 0.94 0.00	23.09 1.16 0.00	29.84 1.18 0.00	46.59 1.01 0.00	28.62 0.76 0.00	20.68 0.53 0.00	20.52 0.35 0.00
RAVENSWOOD_GT_10 24258	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.24 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.81 1.15 0.00	46.58 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD_GT_11 24259	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.24 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.81 1.15 0.00	46.58 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD_GT_4 24252	23.51 0.53 0.00	22.56 0.50 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.82 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00
RAVENSWOOD_GT_5 24254	23.51 0.53 0.00	22.56 0.50 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.82 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00
RAVENSWOOD_GT_6 24253	23.51 0.53 0.00	22.56 0.50 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.82 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00
RAVENSWOOD_GT_7 24255	23.51 0.53 0.00	22.56 0.50 0.00	20.39 0.43 0.00	20.22 0.38 0.00	19.88 0.39 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.34 0.48 0.00	20.12 0.53 0.00	18.89 0.52 0.00	18.37 0.45 0.00	18.49 0.53 0.00	18.46 0.52 0.00	18.26 0.58 0.00	19.71 0.64 0.00	22.97 0.93 0.00	23.07 1.15 0.00	29.82 1.16 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.51 0.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.24 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.81 1.15 0.00	46.58 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD_GT_9 24257	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.16 0.48 0.00	20.24 0.52 0.00	19.95 0.48 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.51 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.25 0.57 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.07 1.14 0.00	29.81 1.15 0.00	46.58 1.00 0.00	28.57 0.72 0.00	20.65 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD___1 23533	23.52 0.54 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.94 0.48 0.00	20.31 0.45 0.00	20.10 0.51 0.00	18.87 0.50 0.00	18.34 0.42 0.00	18.47 0.51 0.00	18.43 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.78 1.12 0.00	46.51 0.93 0.00	28.57 0.71 0.00	20.64 0.49 0.00	20.48 0.30 0.00
RAVENSWOOD___2 23534	23.52 0.54 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.94 0.48 0.00	20.31 0.45 0.00	20.10 0.51 0.00	18.87 0.50 0.00	18.34 0.42 0.00	18.47 0.51 0.00	18.43 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.78 1.12 0.00	46.51 0.93 0.00	28.57 0.71 0.00	20.64 0.49 0.00	20.48 0.30 0.00

RAVENSWOOD___3 23535	23.51 0.53 0.00	22.54 0.48 0.00	20.39 0.42 0.00	20.21 0.37 0.00	19.87 0.38 0.00	19.34 0.42 0.00	20.17 0.49 0.00	20.24 0.53 0.00	19.96 0.49 0.00	20.33 0.47 0.00	20.12 0.52 0.00	18.88 0.52 0.00	18.36 0.44 0.00	18.48 0.53 0.00	18.46 0.51 0.00	18.26 0.58 0.00	19.70 0.63 0.00	22.96 0.92 0.00	23.06 1.14 0.00	29.81 1.15 0.00	46.57 1.00 0.00	28.57 0.72 0.00	20.66 0.50 0.00	20.50 0.32 0.00
RAVENSWOOD___4 23820	23.52 0.54 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.18 0.34 0.00	19.85 0.35 0.00	19.31 0.39 0.00	20.15 0.47 0.00	20.22 0.50 0.00	19.94 0.48 0.00	20.31 0.45 0.00	20.10 0.51 0.00	18.87 0.50 0.00	18.34 0.42 0.00	18.47 0.51 0.00	18.43 0.49 0.00	18.24 0.56 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.11 0.00	29.78 1.12 0.00	46.51 0.93 0.00	28.57 0.71 0.00	20.64 0.49 0.00	20.48 0.30 0.00
RCPL_TRUST___DRP 24196	23.51 0.54 0.00	22.56 0.50 0.00	20.40 0.44 0.00	20.22 0.39 0.00	19.89 0.40 0.00	19.35 0.43 0.00	20.17 0.49 0.00	20.25 0.54 0.00	19.97 0.50 0.00	20.35 0.49 0.00	20.13 0.53 0.00	18.89 0.53 0.00	18.37 0.45 0.00	18.50 0.54 0.00	18.47 0.52 0.00	18.27 0.58 0.00	19.72 0.65 0.00	22.98 0.94 0.00	23.09 1.17 0.00	29.83 1.17 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.50 0.33 0.00
RED___ROCHESTER 323720	22.23 -0.75 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.55 -0.91 0.00	19.03 -0.82 0.00	18.83 -0.77 0.00	17.76 -0.60 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.18 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.27 -0.88 0.00	19.42 -0.76 0.00
REGAN___SOLAR 323812	24.94 1.97 0.00	23.88 1.82 0.00	21.59 1.63 0.00	21.40 1.56 0.00	21.04 1.55 0.00	20.43 1.51 0.00	21.27 1.59 0.00	21.31 1.60 0.00	21.01 1.55 0.00	21.32 1.46 0.00	20.86 1.26 0.00	19.63 1.27 0.00	19.22 1.30 0.00	19.39 1.44 0.00	19.44 1.50 0.00	19.20 1.52 0.00	20.95 1.88 0.00	24.40 2.36 0.00	24.43 2.50 0.00	31.87 3.21 0.00	50.26 4.68 0.00	30.64 2.78 0.00	22.04 1.89 0.00	21.97 1.79 0.00
RENSSELAER___COGEN 23796	23.20 0.22 0.00	22.25 0.19 0.00	20.18 0.21 0.00	20.07 0.23 0.00	19.71 0.22 0.00	19.10 0.18 0.00	19.91 0.23 0.00	19.92 0.21 0.00	19.68 0.21 0.00	20.10 0.25 0.00	19.79 0.20 0.00	18.55 0.18 0.00	18.12 0.20 0.00	18.24 0.28 0.00	18.23 0.28 0.00	17.97 0.29 0.00	19.34 0.27 0.00	22.46 0.42 0.00	22.46 0.53 0.00	29.20 0.54 0.00	46.04 0.46 0.00	28.10 0.24 0.00	20.35 0.20 0.00	20.34 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.10 1.12 0.00	23.06 1.00 0.00	20.91 0.95 0.00	20.91 1.07 0.00	20.55 1.05 0.00	19.97 1.05 0.00	20.87 1.20 0.00	21.03 1.32 0.00	21.05 1.59 0.00	21.56 1.70 0.00	21.23 1.64 0.00	19.82 1.46 0.00	19.12 1.20 0.00	19.18 1.23 0.00	19.20 1.26 0.00	19.10 1.42 0.00	20.54 1.47 0.00	24.25 2.22 0.00	24.24 2.31 0.00	31.28 2.62 0.00	48.56 2.98 0.00	29.38 1.52 0.00	21.05 0.90 0.00	20.95 0.77 0.00
REVERE_CPPR_DRP 24186	23.60 0.62 0.00	22.63 0.57 0.00	20.46 0.49 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.19 0.51 0.00	20.24 0.53 0.00	20.01 0.54 0.00	20.44 0.58 0.00	20.16 0.57 0.00	18.92 0.55 0.00	18.44 0.52 0.00	18.46 0.50 0.00	18.49 0.55 0.00	18.27 0.59 0.00	19.73 0.66 0.00	22.89 0.85 0.00	22.86 0.93 0.00	29.80 1.14 0.00	47.16 1.58 0.00	28.73 0.87 0.00	20.72 0.57 0.00	20.71 0.54 0.00
REYNOLDS_115KV_TB3 80639	23.18 0.21 0.00	22.23 0.17 0.00	20.16 0.20 0.00	20.05 0.21 0.00	19.69 0.21 0.00	19.08 0.16 0.00	19.88 0.20 0.00	19.90 0.20 0.00	19.67 0.20 0.00	20.10 0.24 0.00	19.78 0.19 0.00	18.53 0.16 0.00	18.11 0.19 0.00	18.24 0.28 0.00	18.23 0.28 0.00	17.96 0.27 0.00	19.33 0.25 0.00	22.45 0.41 0.00	22.46 0.53 0.00	29.18 0.52 0.00	46.00 0.42 0.00	28.08 0.22 0.00	20.32 0.16 0.00	20.32 0.14 0.00
RIVERBAY____ 323610	23.61 0.64 0.00	22.64 0.57 0.00	20.48 0.51 0.00	20.29 0.45 0.00	19.93 0.44 0.00	19.41 0.48 0.00	20.25 0.56 0.00	20.31 0.59 0.00	20.04 0.57 0.00	20.37 0.51 0.00	20.21 0.61 0.00	18.91 0.55 0.00	18.35 0.43 0.00	18.52 0.57 0.00	18.49 0.55 0.00	18.28 0.60 0.00	19.73 0.66 0.00	23.00 0.96 0.00	23.12 1.19 0.00	29.90 1.23 0.00	46.65 1.08 0.00	28.72 0.86 0.00	20.70 0.55 0.00	20.55 0.37 0.00
RIVERSDE_115KV_TB3 55908	23.21 0.24 0.00	22.27 0.21 0.00	20.19 0.23 0.00	20.09 0.25 0.00	19.73 0.24 0.00	19.11 0.19 0.00	19.91 0.23 0.00	19.94 0.23 0.00	19.70 0.23 0.00	20.12 0.27 0.00	19.81 0.22 0.00	18.57 0.20 0.00	18.14 0.22 0.00	18.26 0.31 0.00	18.25 0.31 0.00	17.99 0.31 0.00	19.36 0.29 0.00	22.49 0.45 0.00	22.50 0.57 0.00	29.22 0.56 0.00	46.08 0.50 0.00	28.13 0.27 0.00	20.36 0.21 0.00	20.35 0.18 0.00
ROARING___BROOK_WT_PWR 323790	23.18 0.20 0.00	22.27 0.21 0.00	20.16 0.20 0.00	20.04 0.20 0.00	19.66 0.17 0.00	19.10 0.18 0.00	19.86 0.18 0.00	19.88 0.17 0.00	19.67 0.20 0.00	20.08 0.23 0.00	19.81 0.21 0.00	18.53 0.17 0.00	18.08 0.16 0.00	18.08 0.13 0.00	18.06 0.12 0.00	17.79 0.11 0.00	19.20 0.13 0.00	22.11 0.07 0.00	21.93 0.00 0.00	28.70 0.04 0.00	45.74 0.16 0.00	27.92 0.06 0.00	20.16 0.00 0.00	20.22 0.04 0.00
ROCHESRG_115KV_T4 355643	22.03 -0.94 0.00	21.18 -0.88 0.00	19.13 -0.83 0.00	18.95 -0.89 0.00	18.66 -0.83 0.00	18.08 -0.84 0.00	18.63 -1.05 0.00	18.58 -1.13 0.00	18.40 -1.07 0.00	18.85 -1.01 0.00	18.64 -0.96 0.00	17.59 -0.77 0.00	17.22 -0.70 0.00	17.14 -0.81 0.00	17.18 -0.77 0.00	16.97 -0.71 0.00	18.18 -0.89 0.00	20.94 -1.10 0.00	20.94 -0.99 0.00	27.19 -1.48 0.00	42.94 -2.64 0.00	26.30 -1.56 0.00	19.08 -1.07 0.00	19.23 -0.94 0.00
ROCHESTER_9_IC 23652	22.14 -0.83 0.00	21.28 -0.78 0.00	19.22 -0.74 0.00	19.04 -0.80 0.00	18.75 -0.74 0.00	18.17 -0.76 0.00	18.72 -0.96 0.00	18.67 -1.04 0.00	18.49 -0.97 0.00	18.95 -0.90 0.00	18.74 -0.86 0.00	17.69 -0.68 0.00	17.31 -0.61 0.00	17.23 -0.72 0.00	17.27 -0.67 0.00	17.07 -0.62 0.00	18.28 -0.79 0.00	21.07 -0.97 0.00	21.08 -0.85 0.00	27.36 -1.30 0.00	43.20 -2.38 0.00	26.46 -1.41 0.00	19.19 -0.97 0.00	19.33 -0.84 0.00
ROCKVIEW_13_KV_LD 356306	23.61 0.63 0.00	22.61 0.55 0.00	20.44 0.47 0.00	20.26 0.42 0.00	19.92 0.43 0.00	19.38 0.45 0.00	20.20 0.52 0.00	20.27 0.55 0.00	19.98 0.51 0.00	20.36 0.50 0.00	20.15 0.55 0.00	18.90 0.54 0.00	18.40 0.48 0.00	18.53 0.57 0.00	18.51 0.57 0.00	18.30 0.62 0.00	19.75 0.68 0.00	23.04 1.01 0.00	23.13 1.21 0.00	29.93 1.27 0.00	46.83 1.25 0.00	28.70 0.84 0.00	20.75 0.59 0.00	20.60 0.43 0.00

ROME____115KV_TB2 80656	23.60 0.62 0.00	22.63 0.57 0.00	20.46 0.49 0.00	20.32 0.48 0.00	19.97 0.48 0.00	19.41 0.48 0.00	20.19 0.51 0.00	20.24 0.53 0.00	20.01 0.54 0.00	20.44 0.58 0.00	20.16 0.57 0.00	18.92 0.55 0.00	18.44 0.52 0.00	18.46 0.50 0.00	18.49 0.55 0.00	18.27 0.59 0.00	19.73 0.66 0.00	22.89 0.85 0.00	22.86 0.93 0.00	29.80 1.14 0.00	47.16 1.58 0.00	28.73 0.87 0.00	20.72 0.57 0.00	20.71 0.54 0.00
ROSETON____1 23587	23.38 0.41 0.00	22.41 0.35 0.00	20.26 0.30 0.00	20.11 0.27 0.00	19.77 0.28 0.00	19.22 0.30 0.00	20.03 0.36 0.00	20.09 0.38 0.00	19.82 0.35 0.00	20.20 0.34 0.00	19.96 0.36 0.00	18.73 0.36 0.00	18.22 0.30 0.00	18.34 0.39 0.00	18.32 0.38 0.00	18.11 0.43 0.00	19.54 0.48 0.00	22.77 0.74 0.00	22.84 0.91 0.00	29.61 0.94 0.00	46.44 0.87 0.00	28.43 0.57 0.00	20.55 0.40 0.00	20.44 0.26 0.00
ROSETON____2 23588	23.38 0.41 0.00	22.41 0.35 0.00	20.26 0.30 0.00	20.11 0.27 0.00	19.77 0.28 0.00	19.22 0.30 0.00	20.03 0.36 0.00	20.09 0.38 0.00	19.82 0.35 0.00	20.20 0.34 0.00	19.96 0.36 0.00	18.73 0.36 0.00	18.22 0.30 0.00	18.34 0.39 0.00	18.32 0.38 0.00	18.11 0.43 0.00	19.54 0.48 0.00	22.77 0.74 0.00	22.84 0.91 0.00	29.61 0.94 0.00	46.44 0.87 0.00	28.43 0.57 0.00	20.55 0.40 0.00	20.44 0.26 0.00
ROTTDRAM_115KV_TB3 80664	23.32 0.34 0.00	22.35 0.29 0.00	20.24 0.27 0.00	20.12 0.28 0.00	19.77 0.28 0.00	19.18 0.25 0.00	19.97 0.29 0.00	20.01 0.30 0.00	19.78 0.31 0.00	20.18 0.33 0.00	19.90 0.31 0.00	18.64 0.28 0.00	18.19 0.27 0.00	18.28 0.33 0.00	18.28 0.34 0.00	18.03 0.34 0.00	19.45 0.38 0.00	22.60 0.56 0.00	22.59 0.66 0.00	29.38 0.72 0.00	46.39 0.82 0.00	28.31 0.45 0.00	20.45 0.30 0.00	20.42 0.25 0.00
RUSSELL____1 23602	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
RUSSELL____2 23532	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
RUSSELL____3 23549	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
RUSSELL____4 23556	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
RUSSELL____STATION 23914	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
S SALMON____HYD 24043	22.45 -0.53 0.00	21.53 -0.53 0.00	19.48 -0.49 0.00	19.34 -0.50 0.00	19.02 -0.48 0.00	18.47 -0.45 0.00	19.19 -0.49 0.00	19.24 -0.47 0.00	19.00 -0.47 0.00	19.37 -0.49 0.00	19.12 -0.47 0.00	17.95 -0.42 0.00	17.51 -0.41 0.00	17.49 -0.46 0.00	17.50 -0.44 0.00	17.29 -0.39 0.00	18.66 -0.41 0.00	21.59 -0.45 0.00	21.59 -0.34 0.00	28.26 -0.40 0.00	44.94 -0.64 0.00	27.41 -0.45 0.00	19.80 -0.35 0.00	19.85 -0.32 0.00
S.PERRY__115KV_TB1 80734	23.15 0.17 0.00	22.19 0.14 0.00	19.99 0.03 0.00	19.84 0.00 0.00	19.55 0.06 0.00	19.00 0.07 0.00	19.66 -0.02 0.00	19.71 0.00 0.00	19.42 -0.05 0.00	19.86 0.01 0.00	19.61 0.01 0.00	18.34 -0.02 0.00	17.87 -0.05 0.00	17.79 -0.16 0.00	17.91 -0.03 0.00	17.79 0.11 0.00	19.17 0.10 0.00	22.25 0.22 0.00	22.31 0.38 0.00	28.99 0.33 0.00	45.58 0.00 0.00	27.76 -0.10 0.00	19.99 -0.16 0.00	19.92 -0.25 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.87 -1.10 0.00	21.05 -1.01 0.00	18.99 -0.98 0.00	18.79 -1.05 0.00	18.52 -0.97 0.00	17.90 -1.02 0.00	18.32 -1.36 0.00	18.19 -1.52 0.00	18.03 -1.44 0.00	18.55 -1.31 0.00	18.35 -1.24 0.00	17.39 -0.97 0.00	17.06 -0.85 0.00	16.91 -1.04 0.00	16.95 -0.99 0.00	16.79 -0.89 0.00	17.89 -1.18 0.00	20.49 -1.55 0.00	20.47 -1.46 0.00	26.43 -2.23 0.00	41.51 -4.07 0.00	25.49 -2.37 0.00	18.57 -1.58 0.00	18.78 -1.40 0.00
SAWYER__23_KV_LOAD 55526	21.87 -1.10 0.00	21.05 -1.01 0.00	18.99 -0.98 0.00	18.79 -1.05 0.00	18.52 -0.97 0.00	17.90 -1.02 0.00	18.32 -1.36 0.00	18.19 -1.52 0.00	18.03 -1.44 0.00	18.55 -1.31 0.00	18.35 -1.24 0.00	17.39 -0.97 0.00	17.06 -0.85 0.00	16.91 -1.04 0.00	16.95 -0.99 0.00	16.79 -0.89 0.00	17.89 -1.18 0.00	20.49 -1.55 0.00	20.47 -1.46 0.00	26.43 -2.23 0.00	41.51 -4.07 0.00	25.49 -2.37 0.00	18.57 -1.58 0.00	18.78 -1.40 0.00
SELKIRK____I 23801	23.34 0.37 0.00	22.40 0.34 0.00	20.30 0.34 0.00	20.20 0.36 0.00	19.84 0.35 0.00	19.23 0.30 0.00	20.01 0.33 0.00	20.04 0.32 0.00	19.79 0.33 0.00	20.22 0.36 0.00	19.91 0.32 0.00	18.66 0.29 0.00	18.22 0.30 0.00	18.33 0.38 0.00	18.32 0.37 0.00	18.06 0.38 0.00	19.45 0.38 0.00	22.57 0.54 0.00	22.55 0.62 0.00	29.31 0.65 0.00	46.27 0.70 0.00	28.25 0.39 0.00	20.44 0.28 0.00	20.43 0.26 0.00
SELKIRK____II 23799	23.21 0.23 0.00	22.27 0.21 0.00	20.18 0.21 0.00	20.07 0.23 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.90 0.23 0.00	19.93 0.22 0.00	19.68 0.22 0.00	20.09 0.24 0.00	19.80 0.21 0.00	18.56 0.20 0.00	18.12 0.20 0.00	18.23 0.28 0.00	18.21 0.27 0.00	17.96 0.27 0.00	19.35 0.27 0.00	22.47 0.43 0.00	22.46 0.53 0.00	29.20 0.54 0.00	46.07 0.50 0.00	28.13 0.27 0.00	20.36 0.21 0.00	20.35 0.17 0.00

SENECA OSWGO___HYD 24041	22.20 -0.78 0.00	21.30 -0.76 0.00	19.27 -0.70 0.00	19.14 -0.70 0.00	18.83 -0.67 0.00	18.29 -0.64 0.00	18.98 -0.70 0.00	19.01 -0.70 0.00	18.74 -0.73 0.00	19.08 -0.77 0.00	18.85 -0.74 0.00	17.72 -0.65 0.00	17.29 -0.62 0.00	17.31 -0.64 0.00	17.32 -0.63 0.00	17.08 -0.60 0.00	18.39 -0.68 0.00	21.30 -0.74 0.00	21.30 -0.63 0.00	27.89 -0.77 0.00	44.38 -1.19 0.00	27.10 -0.76 0.00	19.61 -0.55 0.00	19.71 -0.47 0.00
SENECA___115KV_TB3 355854	22.20 -0.78 0.00	21.36 -0.70 0.00	19.26 -0.71 0.00	19.06 -0.78 0.00	18.78 -0.71 0.00	18.17 -0.75 0.00	18.60 -1.08 0.00	18.48 -1.23 0.00	18.30 -1.17 0.00	18.83 -1.03 0.00	18.65 -0.95 0.00	17.66 -0.70 0.00	17.32 -0.59 0.00	17.16 -0.79 0.00	17.22 -0.72 0.00	17.05 -0.63 0.00	18.18 -0.89 0.00	20.84 -1.20 0.00	20.80 -1.13 0.00	26.87 -1.80 0.00	42.18 -3.40 0.00	25.86 -2.00 0.00	18.83 -1.33 0.00	19.01 -1.17 0.00
SENECA___ENERGY 23797	22.43 -0.54 0.00	21.57 -0.49 0.00	19.45 -0.51 0.00	19.32 -0.52 0.00	19.01 -0.48 0.00	18.46 -0.46 0.00	19.14 -0.55 0.00	19.21 -0.50 0.00	18.95 -0.52 0.00	19.32 -0.53 0.00	19.13 -0.47 0.00	17.96 -0.41 0.00	17.52 -0.40 0.00	17.48 -0.47 0.00	17.51 -0.43 0.00	17.31 -0.37 0.00	18.67 -0.40 0.00	21.63 -0.41 0.00	21.62 -0.31 0.00	28.20 -0.46 0.00	44.54 -1.04 0.00	27.23 -0.63 0.00	19.68 -0.47 0.00	19.71 -0.47 0.00
SHOEMAKER___GT 23640	23.36 0.38 0.00	22.41 0.35 0.00	20.25 0.29 0.00	20.09 0.25 0.00	19.75 0.26 0.00	19.21 0.28 0.00	20.02 0.34 0.00	20.07 0.36 0.00	19.76 0.30 0.00	20.11 0.26 0.00	19.86 0.27 0.00	18.63 0.27 0.00	18.14 0.22 0.00	18.24 0.29 0.00	18.21 0.27 0.00	18.01 0.33 0.00	19.46 0.39 0.00	22.71 0.67 0.00	22.77 0.84 0.00	29.54 0.87 0.00	46.41 0.83 0.00	28.40 0.54 0.00	20.53 0.38 0.00	20.43 0.26 0.00
SHOEMAKR_138KV_BK 111 55601	23.36 0.38 0.00	22.40 0.34 0.00	20.24 0.28 0.00	20.09 0.25 0.00	19.75 0.26 0.00	19.20 0.27 0.00	20.00 0.32 0.00	20.07 0.36 0.00	19.76 0.29 0.00	20.12 0.27 0.00	19.88 0.28 0.00	18.65 0.28 0.00	18.15 0.23 0.00	18.25 0.30 0.00	18.23 0.29 0.00	18.02 0.34 0.00	19.47 0.40 0.00	22.71 0.67 0.00	22.77 0.84 0.00	29.54 0.88 0.00	46.40 0.83 0.00	28.40 0.54 0.00	20.53 0.38 0.00	20.42 0.25 0.00
SHOREHAM_IC_1 23715	23.59 0.61 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.44 0.00	19.33 0.40 0.00	20.13 0.46 0.00	20.17 0.45 0.00	19.95 0.49 0.00	20.37 0.51 0.00	20.24 0.64 0.00	19.04 0.67 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.54 0.59 0.00	18.35 0.67 0.00	19.79 0.72 0.00	23.17 1.13 0.00	23.38 1.45 0.00	30.24 1.58 0.00	46.92 1.35 0.00	28.72 0.86 0.00	20.84 0.69 0.00	20.77 0.60 0.00
SHOREHAM_IC_2 23716	23.59 0.61 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.44 0.00	19.33 0.40 0.00	20.13 0.46 0.00	20.17 0.45 0.00	19.95 0.49 0.00	20.37 0.51 0.00	20.24 0.64 0.00	19.04 0.67 0.00	18.54 0.62 0.00	18.66 0.71 0.00	18.54 0.59 0.00	18.35 0.67 0.00	19.79 0.72 0.00	23.17 1.13 0.00	23.38 1.45 0.00	30.24 1.58 0.00	46.92 1.35 0.00	28.72 0.86 0.00	20.84 0.69 0.00	20.77 0.60 0.00
SISSONVILLE____ 23735	23.93 0.95 0.00	22.98 0.93 0.00	20.85 0.88 0.00	20.72 0.87 0.00	20.25 0.77 0.00	19.74 0.81 0.00	20.54 0.86 0.00	20.52 0.81 0.00	20.39 0.92 0.00	20.84 0.99 0.00	20.53 0.94 0.00	19.15 0.79 0.00	18.67 0.76 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.22 0.53 0.00	19.59 0.52 0.00	22.31 0.28 0.00	22.07 0.14 0.00	29.12 0.46 0.00	46.66 1.09 0.00	28.59 0.73 0.00	20.75 0.60 0.00	20.74 0.57 0.00
SITHE_IND_GS1 24169	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.95 -0.91 0.00	18.72 -0.88 0.00	17.60 -0.77 0.00	17.18 -0.74 0.00	17.19 -0.76 0.00	17.20 -0.74 0.00	16.92 -0.76 0.00	18.23 -0.84 0.00	21.10 -0.94 0.00	21.08 -0.85 0.00	27.62 -1.04 0.00	44.01 -1.56 0.00	26.89 -0.97 0.00	19.47 -0.68 0.00	19.61 -0.57 0.00
SITHE_IND_GS2 24170	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.95 -0.91 0.00	18.72 -0.88 0.00	17.60 -0.77 0.00	17.18 -0.74 0.00	17.19 -0.76 0.00	17.20 -0.74 0.00	16.92 -0.76 0.00	18.23 -0.84 0.00	21.10 -0.94 0.00	21.08 -0.85 0.00	27.62 -1.04 0.00	44.01 -1.56 0.00	26.89 -0.97 0.00	19.47 -0.68 0.00	19.61 -0.57 0.00
SITHE_IND_GS3 24171	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.95 -0.91 0.00	18.72 -0.88 0.00	17.60 -0.77 0.00	17.18 -0.74 0.00	17.19 -0.76 0.00	17.20 -0.74 0.00	16.92 -0.76 0.00	18.23 -0.84 0.00	21.10 -0.94 0.00	21.08 -0.85 0.00	27.62 -1.04 0.00	44.01 -1.56 0.00	26.89 -0.97 0.00	19.47 -0.68 0.00	19.61 -0.57 0.00
SITHE_IND_GS4 24172	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.75 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.95 -0.91 0.00	18.72 -0.88 0.00	17.60 -0.77 0.00	17.18 -0.74 0.00	17.19 -0.76 0.00	17.20 -0.74 0.00	16.92 -0.76 0.00	18.23 -0.84 0.00	21.10 -0.94 0.00	21.08 -0.85 0.00	27.62 -1.04 0.00	44.01 -1.56 0.00	26.89 -0.97 0.00	19.47 -0.68 0.00	19.61 -0.57 0.00
SITHE___BATAVIA 24024	22.27 -0.71 0.00	21.40 -0.66 0.00	19.32 -0.64 0.00	19.12 -0.73 0.00	18.84 -0.65 0.00	18.24 -0.69 0.00	18.71 -0.97 0.00	18.58 -1.13 0.00	18.44 -1.03 0.00	18.97 -0.88 0.00	18.76 -0.83 0.00	17.74 -0.62 0.00	17.38 -0.53 0.00	17.24 -0.72 0.00	17.29 -0.65 0.00	17.16 -0.52 0.00	18.34 -0.73 0.00	21.09 -0.94 0.00	21.09 -0.84 0.00	27.23 -1.43 0.00	42.81 -2.77 0.00	26.23 -1.63 0.00	19.06 -1.09 0.00	19.25 -0.93 0.00
SITHE___INDEPEND 23800	22.05 -0.92 0.00	21.17 -0.88 0.00	19.16 -0.80 0.00	19.03 -0.81 0.00	18.72 -0.77 0.00	18.18 -0.74 0.00	18.87 -0.81 0.00	18.90 -0.81 0.00	18.63 -0.84 0.00	18.95 -0.91 0.00	18.72 -0.88 0.00	17.60 -0.77 0.00	17.18 -0.74 0.00	17.19 -0.76 0.00	17.20 -0.74 0.00	16.92 -0.76 0.00	18.23 -0.85 0.00	21.10 -0.94 0.00	21.08 -0.85 0.00	27.62 -1.04 0.00	44.01 -1.56 0.00	26.89 -0.96 0.00	19.47 -0.68 0.00	19.61 -0.57 0.00
SITHE___MASSENA 23902	23.78 0.81 0.00	22.88 0.82 0.00	20.73 0.76 0.00	20.59 0.75 0.00	20.18 0.69 0.00	19.63 0.70 0.00	20.41 0.73 0.00	20.41 0.69 0.00	20.23 0.76 0.00	20.68 0.82 0.00	20.38 0.78 0.00	19.02 0.65 0.00	18.55 0.63 0.00	18.51 0.55 0.00	18.46 0.51 0.00	18.16 0.48 0.00	19.61 0.54 0.00	22.37 0.33 0.00	22.08 0.15 0.00	28.99 0.32 0.00	46.43 0.85 0.00	28.44 0.58 0.00	20.64 0.49 0.00	20.68 0.50 0.00

SITHE___OGDNSBRG 24021	24.23 1.26 0.00	23.30 1.24 0.00	21.11 1.14 0.00	20.97 1.13 0.00	20.55 1.05 0.00	19.99 1.07 0.00	20.80 1.12 0.00	20.80 1.09 0.00	20.64 1.17 0.00	21.10 1.25 0.00	20.76 1.17 0.00	19.37 1.00 0.00	18.87 0.95 0.00	18.78 0.83 0.00	18.75 0.81 0.00	18.48 0.80 0.00	19.94 0.88 0.00	22.76 0.72 0.00	22.48 0.55 0.00	29.56 0.90 0.00	47.36 1.79 0.00	28.97 1.12 0.00	21.02 0.86 0.00	21.02 0.85 0.00
SITHE___STERLING 23777	23.35 0.37 0.00	22.40 0.34 0.00	20.25 0.28 0.00	20.12 0.28 0.00	19.77 0.29 0.00	19.21 0.28 0.00	19.98 0.30 0.00	20.04 0.33 0.00	19.78 0.32 0.00	20.20 0.34 0.00	19.93 0.33 0.00	18.70 0.34 0.00	18.22 0.31 0.00	18.25 0.30 0.00	18.29 0.35 0.00	18.06 0.38 0.00	19.50 0.42 0.00	22.61 0.57 0.00	22.59 0.66 0.00	29.45 0.79 0.00	46.64 1.07 0.00	28.43 0.57 0.00	20.50 0.35 0.00	20.52 0.34 0.00
SLEIGHT__34_KV_TB1 80719	22.17 -0.81 0.00	21.31 -0.75 0.00	19.23 -0.73 0.00	19.07 -0.77 0.00	18.77 -0.72 0.00	18.22 -0.71 0.00	18.85 -0.83 0.00	18.86 -0.86 0.00	18.65 -0.82 0.00	19.05 -0.80 0.00	18.85 -0.75 0.00	17.76 -0.61 0.00	17.34 -0.57 0.00	17.29 -0.66 0.00	17.31 -0.64 0.00	17.11 -0.57 0.00	18.37 -0.70 0.00	21.24 -0.80 0.00	21.24 -0.69 0.00	27.65 -1.01 0.00	43.76 -1.82 0.00	26.74 -1.12 0.00	19.36 -0.79 0.00	19.46 -0.71 0.00
SOUTH CAIRO___GT 23612	24.13 1.16 0.00	23.13 1.07 0.00	20.97 1.01 0.00	20.85 1.01 0.00	20.47 0.98 0.00	19.84 0.92 0.00	20.68 1.00 0.00	20.70 0.99 0.00	20.41 0.95 0.00	20.81 0.96 0.00	20.45 0.86 0.00	19.16 0.80 0.00	18.74 0.82 0.00	18.89 0.94 0.00	18.88 0.94 0.00	18.65 0.96 0.00	20.18 1.11 0.00	23.53 1.49 0.00	23.54 1.61 0.00	30.54 1.88 0.00	48.15 2.57 0.00	29.28 1.42 0.00	21.13 0.98 0.00	21.10 0.93 0.00
SOUTH HAMPTN___IC 23720	23.87 0.89 0.00	22.93 0.87 0.00	20.70 0.73 0.00	20.49 0.64 0.00	20.15 0.66 0.00	19.56 0.63 0.00	20.37 0.69 0.00	20.41 0.70 0.00	20.19 0.72 0.00	20.58 0.72 0.00	20.42 0.82 0.00	19.19 0.82 0.00	18.67 0.76 0.00	18.79 0.84 0.00	18.69 0.74 0.00	18.52 0.84 0.00	20.00 0.93 0.00	23.41 1.38 0.00	23.64 1.70 0.00	30.57 1.91 0.00	47.43 1.86 0.00	29.04 1.18 0.00	21.07 0.92 0.00	20.98 0.81 0.00
SOUTHDOW__115KV_TB1 355954	23.11 0.14 0.00	22.22 0.16 0.00	19.97 0.01 0.00	19.78 -0.05 0.00	19.51 0.02 0.00	18.90 -0.03 0.00	19.39 -0.29 0.00	19.38 -0.33 0.00	19.13 -0.34 0.00	19.70 -0.15 0.00	19.57 -0.03 0.00	18.48 0.11 0.00	18.06 0.14 0.00	17.88 -0.07 0.00	17.98 0.04 0.00	17.78 0.10 0.00	18.97 -0.10 0.00	21.82 -0.22 0.00	21.71 -0.22 0.00	28.09 -0.57 0.00	43.83 -1.75 0.00	26.57 -1.29 0.00	19.29 -0.86 0.00	19.53 -0.65 0.00
SOUTHOLD_69_KV_BK 2 55809	24.20 1.22 0.00	23.23 1.17 0.00	20.95 0.99 0.00	20.76 0.91 0.00	20.42 0.93 0.00	19.82 0.90 0.00	20.64 0.96 0.00	20.68 0.97 0.00	20.46 1.00 0.00	20.85 1.00 0.00	20.65 1.06 0.00	19.40 1.03 0.00	18.85 0.94 0.00	18.97 1.01 0.00	18.87 0.93 0.00	18.73 1.04 0.00	20.25 1.18 0.00	23.73 1.69 0.00	23.97 2.04 0.00	31.02 2.35 0.00	48.12 2.55 0.00	29.44 1.58 0.00	21.33 1.18 0.00	21.24 1.07 0.00
SOUTHOLD___IC 23719	24.20 1.22 0.00	23.23 1.17 0.00	20.95 0.99 0.00	20.76 0.91 0.00	20.42 0.93 0.00	19.82 0.89 0.00	20.65 0.96 0.00	20.69 0.98 0.00	20.47 1.00 0.00	20.85 1.00 0.00	20.65 1.06 0.00	19.40 1.03 0.00	18.85 0.93 0.00	18.97 1.01 0.00	18.87 0.93 0.00	18.73 1.05 0.00	20.25 1.18 0.00	23.73 1.69 0.00	23.97 2.04 0.00	31.02 2.35 0.00	48.11 2.54 0.00	29.44 1.58 0.00	21.33 1.18 0.00	21.24 1.07 0.00
SOUTH_FORK_WT_PWR 323839	24.22 1.25 0.00	23.25 1.19 0.00	20.97 1.01 0.00	20.78 0.93 0.00	20.44 0.95 0.00	19.84 0.91 0.00	20.66 0.98 0.00	20.71 1.00 0.00	20.49 1.02 0.00	20.87 1.02 0.00	20.68 1.09 0.00	19.41 1.05 0.00	18.87 0.95 0.00	18.98 1.03 0.00	18.89 0.95 0.00	18.75 1.06 0.00	20.26 1.20 0.00	23.75 1.71 0.00	23.99 2.06 0.00	31.04 2.38 0.00	48.15 2.57 0.00	29.47 1.61 0.00	21.35 1.20 0.00	21.26 1.08 0.00
SPIERFLS_115KV_TB 1 80737	23.43 0.45 0.00	22.40 0.34 0.00	20.29 0.33 0.00	20.21 0.38 0.00	19.84 0.35 0.00	19.27 0.34 0.00	20.11 0.43 0.00	20.17 0.46 0.00	20.04 0.57 0.00	20.49 0.63 0.00	20.16 0.56 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.42 0.47 0.00	18.46 0.52 0.00	18.23 0.55 0.00	19.67 0.60 0.00	23.01 0.97 0.00	23.01 1.08 0.00	29.86 1.20 0.00	46.89 1.31 0.00	28.50 0.64 0.00	20.48 0.33 0.00	20.44 0.27 0.00
ST LAWRENCE____ 23600	23.40 0.43 0.00	22.51 0.45 0.00	20.39 0.43 0.00	20.26 0.42 0.00	19.86 0.37 0.00	19.31 0.39 0.00	20.08 0.40 0.00	20.08 0.37 0.00	19.90 0.43 0.00	20.34 0.48 0.00	20.04 0.45 0.00	18.72 0.35 0.00	18.26 0.34 0.00	18.22 0.26 0.00	18.18 0.23 0.00	17.89 0.20 0.00	19.32 0.25 0.00	22.12 0.08 0.00	21.82 -0.11 0.00	28.63 -0.03 0.00	45.88 0.30 0.00	28.09 0.24 0.00	20.33 0.18 0.00	20.38 0.21 0.00
STATE_CA_115KV_115_LB 55624	23.30 0.33 0.00	22.37 0.30 0.00	20.27 0.31 0.00	20.17 0.33 0.00	19.80 0.31 0.00	19.20 0.27 0.00	19.99 0.31 0.00	20.02 0.31 0.00	19.78 0.31 0.00	20.21 0.36 0.00	19.90 0.31 0.00	18.66 0.29 0.00	18.23 0.31 0.00	18.35 0.39 0.00	18.34 0.40 0.00	18.08 0.39 0.00	19.46 0.39 0.00	22.60 0.56 0.00	22.60 0.68 0.00	29.36 0.70 0.00	46.29 0.72 0.00	28.25 0.39 0.00	20.46 0.31 0.00	20.44 0.27 0.00
STATE_ST_34_KV_LOAD 55959	22.70 -0.27 0.00	21.87 -0.19 0.00	19.69 -0.28 0.00	19.55 -0.29 0.00	19.23 -0.26 0.00	18.68 -0.25 0.00	19.39 -0.29 0.00	19.51 -0.20 0.00	19.25 -0.22 0.00	19.54 -0.32 0.00	19.35 -0.24 0.00	18.19 -0.17 0.00	17.75 -0.17 0.00	17.73 -0.22 0.00	17.76 -0.18 0.00	17.55 -0.13 0.00	18.89 -0.18 0.00	21.90 -0.13 0.00	21.83 -0.10 0.00	28.55 -0.11 0.00	45.30 -0.27 0.00	27.70 -0.16 0.00	20.01 -0.14 0.00	20.08 -0.10 0.00
STATION 5_MISC_HYD 23604	22.14 -0.83 0.00	21.28 -0.78 0.00	19.22 -0.74 0.00	19.04 -0.80 0.00	18.75 -0.74 0.00	18.17 -0.76 0.00	18.72 -0.96 0.00	18.66 -1.05 0.00	18.48 -0.99 0.00	18.95 -0.90 0.00	18.75 -0.85 0.00	17.69 -0.68 0.00	17.31 -0.61 0.00	17.23 -0.72 0.00	17.27 -0.67 0.00	17.06 -0.62 0.00	18.28 -0.79 0.00	21.07 -0.97 0.00	21.07 -0.85 0.00	27.36 -1.30 0.00	43.20 -2.38 0.00	26.45 -1.41 0.00	19.18 -0.97 0.00	19.33 -0.84 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.41 -0.57 0.00	21.53 -0.53 0.00	19.44 -0.52 0.00	19.28 -0.56 0.00	18.98 -0.51 0.00	18.42 -0.51 0.00	19.04 -0.63 0.00	19.05 -0.66 0.00	18.84 -0.63 0.00	19.28 -0.58 0.00	19.06 -0.54 0.00	17.94 -0.43 0.00	17.52 -0.40 0.00	17.47 -0.48 0.00	17.49 -0.45 0.00	17.30 -0.38 0.00	18.59 -0.48 0.00	21.48 -0.56 0.00	21.49 -0.43 0.00	27.96 -0.70 0.00	44.16 -1.41 0.00	27.01 -0.85 0.00	19.54 -0.61 0.00	19.63 -0.55 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	22.05 -0.93 0.00	21.19 -0.87 0.00	19.13 -0.83 0.00	18.96 -0.88 0.00	18.67 -0.82 0.00	18.09 -0.83 0.00	18.66 -1.02 0.00	18.62 -1.09 0.00	18.44 -1.03 0.00	18.89 -0.96 0.00	18.68 -0.92 0.00	17.62 -0.74 0.00	17.24 -0.68 0.00	17.18 -0.78 0.00	17.20 -0.74 0.00	17.01 -0.68 0.00	18.23 -0.84 0.00	21.01 -1.03 0.00	21.02 -0.91 0.00	27.30 -1.36 0.00	43.13 -2.45 0.00	26.40 -1.46 0.00	19.14 -1.01 0.00	19.27 -0.90 0.00
STA_56___34_KV_BUS2 355983	22.05 -0.93 0.00	21.19 -0.87 0.00	19.13 -0.83 0.00	18.96 -0.88 0.00	18.67 -0.82 0.00	18.09 -0.83 0.00	18.66 -1.02 0.00	18.62 -1.09 0.00	18.44 -1.03 0.00	18.89 -0.96 0.00	18.68 -0.92 0.00	17.62 -0.74 0.00	17.24 -0.68 0.00	17.18 -0.78 0.00	17.20 -0.74 0.00	17.01 -0.68 0.00	18.23 -0.84 0.00	21.01 -1.03 0.00	21.02 -0.91 0.00	27.30 -1.36 0.00	43.13 -2.45 0.00	26.40 -1.46 0.00	19.14 -1.01 0.00	19.27 -0.90 0.00
STA_67___115KV_BK2 355882	22.10 -0.88 0.00	21.25 -0.81 0.00	19.19 -0.77 0.00	19.01 -0.83 0.00	18.72 -0.77 0.00	18.13 -0.79 0.00	18.69 -0.99 0.00	18.64 -1.07 0.00	18.45 -1.01 0.00	18.91 -0.94 0.00	18.70 -0.90 0.00	17.65 -0.72 0.00	17.27 -0.64 0.00	17.20 -0.76 0.00	17.23 -0.71 0.00	17.03 -0.65 0.00	18.24 -0.82 0.00	21.02 -1.02 0.00	21.03 -0.90 0.00	27.29 -1.37 0.00	43.11 -2.47 0.00	26.40 -1.46 0.00	19.14 -1.01 0.00	19.30 -0.88 0.00
STA_7___115KV_9TRANS 80674	22.23 -0.74 0.00	21.36 -0.69 0.00	19.29 -0.67 0.00	19.11 -0.73 0.00	18.81 -0.68 0.00	18.23 -0.70 0.00	18.79 -0.89 0.00	18.74 -0.97 0.00	18.57 -0.90 0.00	19.03 -0.82 0.00	18.82 -0.78 0.00	17.76 -0.61 0.00	17.38 -0.54 0.00	17.30 -0.65 0.00	17.34 -0.60 0.00	17.14 -0.54 0.00	18.37 -0.70 0.00	21.17 -0.86 0.00	21.19 -0.74 0.00	27.50 -1.16 0.00	43.43 -2.15 0.00	26.58 -1.28 0.00	19.28 -0.87 0.00	19.42 -0.76 0.00
STA_82___115KV_TB1 80780	22.12 -0.86 0.00	21.25 -0.81 0.00	19.20 -0.76 0.00	19.02 -0.82 0.00	18.73 -0.76 0.00	18.14 -0.78 0.00	18.70 -0.98 0.00	18.65 -1.07 0.00	18.47 -1.00 0.00	18.92 -0.93 0.00	18.71 -0.88 0.00	17.67 -0.70 0.00	17.28 -0.63 0.00	17.21 -0.75 0.00	17.24 -0.70 0.00	17.04 -0.64 0.00	18.25 -0.82 0.00	21.03 -1.00 0.00	21.04 -0.89 0.00	27.31 -1.35 0.00	43.13 -2.44 0.00	26.40 -1.46 0.00	19.16 -0.99 0.00	19.31 -0.87 0.00
STEEL___WIND 323596	22.18 -0.79 0.00	21.34 -0.72 0.00	19.24 -0.73 0.00	19.04 -0.80 0.00	18.77 -0.73 0.00	18.16 -0.76 0.00	18.58 -1.10 0.00	18.46 -1.25 0.00	18.26 -1.21 0.00	18.81 -1.05 0.00	18.65 -0.95 0.00	17.64 -0.72 0.00	17.31 -0.61 0.00	17.14 -0.81 0.00	17.20 -0.74 0.00	17.03 -0.66 0.00	18.16 -0.91 0.00	20.82 -1.22 0.00	20.77 -1.15 0.00	26.83 -1.82 0.00	42.12 -3.45 0.00	25.83 -2.03 0.00	18.80 -1.35 0.00	18.99 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	23.40 0.43 0.00	22.41 0.35 0.00	20.32 0.36 0.00	20.19 0.36 0.00	19.83 0.34 0.00	19.26 0.34 0.00	20.07 0.39 0.00	20.09 0.38 0.00	19.83 0.36 0.00	20.27 0.41 0.00	19.94 0.34 0.00	18.68 0.32 0.00	18.25 0.33 0.00	18.35 0.40 0.00	18.35 0.41 0.00	18.09 0.41 0.00	19.51 0.44 0.00	22.70 0.66 0.00	22.75 0.82 0.00	29.60 0.94 0.00	46.56 0.98 0.00	28.36 0.50 0.00	20.52 0.36 0.00	20.51 0.33 0.00
STEUBEN_REC_LFGE 323667	23.16 0.18 0.00	22.22 0.16 0.00	19.98 0.02 0.00	19.87 0.04 0.00	19.57 0.08 0.00	19.05 0.12 0.00	19.73 0.05 0.00	19.86 0.15 0.00	19.51 0.05 0.00	19.98 0.13 0.00	19.77 0.18 0.00	18.52 0.15 0.00	18.01 0.09 0.00	17.98 0.02 0.00	18.07 0.12 0.00	17.89 0.21 0.00	19.27 0.21 0.00	22.37 0.33 0.00	22.37 0.44 0.00	29.06 0.40 0.00	45.44 -0.14 0.00	27.54 -0.32 0.00	19.80 -0.35 0.00	19.64 -0.53 0.00
STILLWATER___SOLAR 323814	23.48 0.51 0.00	22.48 0.42 0.00	20.37 0.41 0.00	20.26 0.42 0.00	19.91 0.42 0.00	19.32 0.39 0.00	20.14 0.46 0.00	20.20 0.48 0.00	19.98 0.52 0.00	20.42 0.56 0.00	20.09 0.50 0.00	18.80 0.43 0.00	18.34 0.42 0.00	18.43 0.48 0.00	18.46 0.51 0.00	18.21 0.53 0.00	19.66 0.59 0.00	22.89 0.86 0.00	22.90 0.97 0.00	29.75 1.09 0.00	46.86 1.28 0.00	28.53 0.67 0.00	20.57 0.42 0.00	20.53 0.36 0.00
STONY___BROOK 24151	23.75 0.77 0.00	22.79 0.73 0.00	20.57 0.60 0.00	20.37 0.53 0.00	20.03 0.53 0.00	19.45 0.53 0.00	20.27 0.59 0.00	20.31 0.60 0.00	20.05 0.58 0.00	20.41 0.56 0.00	20.27 0.67 0.00	19.06 0.69 0.00	18.54 0.63 0.00	18.66 0.71 0.00	18.61 0.66 0.00	18.45 0.77 0.00	19.92 0.85 0.00	23.31 1.27 0.00	23.50 1.57 0.00	30.39 1.73 0.00	47.16 1.59 0.00	28.91 1.05 0.00	20.97 0.82 0.00	20.86 0.69 0.00
STURGEON_POOL_HYD 23609	23.39 0.42 0.00	22.40 0.34 0.00	20.24 0.28 0.00	20.09 0.25 0.00	19.75 0.26 0.00	19.21 0.29 0.00	20.02 0.34 0.00	20.09 0.37 0.00	19.79 0.33 0.00	20.14 0.29 0.00	19.92 0.33 0.00	18.70 0.33 0.00	18.17 0.25 0.00	18.28 0.33 0.00	18.26 0.32 0.00	18.07 0.38 0.00	19.52 0.45 0.00	22.80 0.77 0.00	22.91 0.98 0.00	29.68 1.02 0.00	46.51 0.93 0.00	28.48 0.63 0.00	20.58 0.42 0.00	20.44 0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.43 0.45 0.00	22.46 0.40 0.00	20.30 0.34 0.00	20.13 0.29 0.00	19.79 0.30 0.00	19.25 0.33 0.00	20.06 0.38 0.00	20.12 0.41 0.00	19.83 0.37 0.00	20.20 0.35 0.00	19.97 0.37 0.00	18.74 0.38 0.00	18.24 0.32 0.00	18.35 0.39 0.00	18.33 0.39 0.00	18.12 0.43 0.00	19.57 0.50 0.00	22.82 0.78 0.00	22.88 0.95 0.00	29.66 1.00 0.00	46.53 0.95 0.00	28.49 0.63 0.00	20.60 0.44 0.00	20.47 0.30 0.00
SWANROAD_115KV_TB1 355699	21.40 -1.58 0.00	20.60 -1.46 0.00	18.61 -1.35 0.00	18.40 -1.44 0.00	18.14 -1.35 0.00	17.53 -1.39 0.00	17.90 -1.78 0.00	17.71 -2.00 0.00	17.59 -1.88 0.00	18.09 -1.76 0.00	17.90 -1.69 0.00	16.99 -1.37 0.00	16.69 -1.23 0.00	16.51 -1.45 0.00	16.55 -1.40 0.00	16.39 -1.29 0.00	17.45 -1.62 0.00	19.97 -2.06 0.00	19.97 -1.96 0.00	25.73 -2.93 0.00	40.39 -5.18 0.00	24.86 -3.00 0.00	18.16 -1.99 0.00	18.39 -1.79 0.00
SYNERGY___BIOGAS 323694	22.27 -0.71 0.00	21.40 -0.66 0.00	19.32 -0.64 0.00	19.12 -0.73 0.00	18.84 -0.65 0.00	18.24 -0.69 0.00	18.71 -0.97 0.00	18.58 -1.13 0.00	18.44 -1.03 0.00	18.97 -0.88 0.00	18.76 -0.83 0.00	17.74 -0.62 0.00	17.38 -0.53 0.00	17.24 -0.72 0.00	17.29 -0.65 0.00	17.16 -0.52 0.00	18.34 -0.73 0.00	21.09 -0.94 0.00	21.09 -0.84 0.00	27.23 -1.43 0.00	42.81 -2.77 0.00	26.23 -1.63 0.00	19.06 -1.09 0.00	19.25 -0.93 0.00
SYRACUSE___ENERGY_ST1 323597	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00

SYRACUSE___ENERGY_ST2 323598	22.54 -0.44 0.00	21.65 -0.41 0.00	19.56 -0.41 0.00	19.43 -0.41 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.28 -0.40 0.00	19.32 -0.39 0.00	19.05 -0.42 0.00	19.40 -0.46 0.00	19.18 -0.41 0.00	18.03 -0.34 0.00	17.59 -0.33 0.00	17.61 -0.34 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.66 -0.27 0.00	28.33 -0.33 0.00	45.04 -0.54 0.00	27.50 -0.36 0.00	19.89 -0.26 0.00	19.98 -0.20 0.00
SYRACUSE___POWER 24017	22.54 -0.44 0.00	21.63 -0.43 0.00	19.56 -0.41 0.00	19.42 -0.42 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.27 -0.41 0.00	19.31 -0.40 0.00	19.04 -0.43 0.00	19.39 -0.46 0.00	19.17 -0.43 0.00	18.02 -0.35 0.00	17.59 -0.33 0.00	17.60 -0.35 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.67 -0.26 0.00	28.33 -0.33 0.00	45.00 -0.57 0.00	27.48 -0.38 0.00	19.88 -0.28 0.00	19.95 -0.22 0.00
TALLMAN__138KV_BK151 55660	23.53 0.55 0.00	22.55 0.49 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.86 0.37 0.00	19.32 0.40 0.00	20.15 0.47 0.00	20.21 0.50 0.00	19.91 0.44 0.00	20.28 0.43 0.00	20.07 0.47 0.00	18.84 0.47 0.00	18.33 0.41 0.00	18.44 0.49 0.00	18.42 0.48 0.00	18.21 0.52 0.00	19.66 0.59 0.00	22.94 0.90 0.00	23.02 1.09 0.00	29.80 1.14 0.00	46.70 1.13 0.00	28.62 0.76 0.00	20.69 0.53 0.00	20.55 0.37 0.00
TEALLAVE_115KV_TB7 355573	22.39 -0.58 0.00	21.49 -0.57 0.00	19.43 -0.53 0.00	19.30 -0.54 0.00	18.99 -0.50 0.00	18.44 -0.49 0.00	19.14 -0.54 0.00	19.17 -0.54 0.00	18.90 -0.56 0.00	19.25 -0.60 0.00	19.03 -0.57 0.00	17.89 -0.47 0.00	17.47 -0.45 0.00	17.48 -0.47 0.00	17.49 -0.45 0.00	17.25 -0.43 0.00	18.57 -0.50 0.00	21.51 -0.53 0.00	21.50 -0.42 0.00	28.12 -0.54 0.00	44.70 -0.88 0.00	27.30 -0.56 0.00	19.75 -0.40 0.00	19.85 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	21.94 -1.03 0.00	21.10 -0.96 0.00	19.06 -0.90 0.00	18.86 -0.98 0.00	18.59 -0.90 0.00	17.97 -0.95 0.00	18.40 -1.28 0.00	18.26 -1.45 0.00	18.13 -1.34 0.00	18.65 -1.21 0.00	18.44 -1.16 0.00	17.47 -0.90 0.00	17.13 -0.79 0.00	16.97 -0.98 0.00	17.02 -0.92 0.00	16.87 -0.81 0.00	18.00 -1.07 0.00	20.66 -1.38 0.00	20.64 -1.29 0.00	26.63 -2.03 0.00	41.83 -3.74 0.00	25.68 -2.18 0.00	18.70 -1.45 0.00	18.91 -1.27 0.00
TEMPLE___115KV_TB 2 55572	22.41 -0.57 0.00	21.50 -0.56 0.00	19.44 -0.52 0.00	19.31 -0.53 0.00	18.99 -0.50 0.00	18.45 -0.47 0.00	19.15 -0.54 0.00	19.18 -0.53 0.00	18.91 -0.56 0.00	19.26 -0.59 0.00	19.04 -0.55 0.00	17.90 -0.46 0.00	17.48 -0.44 0.00	17.49 -0.46 0.00	17.50 -0.44 0.00	17.26 -0.42 0.00	18.58 -0.49 0.00	21.52 -0.52 0.00	21.52 -0.41 0.00	28.14 -0.52 0.00	44.72 -0.85 0.00	27.30 -0.55 0.00	19.77 -0.39 0.00	19.85 -0.32 0.00
TIANA____69_KV_BK 1 55817	23.81 0.83 0.00	22.87 0.81 0.00	20.64 0.67 0.00	20.44 0.60 0.00	20.10 0.61 0.00	19.51 0.58 0.00	20.31 0.63 0.00	20.35 0.64 0.00	20.12 0.65 0.00	20.52 0.66 0.00	20.37 0.77 0.00	19.14 0.78 0.00	18.63 0.71 0.00	18.75 0.80 0.00	18.65 0.71 0.00	18.47 0.79 0.00	19.96 0.89 0.00	23.36 1.32 0.00	23.57 1.64 0.00	30.50 1.84 0.00	47.33 1.76 0.00	28.97 1.12 0.00	21.02 0.87 0.00	20.93 0.76 0.00
TILDEN___115KV_TB1 80814	22.54 -0.44 0.00	21.63 -0.43 0.00	19.56 -0.41 0.00	19.42 -0.42 0.00	19.11 -0.38 0.00	18.57 -0.36 0.00	19.27 -0.41 0.00	19.31 -0.40 0.00	19.04 -0.43 0.00	19.39 -0.46 0.00	19.17 -0.43 0.00	18.02 -0.35 0.00	17.59 -0.33 0.00	17.60 -0.35 0.00	17.62 -0.33 0.00	17.38 -0.30 0.00	18.71 -0.36 0.00	21.68 -0.36 0.00	21.67 -0.26 0.00	28.33 -0.33 0.00	45.00 -0.57 0.00	27.48 -0.38 0.00	19.88 -0.28 0.00	19.95 -0.22 0.00
TRIGEN___CC 323695	23.71 0.74 0.00	22.72 0.67 0.00	20.53 0.56 0.00	20.34 0.50 0.00	20.00 0.50 0.00	19.44 0.51 0.00	20.26 0.57 0.00	20.30 0.59 0.00	20.00 0.53 0.00	20.38 0.52 0.00	20.22 0.62 0.00	19.00 0.63 0.00	18.48 0.57 0.00	18.61 0.66 0.00	18.58 0.64 0.00	18.38 0.70 0.00	19.85 0.78 0.00	23.17 1.14 0.00	23.30 1.37 0.00	30.15 1.49 0.00	46.91 1.34 0.00	28.79 0.93 0.00	20.89 0.73 0.00	20.75 0.58 0.00
TRINITY__115KV__ 4 BK 55933	23.21 0.23 0.00	22.26 0.21 0.00	20.19 0.22 0.00	20.08 0.24 0.00	19.72 0.23 0.00	19.11 0.19 0.00	19.91 0.23 0.00	19.93 0.22 0.00	19.69 0.22 0.00	20.12 0.27 0.00	19.81 0.21 0.00	18.57 0.20 0.00	18.14 0.22 0.00	18.25 0.30 0.00	18.25 0.30 0.00	17.98 0.30 0.00	19.36 0.29 0.00	22.48 0.44 0.00	22.48 0.55 0.00	29.21 0.55 0.00	46.07 0.49 0.00	28.11 0.25 0.00	20.36 0.21 0.00	20.35 0.18 0.00
UNION___PROCESSING_DRP 323587	22.12 -0.86 0.00	21.26 -0.80 0.00	19.21 -0.76 0.00	19.03 -0.82 0.00	18.74 -0.75 0.00	18.15 -0.78 0.00	18.70 -0.98 0.00	18.65 -1.06 0.00	18.47 -0.99 0.00	18.93 -0.93 0.00	18.72 -0.88 0.00	17.67 -0.70 0.00	17.29 -0.62 0.00	17.21 -0.74 0.00	17.25 -0.69 0.00	17.05 -0.63 0.00	18.26 -0.81 0.00	21.04 -1.00 0.00	21.05 -0.88 0.00	27.32 -1.34 0.00	43.14 -2.44 0.00	26.41 -1.45 0.00	19.16 -0.99 0.00	19.31 -0.86 0.00
UPPER HUDSON___HYD 24058	23.43 0.45 0.00	22.40 0.34 0.00	20.29 0.33 0.00	20.21 0.37 0.00	19.84 0.35 0.00	19.27 0.34 0.00	20.11 0.43 0.00	20.17 0.46 0.00	20.04 0.57 0.00	20.49 0.63 0.00	20.16 0.56 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.42 0.47 0.00	18.46 0.52 0.00	18.24 0.55 0.00	19.67 0.60 0.00	23.01 0.97 0.00	23.01 1.08 0.00	29.86 1.20 0.00	46.90 1.32 0.00	28.50 0.64 0.00	20.48 0.33 0.00	20.44 0.27 0.00
UPPER RAQUET___HYD 24056	23.93 0.95 0.00	22.98 0.93 0.00	20.85 0.88 0.00	20.72 0.87 0.00	20.25 0.76 0.00	19.74 0.81 0.00	20.54 0.86 0.00	20.52 0.81 0.00	20.39 0.92 0.00	20.84 0.99 0.00	20.53 0.94 0.00	19.15 0.79 0.00	18.67 0.76 0.00	18.61 0.65 0.00	18.52 0.58 0.00	18.21 0.53 0.00	19.60 0.53 0.00	22.31 0.27 0.00	22.07 0.14 0.00	29.12 0.46 0.00	46.66 1.09 0.00	28.58 0.72 0.00	20.75 0.60 0.00	20.74 0.57 0.00
VALLEY44_115KV_TB2 355964	22.76 -0.21 0.00	21.91 -0.15 0.00	19.72 -0.25 0.00	19.52 -0.32 0.00	19.25 -0.24 0.00	18.60 -0.33 0.00	19.05 -0.63 0.00	18.99 -0.72 0.00	18.75 -0.72 0.00	19.33 -0.53 0.00	19.30 -0.29 0.00	18.26 -0.10 0.00	17.83 -0.08 0.00	17.72 -0.23 0.00	17.78 -0.16 0.00	17.56 -0.12 0.00	18.68 -0.39 0.00	21.43 -0.61 0.00	21.33 -0.60 0.00	27.57 -1.09 0.00	43.35 -2.23 0.00	26.62 -1.24 0.00	19.43 -0.72 0.00	19.52 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	22.82 -0.15 0.00	21.88 -0.18 0.00	19.83 -0.14 0.00	19.65 -0.19 0.00	19.27 -0.22 0.00	18.73 -0.20 0.00	19.51 -0.17 0.00	19.57 -0.14 0.00	19.36 -0.11 0.00	19.76 -0.10 0.00	19.46 -0.14 0.00	18.22 -0.15 0.00	17.73 -0.19 0.00	17.87 -0.09 0.00	17.85 -0.09 0.00	17.65 -0.04 0.00	19.06 -0.01 0.00	22.19 0.15 0.00	22.22 0.29 0.00	28.90 0.24 0.00	45.59 0.01 0.00	27.76 -0.10 0.00	20.01 -0.14 0.00	19.87 -0.30 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.56 0.58 0.00	22.61 0.55 0.00	20.42 0.45 0.00	20.31 0.47 0.00	19.96 0.47 0.00	19.37 0.45 0.00	20.14 0.46 0.00	20.23 0.52 0.00	19.99 0.52 0.00	20.41 0.55 0.00	20.14 0.55 0.00	18.90 0.53 0.00	18.40 0.49 0.00	18.47 0.51 0.00	18.46 0.52 0.00	18.24 0.56 0.00	19.70 0.63 0.00	22.87 0.84 0.00	22.85 0.92 0.00	29.75 1.09 0.00	46.92 1.34 0.00	28.67 0.81 0.00	20.70 0.55 0.00	20.66 0.48 0.00
VISCHER___FERRY HYD 24020	23.23 0.25 0.00	22.27 0.21 0.00	20.18 0.22 0.00	20.08 0.24 0.00	19.71 0.23 0.00	19.11 0.19 0.00	19.93 0.25 0.00	19.98 0.27 0.00	19.75 0.28 0.00	20.17 0.31 0.00	19.84 0.25 0.00	18.58 0.21 0.00	18.15 0.23 0.00	18.26 0.30 0.00	18.26 0.31 0.00	17.99 0.30 0.00	19.40 0.33 0.00	22.54 0.51 0.00	22.56 0.63 0.00	29.32 0.66 0.00	46.26 0.68 0.00	28.19 0.33 0.00	20.36 0.20 0.00	20.33 0.15 0.00
V_A_10_SYNC_DSASP 323832	21.68 -1.30 0.00	20.86 -1.20 0.00	18.83 -1.13 0.00	18.64 -1.20 0.00	18.37 -1.13 0.00	17.76 -1.17 0.00	18.21 -1.47 0.00	18.11 -1.60 0.00	17.93 -1.54 0.00	18.44 -1.41 0.00	18.27 -1.33 0.00	17.27 -1.09 0.00	16.93 -0.99 0.00	16.81 -1.14 0.00	16.84 -1.10 0.00	16.66 -1.03 0.00	17.77 -1.30 0.00	20.39 -1.65 0.00	20.38 -1.55 0.00	26.35 -2.31 0.00	41.50 -4.08 0.00	25.48 -2.38 0.00	18.55 -1.60 0.00	18.75 -1.43 0.00
V_CMM_10_SYNC_DSASP 323787	23.51 0.54 0.00	22.62 0.56 0.00	20.49 0.52 0.00	20.36 0.52 0.00	19.96 0.46 0.00	19.40 0.48 0.00	20.18 0.50 0.00	20.18 0.46 0.00	20.00 0.53 0.00	20.43 0.58 0.00	20.14 0.54 0.00	18.80 0.44 0.00	18.34 0.43 0.00	18.30 0.35 0.00	18.27 0.32 0.00	17.97 0.29 0.00	19.41 0.34 0.00	22.22 0.18 0.00	21.92 -0.01 0.00	28.77 0.11 0.00	46.09 0.51 0.00	28.21 0.35 0.00	20.43 0.27 0.00	20.47 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	24.47 1.49 0.00	23.54 1.49 0.00	21.37 1.40 0.00	21.24 1.40 0.00	20.78 1.29 0.00	20.11 1.18 0.00	20.90 1.23 0.00	20.91 1.20 0.00	20.71 1.24 0.00	21.14 1.29 0.00	20.81 1.21 0.00	19.44 1.07 0.00	18.91 0.99 0.00	18.92 0.97 0.00	18.83 0.89 0.00	18.54 0.86 0.00	20.09 1.02 0.00	23.05 1.01 0.00	22.56 0.63 0.00	29.70 1.04 0.00	47.45 1.87 0.00	29.03 1.17 0.00	21.22 1.06 0.00	21.23 1.05 0.00
V_D_10_SYNC_DSASP 323841	23.78 0.80 0.00	22.87 0.81 0.00	20.72 0.75 0.00	20.59 0.74 0.00	20.17 0.68 0.00	19.62 0.69 0.00	20.41 0.72 0.00	20.40 0.69 0.00	20.22 0.76 0.00	20.67 0.81 0.00	20.37 0.77 0.00	19.01 0.65 0.00	18.55 0.63 0.00	18.50 0.55 0.00	18.45 0.51 0.00	18.16 0.48 0.00	19.60 0.53 0.00	22.37 0.33 0.00	22.08 0.15 0.00	28.98 0.32 0.00	46.42 0.85 0.00	28.43 0.57 0.00	20.64 0.49 0.00	20.68 0.50 0.00
V_E_10_SYNC_DSASP 323830	24.48 1.50 0.00	23.55 1.50 0.00	21.19 1.22 0.00	21.07 1.23 0.00	20.72 1.23 0.00	20.12 1.20 0.00	20.96 1.28 0.00	21.08 1.37 0.00	20.85 1.38 0.00	21.32 1.46 0.00	21.03 1.43 0.00	19.79 1.42 0.00	19.25 1.34 0.00	19.25 1.29 0.00	19.32 1.38 0.00	19.13 1.45 0.00	20.66 1.59 0.00	24.06 2.02 0.00	24.08 2.15 0.00	31.33 2.67 0.00	49.31 3.74 0.00	29.94 2.08 0.00	21.46 1.31 0.00	21.37 1.20 0.00
V_F_30_NSYNC___DSASP 323816	23.52 0.54 0.00	22.52 0.46 0.00	20.40 0.43 0.00	20.30 0.46 0.00	19.94 0.45 0.00	19.35 0.42 0.00	20.17 0.49 0.00	20.23 0.52 0.00	20.01 0.54 0.00	20.45 0.59 0.00	20.13 0.53 0.00	18.84 0.47 0.00	18.38 0.46 0.00	18.47 0.52 0.00	18.49 0.55 0.00	18.24 0.56 0.00	19.69 0.62 0.00	22.93 0.89 0.00	22.93 1.01 0.00	29.80 1.14 0.00	46.94 1.37 0.00	28.58 0.72 0.00	20.61 0.45 0.00	20.57 0.39 0.00
V_F_30_SYNC_DSASP 323786	23.30 0.32 0.00	22.36 0.30 0.00	20.27 0.31 0.00	20.16 0.33 0.00	19.80 0.31 0.00	19.19 0.27 0.00	19.99 0.31 0.00	20.01 0.31 0.00	19.77 0.31 0.00	20.21 0.36 0.00	19.90 0.30 0.00	18.66 0.29 0.00	18.23 0.31 0.00	18.34 0.39 0.00	18.34 0.39 0.00	18.08 0.39 0.00	19.46 0.39 0.00	22.59 0.56 0.00	22.60 0.67 0.00	29.35 0.69 0.00	46.28 0.71 0.00	28.25 0.39 0.00	20.46 0.31 0.00	20.44 0.27 0.00
V_XM_10_SYNC_DSASP 323789	24.47 1.49 0.00	23.54 1.49 0.00	21.37 1.40 0.00	21.24 1.40 0.00	20.78 1.29 0.00	20.11 1.18 0.00	20.90 1.23 0.00	20.91 1.20 0.00	20.71 1.24 0.00	21.14 1.29 0.00	20.81 1.21 0.00	19.44 1.07 0.00	18.91 0.99 0.00	18.92 0.97 0.00	18.83 0.89 0.00	18.54 0.86 0.00	20.09 1.02 0.00	23.05 1.01 0.00	22.56 0.63 0.00	29.70 1.04 0.00	47.45 1.87 0.00	29.03 1.17 0.00	21.22 1.06 0.00	21.23 1.05 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.60 0.62 0.00	22.62 0.56 0.00	20.43 0.47 0.00	20.25 0.41 0.00	19.92 0.42 0.00	19.38 0.45 0.00	20.20 0.52 0.00	20.27 0.55 0.00	19.97 0.50 0.00	20.34 0.49 0.00	20.12 0.53 0.00	18.89 0.53 0.00	18.38 0.47 0.00	18.49 0.54 0.00	18.48 0.53 0.00	18.27 0.58 0.00	19.73 0.66 0.00	23.01 0.97 0.00	23.09 1.17 0.00	29.90 1.23 0.00	46.86 1.28 0.00	28.71 0.85 0.00	20.75 0.60 0.00	20.61 0.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.51 0.53 0.00	22.56 0.50 0.00	20.40 0.44 0.00	20.22 0.39 0.00	19.89 0.40 0.00	19.35 0.43 0.00	20.17 0.49 0.00	20.25 0.54 0.00	19.97 0.50 0.00	20.35 0.49 0.00	20.13 0.53 0.00	18.89 0.53 0.00	18.37 0.45 0.00	18.50 0.54 0.00	18.47 0.52 0.00	18.27 0.58 0.00	19.72 0.65 0.00	22.98 0.94 0.00	23.09 1.17 0.00	29.83 1.17 0.00	46.58 1.01 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.50 0.33 0.00
W50THST__13_KV_LOAD 356117	23.62 0.64 0.00	22.70 0.64 0.00	20.53 0.57 0.00	20.35 0.52 0.00	20.01 0.52 0.00	19.47 0.55 0.00	20.29 0.61 0.00	20.37 0.66 0.00	20.09 0.62 0.00	20.48 0.62 0.00	20.26 0.66 0.00	19.02 0.65 0.00	18.50 0.58 0.00	18.61 0.66 0.00	18.58 0.64 0.00	18.38 0.70 0.00	19.84 0.77 0.00	23.13 1.09 0.00	23.24 1.30 0.00	30.01 1.35 0.00	46.86 1.28 0.00	28.75 0.90 0.00	20.78 0.63 0.00	20.62 0.45 0.00
WADING RIVER_IC_1 23522	23.60 0.62 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.45 0.00	19.34 0.41 0.00	20.14 0.46 0.00	20.17 0.46 0.00	19.95 0.48 0.00	20.36 0.51 0.00	20.24 0.64 0.00	19.03 0.67 0.00	18.53 0.61 0.00	18.66 0.70 0.00	18.54 0.59 0.00	18.36 0.68 0.00	19.80 0.73 0.00	23.16 1.13 0.00	23.36 1.44 0.00	30.22 1.56 0.00	46.90 1.32 0.00	28.71 0.85 0.00	20.84 0.69 0.00	20.77 0.60 0.00
WADING RIVER_IC_2 23547	23.60 0.62 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.45 0.00	19.34 0.41 0.00	20.14 0.46 0.00	20.17 0.46 0.00	19.95 0.48 0.00	20.36 0.51 0.00	20.24 0.64 0.00	19.03 0.67 0.00	18.53 0.61 0.00	18.66 0.70 0.00	18.54 0.59 0.00	18.36 0.68 0.00	19.80 0.73 0.00	23.16 1.13 0.00	23.36 1.44 0.00	30.22 1.56 0.00	46.90 1.32 0.00	28.71 0.85 0.00	20.84 0.69 0.00	20.77 0.60 0.00

WADING RIVER_IC_3 23601	23.60 0.62 0.00	22.68 0.62 0.00	20.47 0.51 0.00	20.27 0.43 0.00	19.94 0.45 0.00	19.34 0.41 0.00	20.14 0.46 0.00	20.17 0.46 0.00	19.95 0.48 0.00	20.36 0.51 0.00	20.24 0.64 0.00	19.03 0.67 0.00	18.53 0.61 0.00	18.66 0.70 0.00	18.54 0.59 0.00	18.36 0.68 0.00	19.80 0.73 0.00	23.16 1.13 0.00	23.36 1.44 0.00	30.22 1.56 0.00	46.90 1.32 0.00	28.71 0.85 0.00	20.84 0.69 0.00	20.77 0.60 0.00
WALDENNY_I2_KV_BK2 80841	22.15 -0.83 0.00	21.31 -0.75 0.00	19.21 -0.75 0.00	19.01 -0.83 0.00	18.74 -0.75 0.00	18.13 -0.80 0.00	18.53 -1.15 0.00	18.42 -1.29 0.00	18.25 -1.22 0.00	18.78 -1.08 0.00	18.61 -0.99 0.00	17.63 -0.74 0.00	17.29 -0.63 0.00	17.13 -0.82 0.00	17.18 -0.76 0.00	17.02 -0.66 0.00	18.14 -0.93 0.00	20.79 -1.25 0.00	20.76 -1.17 0.00	26.80 -1.86 0.00	42.07 -3.51 0.00	25.80 -2.05 0.00	18.79 -1.36 0.00	18.98 -1.19 0.00
WALDEN___HYDRO 24148	23.61 0.63 0.00	22.62 0.56 0.00	20.44 0.47 0.00	20.27 0.43 0.00	19.93 0.44 0.00	19.39 0.46 0.00	20.21 0.53 0.00	20.27 0.56 0.00	19.96 0.49 0.00	20.30 0.44 0.00	20.01 0.42 0.00	18.78 0.41 0.00	18.26 0.35 0.00	18.37 0.42 0.00	18.36 0.42 0.00	18.15 0.47 0.00	19.63 0.56 0.00	23.00 0.96 0.00	23.09 1.17 0.00	29.95 1.29 0.00	46.98 1.41 0.00	28.74 0.88 0.00	20.76 0.61 0.00	20.62 0.45 0.00
WARRENSBURG____ 23737	23.43 0.45 0.00	22.40 0.34 0.00	20.29 0.33 0.00	20.21 0.37 0.00	19.84 0.35 0.00	19.27 0.34 0.00	20.11 0.43 0.00	20.17 0.46 0.00	20.04 0.57 0.00	20.49 0.63 0.00	20.16 0.56 0.00	18.86 0.50 0.00	18.36 0.44 0.00	18.42 0.47 0.00	18.46 0.52 0.00	18.24 0.55 0.00	19.67 0.60 0.00	23.01 0.97 0.00	23.01 1.08 0.00	29.86 1.20 0.00	46.90 1.32 0.00	28.50 0.64 0.00	20.48 0.33 0.00	20.44 0.27 0.00
WATERSIDE___6 8 9 23538	23.52 0.54 0.00	22.51 0.45 0.00	20.37 0.41 0.00	20.19 0.35 0.00	19.84 0.35 0.00	19.31 0.39 0.00	20.14 0.46 0.00	20.22 0.50 0.00	19.93 0.47 0.00	20.31 0.45 0.00	20.10 0.51 0.00	18.87 0.50 0.00	18.34 0.42 0.00	18.47 0.52 0.00	18.43 0.49 0.00	18.23 0.55 0.00	19.68 0.61 0.00	22.94 0.90 0.00	23.04 1.12 0.00	29.78 1.12 0.00	46.51 0.93 0.00	28.57 0.71 0.00	20.64 0.49 0.00	20.48 0.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.89 -0.09 0.00	21.95 -0.11 0.00	19.87 -0.10 0.00	19.73 -0.10 0.00	19.38 -0.11 0.00	18.82 -0.11 0.00	19.60 -0.08 0.00	19.66 -0.06 0.00	19.41 -0.06 0.00	19.80 -0.06 0.00	19.52 -0.08 0.00	18.29 -0.08 0.00	17.80 -0.11 0.00	17.91 -0.05 0.00	17.89 -0.05 0.00	17.67 -0.01 0.00	19.08 0.01 0.00	22.18 0.14 0.00	22.18 0.25 0.00	28.89 0.23 0.00	45.64 0.06 0.00	27.82 -0.04 0.00	20.08 -0.07 0.00	20.00 -0.17 0.00
WATSON___69_KV_BK 1 55734	23.97 1.00 0.00	22.99 0.94 0.00	20.75 0.79 0.00	20.55 0.71 0.00	20.20 0.72 0.00	19.63 0.70 0.00	20.45 0.77 0.00	20.48 0.76 0.00	20.20 0.73 0.00	20.56 0.70 0.00	20.41 0.82 0.00	19.18 0.81 0.00	18.65 0.74 0.00	18.77 0.82 0.00	18.72 0.78 0.00	18.56 0.88 0.00	20.06 0.99 0.00	23.48 1.44 0.00	23.68 1.75 0.00	30.64 1.98 0.00	47.56 1.99 0.00	29.15 1.29 0.00	21.15 1.00 0.00	21.04 0.87 0.00
WDELAWARE___HYD 323627	23.35 0.37 0.00	22.40 0.34 0.00	20.24 0.28 0.00	20.08 0.24 0.00	19.74 0.25 0.00	19.21 0.29 0.00	20.03 0.35 0.00	20.09 0.38 0.00	19.74 0.27 0.00	20.02 0.16 0.00	19.71 0.12 0.00	18.47 0.11 0.00	18.02 0.10 0.00	18.06 0.11 0.00	18.04 0.09 0.00	17.91 0.23 0.00	19.35 0.28 0.00	22.67 0.64 0.00	22.78 0.85 0.00	29.56 0.90 0.00	46.43 0.85 0.00	28.39 0.53 0.00	20.49 0.33 0.00	20.39 0.21 0.00
WEST BABYLON___IC 23714	23.96 0.98 0.00	22.97 0.91 0.00	20.74 0.77 0.00	20.53 0.69 0.00	20.18 0.69 0.00	19.61 0.69 0.00	20.43 0.75 0.00	20.46 0.74 0.00	20.18 0.71 0.00	20.53 0.67 0.00	20.38 0.78 0.00	19.14 0.78 0.00	18.62 0.70 0.00	18.74 0.79 0.00	18.70 0.76 0.00	18.54 0.86 0.00	20.03 0.96 0.00	23.44 1.40 0.00	23.63 1.70 0.00	30.56 1.90 0.00	47.49 1.91 0.00	29.13 1.27 0.00	21.13 0.98 0.00	21.01 0.83 0.00
WEST CANADA___HYD 24049	22.96 -0.02 0.00	22.02 -0.03 0.00	19.94 -0.02 0.00	19.82 -0.02 0.00	19.47 -0.02 0.00	18.90 -0.02 0.00	19.66 -0.02 0.00	19.70 -0.01 0.00	19.45 -0.02 0.00	19.83 -0.02 0.00	19.58 -0.02 0.00	18.35 -0.02 0.00	17.90 -0.02 0.00	17.96 0.01 0.00	17.96 0.02 0.00	17.70 0.02 0.00	19.09 0.02 0.00	22.11 0.08 0.00	22.06 0.13 0.00	28.79 0.13 0.00	45.64 0.06 0.00	27.88 0.02 0.00	20.15 0.00 0.00	20.16 -0.02 0.00
WESTERN_NY_WIND 24143	22.24 -0.73 0.00	21.38 -0.68 0.00	19.30 -0.67 0.00	19.09 -0.75 0.00	18.82 -0.67 0.00	18.21 -0.71 0.00	18.68 -1.00 0.00	18.56 -1.15 0.00	18.43 -1.04 0.00	18.94 -0.91 0.00	18.72 -0.88 0.00	17.72 -0.65 0.00	17.36 -0.55 0.00	17.21 -0.74 0.00	17.27 -0.67 0.00	17.14 -0.55 0.00	18.31 -0.76 0.00	21.05 -0.99 0.00	21.05 -0.88 0.00	27.17 -1.49 0.00	42.72 -2.85 0.00	26.19 -1.67 0.00	19.03 -1.13 0.00	19.21 -0.96 0.00
WESTOVER___LESR 323668	22.79 -0.19 0.00	21.88 -0.18 0.00	19.72 -0.24 0.00	19.61 -0.22 0.00	19.29 -0.20 0.00	18.75 -0.18 0.00	19.44 -0.24 0.00	19.53 -0.19 0.00	19.21 -0.26 0.00	19.61 -0.24 0.00	19.41 -0.19 0.00	18.21 -0.15 0.00	17.76 -0.16 0.00	17.77 -0.18 0.00	17.81 -0.13 0.00	17.62 -0.07 0.00	18.95 -0.12 0.00	21.97 -0.07 0.00	21.92 -0.01 0.00	28.59 -0.07 0.00	45.12 -0.46 0.00	27.58 -0.28 0.00	19.96 -0.19 0.00	19.92 -0.25 0.00
WETHRSFD_WT_PWR 323626	21.98 -1.00 0.00	21.15 -0.91 0.00	19.07 -0.90 0.00	18.88 -0.96 0.00	18.60 -0.89 0.00	17.99 -0.93 0.00	18.41 -1.27 0.00	18.29 -1.42 0.00	18.09 -1.37 0.00	18.63 -1.22 0.00	18.47 -1.13 0.00	17.48 -0.89 0.00	17.14 -0.77 0.00	16.97 -0.98 0.00	17.01 -0.93 0.00	16.86 -0.83 0.00	17.98 -1.09 0.00	20.60 -1.43 0.00	20.55 -1.39 0.00	26.45 -2.22 0.00	41.45 -4.12 0.00	25.38 -2.48 0.00	18.41 -1.74 0.00	18.61 -1.57 0.00
WHAVSTOR_138KV_BK127 55557	23.50 0.52 0.00	22.53 0.47 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.50 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.63 1.06 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.52 0.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.50 0.52 0.00	22.53 0.47 0.00	20.35 0.39 0.00	20.17 0.33 0.00	19.84 0.34 0.00	19.30 0.38 0.00	20.12 0.44 0.00	20.19 0.47 0.00	19.89 0.42 0.00	20.26 0.41 0.00	20.04 0.45 0.00	18.81 0.44 0.00	18.30 0.39 0.00	18.42 0.46 0.00	18.40 0.46 0.00	18.19 0.50 0.00	19.64 0.57 0.00	22.90 0.87 0.00	22.99 1.06 0.00	29.76 1.10 0.00	46.63 1.06 0.00	28.58 0.72 0.00	20.66 0.51 0.00	20.52 0.34 0.00

WHITEHAL_115KV_TB1 80871	23.65 0.68 0.00	22.63 0.57 0.00	20.56 0.59 0.00	20.54 0.70 0.00	20.13 0.64 0.00	19.56 0.64 0.00	20.49 0.80 0.00	20.62 0.91 0.00	20.63 1.17 0.00	21.12 1.26 0.00	20.72 1.12 0.00	19.36 0.99 0.00	18.69 0.77 0.00	18.79 0.84 0.00	18.79 0.85 0.00	18.61 0.93 0.00	20.10 1.03 0.00	23.73 1.69 0.00	23.71 1.78 0.00	30.65 1.99 0.00	47.58 2.01 0.00	28.80 0.94 0.00	20.66 0.50 0.00	20.58 0.41 0.00
WHITEPLN_13_KV_LOAD 356215	23.72 0.74 0.00	22.71 0.66 0.00	20.53 0.56 0.00	20.35 0.51 0.00	20.01 0.52 0.00	19.47 0.54 0.00	20.29 0.61 0.00	20.36 0.65 0.00	20.08 0.61 0.00	20.46 0.60 0.00	20.23 0.64 0.00	18.99 0.62 0.00	18.47 0.55 0.00	18.60 0.65 0.00	18.59 0.64 0.00	18.38 0.70 0.00	19.85 0.77 0.00	23.15 1.12 0.00	23.26 1.33 0.00	30.10 1.44 0.00	47.10 1.53 0.00	28.86 1.00 0.00	20.85 0.70 0.00	20.71 0.53 0.00
WM_FLOYD_69_KV_BK2 356380	23.71 0.73 0.00	22.77 0.71 0.00	20.56 0.59 0.00	20.35 0.51 0.00	20.02 0.52 0.00	19.43 0.50 0.00	20.23 0.55 0.00	20.26 0.55 0.00	20.02 0.55 0.00	20.40 0.55 0.00	20.25 0.65 0.00	19.03 0.66 0.00	18.52 0.60 0.00	18.64 0.69 0.00	18.55 0.61 0.00	18.39 0.71 0.00	19.87 0.80 0.00	23.25 1.22 0.00	23.46 1.53 0.00	30.35 1.69 0.00	47.11 1.53 0.00	28.85 0.99 0.00	20.94 0.79 0.00	20.86 0.68 0.00
WOODARD__115KV_TB2 355635	22.36 -0.62 0.00	21.45 -0.60 0.00	19.40 -0.56 0.00	19.27 -0.57 0.00	18.96 -0.53 0.00	18.41 -0.51 0.00	19.11 -0.57 0.00	19.14 -0.56 0.00	18.88 -0.59 0.00	19.23 -0.63 0.00	19.00 -0.59 0.00	17.86 -0.50 0.00	17.43 -0.48 0.00	17.45 -0.50 0.00	17.46 -0.48 0.00	17.22 -0.47 0.00	18.54 -0.53 0.00	21.46 -0.57 0.00	21.46 -0.47 0.00	28.07 -0.60 0.00	44.64 -0.94 0.00	27.27 -0.59 0.00	19.73 -0.42 0.00	19.82 -0.35 0.00
YORK__WARBASSE 23770	23.68 0.70 0.00	22.62 0.56 0.00	20.46 0.49 0.00	20.27 0.43 0.00	19.92 0.43 0.00	19.39 0.46 0.00	20.22 0.54 0.00	20.29 0.58 0.00	20.01 0.54 0.00	20.38 0.53 0.00	20.18 0.58 0.00	18.94 0.57 0.00	18.42 0.50 0.00	18.54 0.59 0.00	18.51 0.57 0.00	18.31 0.63 0.00	19.76 0.69 0.00	23.04 1.00 0.00	23.15 1.23 0.00	29.91 1.25 0.00	46.69 1.12 0.00	28.76 0.90 0.00	20.78 0.62 0.00	20.62 0.44 0.00