

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/25/2023

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	21.29	21.42	19.47	19.72	20.03	19.39	17.82	19.22	18.97	20.04	21.23	22.80	20.25	18.52	19.02	19.21	19.29	20.16	18.05	17.10	16.97	17.72	16.22	16.52
24138	0.88	0.89	0.86	0.85	0.75	0.69	0.63	0.71	0.68	0.74	0.94	1.07	0.96	0.92	0.93	0.91	0.93	1.02	0.91	0.87	0.85	0.89	0.83	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.31	21.45	19.49	19.74	20.06	19.43	17.84	19.24	19.00	20.07	21.28	22.85	20.29	18.53	19.04	19.22	19.32	20.18	18.08	17.12	17.00	17.74	16.24	16.55
24260	0.90	0.92	0.88	0.87	0.78	0.72	0.66	0.73	0.71	0.77	0.99	1.11	1.00	0.93	0.95	0.93	0.96	1.05	0.93	0.89	0.87	0.92	0.85	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.31	21.45	19.49	19.74	20.06	19.43	17.84	19.24	19.00	20.07	21.28	22.85	20.29	18.53	19.04	19.22	19.32	20.18	18.08	17.12	17.00	17.74	16.24	16.55
24261	0.90	0.92	0.88	0.87	0.78	0.72	0.66	0.73	0.71	0.77	0.99	1.11	1.00	0.93	0.95	0.93	0.96	1.05	0.93	0.89	0.87	0.92	0.85	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.32	21.43	19.35	19.64	20.04	19.50	17.86	19.31	19.17	20.28	21.31	22.83	20.20	18.43	19.00	19.23	19.34	20.15	18.03	17.03	16.89	17.68	16.16	16.38
24011	0.91	0.90	0.75	0.78	0.76	0.80	0.68	0.79	0.88	0.98	1.02	1.09	0.91	0.82	0.90	0.94	0.98	1.01	0.88	0.80	0.76	0.86	0.77	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.41	21.51	19.40	19.70	20.10	19.59	17.94	19.41	19.30	20.43	21.45	22.98	20.31	18.54	19.10	19.36	19.46	20.28	18.13	17.11	16.96	17.77	16.25	16.45
23798	1.00	0.98	0.80	0.84	0.82	0.89	0.75	0.90	1.01	1.13	1.16	1.24	1.03	0.93	1.01	1.07	1.11	1.14	0.99	0.88	0.83	0.95	0.86	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.32	21.43	19.35	19.64	20.04	19.50	17.86	19.31	19.17	20.28	21.31	22.83												

ALBANY___2 23572	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.30 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 -0.01 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.11 0.00	18.20 0.11 0.00	18.40 0.11 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.15 0.00	15.87 0.17 0.00
ALBANY___3 23573	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.30 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 -0.01 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.11 0.00	18.20 0.11 0.00	18.40 0.11 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.15 0.00	15.87 0.17 0.00
ALBANY___4 23574	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.30 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 -0.01 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.11 0.00	18.20 0.11 0.00	18.40 0.11 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.15 0.00	15.87 0.17 0.00
ALBANY___LFGE 323615	20.63 0.22 0.00	20.75 0.23 0.00	18.84 0.24 0.00	19.10 0.24 0.00	19.46 0.18 0.00	18.90 0.19 0.00	17.40 0.21 0.00	18.69 0.17 0.00	18.48 0.19 0.00	19.49 0.19 0.00	20.50 0.21 0.00	21.98 0.24 0.00	19.51 0.22 0.00	17.87 0.26 0.00	18.37 0.28 0.00	18.57 0.29 0.00	18.63 0.27 0.00	19.43 0.29 0.00	17.41 0.27 0.00	16.51 0.27 0.00	16.38 0.26 0.00	17.12 0.30 0.00	15.67 0.28 0.00	15.99 0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.32 0.00	19.18 0.32 0.00	19.64 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.97 0.36 0.00	18.43 0.34 0.00	18.61 0.32 0.00	18.65 0.29 0.00	19.42 0.28 0.00	17.37 0.23 0.00	16.45 0.22 0.00	16.39 0.26 0.00	17.10 0.28 0.00	15.62 0.23 0.00	15.93 0.23 0.00
ALCOA_RYNLDS___DRP 24188	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.32 0.00	19.18 0.32 0.00	19.64 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.97 0.36 0.00	18.43 0.34 0.00	18.61 0.32 0.00	18.65 0.29 0.00	19.42 0.28 0.00	17.37 0.23 0.00	16.45 0.22 0.00	16.39 0.26 0.00	17.10 0.28 0.00	15.62 0.23 0.00	15.93 0.23 0.00
ALCOA___DSASP 323711	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.32 0.00	19.18 0.32 0.00	19.64 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.97 0.36 0.00	18.43 0.34 0.00	18.61 0.32 0.00	18.65 0.29 0.00	19.42 0.28 0.00	17.37 0.23 0.00	16.45 0.22 0.00	16.39 0.26 0.00	17.10 0.28 0.00	15.62 0.23 0.00	15.93 0.23 0.00
ALLEGHENY___COGEN 23514	20.26 -0.15 0.00	20.31 -0.22 0.00	18.33 -0.27 0.00	18.59 -0.27 0.00	19.21 -0.06 0.00	18.65 -0.05 0.00	17.22 0.04 0.00	18.57 0.05 0.00	18.36 0.07 0.00	19.22 -0.08 0.00	19.60 -0.69 0.00	20.88 -0.85 0.00	18.50 -0.79 0.00	16.85 -0.75 0.00	17.39 -0.70 0.00	17.77 -0.52 0.00	18.02 -0.34 0.00	18.84 -0.30 0.00	16.83 -0.31 0.00	15.90 -0.33 0.00	15.80 -0.33 0.00	16.30 -0.53 0.00	14.85 -0.54 0.00	15.14 -0.56 0.00
ALTAMONT_115KV_TB 2 55880	20.71 0.30 0.00	20.85 0.32 0.00	18.91 0.30 0.00	19.16 0.30 0.00	19.54 0.27 0.00	18.97 0.26 0.00	17.41 0.23 0.00	18.75 0.23 0.00	18.54 0.25 0.00	19.57 0.27 0.00	20.59 0.30 0.00	22.08 0.34 0.00	19.58 0.29 0.00	17.89 0.28 0.00	18.40 0.31 0.00	18.61 0.32 0.00	18.69 0.33 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.15 0.33 0.00	15.69 0.30 0.00	16.02 0.31 0.00
ALTONA_WT_PWR 323606	21.08 0.67 0.00	21.19 0.66 0.00	19.20 0.59 0.00	19.47 0.61 0.00	19.89 0.61 0.00	19.30 0.60 0.00	17.73 0.54 0.00	19.15 0.63 0.00	19.01 0.72 0.00	20.08 0.78 0.00	21.09 0.80 0.00	22.60 0.86 0.00	20.05 0.77 0.00	18.27 0.67 0.00	18.78 0.69 0.00	18.98 0.69 0.00	19.00 0.63 0.00	19.77 0.64 0.00	17.68 0.54 0.00	16.77 0.53 0.00	16.66 0.53 0.00	17.43 0.61 0.00	15.93 0.54 0.00	16.21 0.51 0.00
AMERICAN_REF_FUEL 24010	18.63 -1.78 0.00	18.74 -1.79 0.00	16.94 -1.67 0.00	17.19 -1.67 0.00	17.81 -1.47 0.00	17.27 -1.43 0.00	15.91 -1.28 0.00	17.07 -1.45 0.00	16.87 -1.42 0.00	17.71 -1.59 0.00	18.42 -1.87 0.00	19.74 -2.00 0.00	17.55 -1.75 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.48 -1.81 0.00	16.43 -1.93 0.00	17.16 -1.98 0.00	15.45 -1.70 0.00	14.65 -1.58 0.00	14.60 -1.53 0.00	15.02 -1.81 0.00	13.73 -1.66 0.00	14.16 -1.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.40 -1.01 0.00	19.61 -0.92 0.00	17.78 -0.82 0.00	17.97 -0.89 0.00	18.58 -0.70 0.00	17.98 -0.72 0.00	16.55 -0.64 0.00	17.78 -0.74 0.00	17.56 -0.73 0.00	18.55 -0.76 0.00	19.40 -0.89 0.00	20.89 -0.84 0.00	18.54 -0.75 0.00	16.84 -0.77 0.00	17.30 -0.79 0.00	17.39 -0.90 0.00	17.24 -1.12 0.00	17.88 -1.25 0.00	15.86 -1.29 0.00	14.87 -1.37 0.00	14.74 -1.39 0.00	15.25 -1.58 0.00	13.89 -1.50 0.00	14.31 -1.39 0.00
ARTHUR KILL_GT_1 23520	21.33 0.93 0.00	21.48 0.95 0.00	19.51 0.90 0.00	19.75 0.88 0.00	20.07 0.79 0.00	19.44 0.73 0.00	17.87 0.68 0.00	19.26 0.74 0.00	18.99 0.70 0.00	20.04 0.74 0.00	21.18 0.89 0.00	22.71 0.97 0.00	20.17 0.88 0.00	18.45 0.84 0.00	18.95 0.86 0.00	19.14 0.84 -0.01	22.89 0.84 -3.69	88.30 0.94 -68.22	81.13 0.88 -63.10	19.56 0.86 -2.47	16.99 0.85 -0.01	17.74 0.91 -0.01	16.23 0.84 0.00	16.54 0.84 0.00
ARTHUR_KILL_2 23512	21.28 0.87 0.00	21.42 0.89 0.00	19.46 0.86 0.00	19.70 0.84 0.00	20.01 0.74 0.00	19.39 0.68 0.00	17.82 0.63 0.00	19.21 0.70 0.00	18.94 0.65 0.00	19.99 0.69 0.00	21.13 0.84 0.00	22.65 0.91 0.00	20.12 0.84 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.09 0.80 -0.01	22.84 0.78 -3.69	88.24 0.89 -68.22	81.08 0.84 -63.10	19.52 0.81 -2.47	16.95 0.81 -0.01	17.69 0.86 -0.01	16.19 0.80 0.00	16.50 0.80 0.00
ARTHUR_KILL_3 23513	21.09 0.68 0.00	21.23 0.70 0.00	19.30 0.69 0.00	19.54 0.67 0.00	19.84 0.56 0.00	19.22 0.52 0.00	17.65 0.47 0.00	19.04 0.53 0.00	18.79 0.50 0.00	19.84 0.54 0.00	21.03 0.74 0.00	22.59 0.85 0.00	20.07 0.78 0.00	18.35 0.74 0.00	18.84 0.75 0.00	19.03 0.74 -0.01	22.81 0.76 -3.69	88.18 0.83 -68.22	80.99 0.75 -63.10	19.41 0.71 -2.47	16.84 0.70 -0.01	17.57 0.74 -0.01	16.08 0.69 0.00	16.39 0.69 0.00

ARTHUR_KILL_COGEN 323718	21.33 0.93 0.00	21.48 0.95 0.00	19.51 0.90 0.00	19.75 0.88 0.00	20.07 0.79 0.00	19.44 0.73 0.00	17.87 0.68 0.00	19.26 0.74 0.00	18.99 0.70 0.00	20.04 0.74 0.00	21.18 0.89 0.00	22.71 0.97 0.00	20.17 0.88 0.00	18.45 0.84 0.00	18.95 0.86 0.00	19.14 0.84 -0.01	22.89 0.84 -3.69	88.30 0.94 -68.22	81.13 0.88 -63.10	19.56 0.86 -2.47	16.99 0.85 -0.01	17.74 0.91 -0.01	16.23 0.84 0.00	16.54 0.84 0.00
ASHOKAN____ 23654	21.25 0.84 0.00	21.34 0.81 0.00	19.35 0.74 0.00	19.60 0.73 0.00	19.98 0.71 0.00	19.41 0.70 0.00	17.86 0.67 0.00	19.24 0.73 0.00	19.07 0.78 0.00	20.10 0.80 0.00	21.15 0.85 0.00	22.65 0.91 0.00	20.06 0.77 0.00	18.35 0.75 0.00	18.87 0.78 0.00	19.10 0.81 0.00	19.26 0.90 0.00	20.14 1.01 0.00	18.05 0.90 0.00	17.10 0.86 0.00	16.95 0.83 0.00	17.70 0.87 0.00	16.16 0.77 0.00	16.48 0.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.18 0.77 0.00	21.37 0.85 0.00	19.38 0.78 0.00	19.62 0.77 0.00	19.94 0.66 0.00	19.30 0.59 0.00	17.71 0.53 0.00	19.11 0.60 0.00	18.85 0.56 0.00	19.92 0.62 0.00	21.17 0.88 0.00	22.70 0.96 0.00	20.13 0.84 0.00	18.42 0.81 0.00	18.91 0.82 0.00	19.09 0.80 0.00	19.18 0.82 0.00	20.03 0.89 0.00	17.98 0.84 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.18 0.77 0.00	21.37 0.84 0.00	19.38 0.78 0.00	19.62 0.76 0.00	19.94 0.66 0.00	19.29 0.59 0.00	17.71 0.53 0.00	19.11 0.60 0.00	18.85 0.56 0.00	19.92 0.62 0.00	21.16 0.87 0.00	22.70 0.96 0.00	20.13 0.84 0.00	18.42 0.81 0.00	18.91 0.82 0.00	19.09 0.80 0.00	19.18 0.82 0.00	20.03 0.89 0.00	17.98 0.84 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_GT2_1 24094	21.18 0.77 0.00	21.38 0.85 0.00	19.39 0.79 0.00	19.63 0.77 0.00	19.95 0.67 0.00	19.30 0.60 0.00	17.72 0.54 0.00	19.12 0.60 0.00	18.86 0.57 0.00	19.93 0.63 0.00	21.17 0.88 0.00	22.71 0.97 0.00	20.14 0.85 0.00	18.43 0.82 0.00	18.92 0.83 0.00	19.09 0.80 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.85 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_GT2_2 24095	21.18 0.77 0.00	21.38 0.85 0.00	19.39 0.79 0.00	19.63 0.77 0.00	19.95 0.67 0.00	19.30 0.60 0.00	17.72 0.54 0.00	19.12 0.60 0.00	18.86 0.57 0.00	19.93 0.63 0.00	21.17 0.88 0.00	22.71 0.97 0.00	20.14 0.85 0.00	18.43 0.82 0.00	18.92 0.83 0.00	19.09 0.80 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.85 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_GT2_3 24096	21.18 0.77 0.00	21.38 0.85 0.00	19.39 0.79 0.00	19.63 0.77 0.00	19.95 0.67 0.00	19.30 0.60 0.00	17.72 0.54 0.00	19.12 0.60 0.00	18.86 0.57 0.00	19.93 0.63 0.00	21.17 0.88 0.00	22.71 0.97 0.00	20.14 0.85 0.00	18.43 0.82 0.00	18.92 0.83 0.00	19.09 0.80 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.85 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_GT2_4 24097	21.18 0.77 0.00	21.38 0.85 0.00	19.39 0.79 0.00	19.63 0.77 0.00	19.95 0.67 0.00	19.30 0.60 0.00	17.72 0.54 0.00	19.12 0.60 0.00	18.86 0.57 0.00	19.93 0.														

ASTORIA_GT4_4 24105	21.18 0.77 0.00	21.38 0.85 0.00	19.39 0.79 0.00	19.63 0.77 0.00	19.95 0.67 0.00	19.30 0.60 0.00	17.72 0.54 0.00	19.12 0.60 0.00	18.86 0.57 0.00	19.93 0.63 0.00	21.17 0.88 0.00	22.71 0.97 0.00	20.14 0.85 0.00	18.43 0.82 0.00	18.92 0.83 0.00	19.09 0.80 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.85 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.19 0.80 0.00	16.45 0.75 0.00
ASTORIA_GT_1 23523	21.22 0.81 0.00	21.41 0.88 0.00	19.42 0.81 0.00	19.66 0.79 0.00	19.97 0.70 0.00	19.33 0.63 0.00	17.74 0.56 0.00	19.15 0.63 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.20 0.91 0.00	22.74 1.01 0.00	20.17 0.88 0.00	18.46 0.85 0.00	18.95 0.86 0.00	19.13 0.84 0.00	19.22 0.86 0.00	20.07 0.93 0.00	18.02 0.88 0.00	17.06 0.83 0.00	16.94 0.81 0.00	17.69 0.86 0.00	16.21 0.83 0.00	16.48 0.78 0.00
ASTORIA_GT_10 24110	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.76 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.20 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.14 0.85 0.00	19.22 0.87 0.00	20.08 0.95 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
ASTORIA_GT_11 24225	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.76 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.20 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.14 0.85 0.00	19.22 0.87 0.00	20.08 0.95 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
ASTORIA_GT_12 24226	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.76 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.20 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.14 0.85 0.00	19.22 0.87 0.00	20.08 0.95 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
ASTORIA_GT_13 24227	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.76 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.20 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.14 0.85 0.00	19.22 0.87 0.00	20.08 0.95 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
ASTORIA_GT_5 24106	21.22 0.81 0.00	21.41 0.88 0.00	19.42 0.81 0.00	19.66 0.79 0.00	19.98 0.70 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.15 0.63 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.21 0.91 0.00	22.74 1.00 0.00	20.17 0.88 0.00	18.46 0.85 0.00	18.95 0.86 0.00	19.12 0.83 0.00	19.22 0.86 0.00	20.07 0.93 0.00	18.02 0.88 0.00	17.06 0.83 0.00	16.94 0.81 0.00	17.69 0.87 0.00	16.22 0.83 0.00	16.48 0.78 0.00
ASTORIA_GT_7 24107	21.22 0.81 0.00	21.41 0.88 0.00	19.42 0.81 0.00	19.66 0.79 0.00	19.98 0.70 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.15 0.63 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.21													

ATHENS_STG_1 23668	20.84 0.43 0.00	20.98 0.45 0.00	19.02 0.42 0.00	19.29 0.42 0.00	19.65 0.38 0.00	19.06 0.35 0.00	17.49 0.30 0.00	18.85 0.33 0.00	18.61 0.32 0.00	19.66 0.36 0.00	20.74 0.45 0.00	22.25 0.51 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.53 0.44 0.00	18.73 0.44 0.00	18.81 0.45 0.00	19.64 0.50 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.81 0.42 0.00	16.13 0.42 0.00
ATHENS_STG_2 23670	20.84 0.43 0.00	20.98 0.45 0.00	19.02 0.42 0.00	19.29 0.42 0.00	19.65 0.38 0.00	19.06 0.35 0.00	17.49 0.30 0.00	18.85 0.33 0.00	18.61 0.32 0.00	19.66 0.36 0.00	20.74 0.45 0.00	22.25 0.51 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.53 0.44 0.00	18.73 0.44 0.00	18.81 0.45 0.00	19.64 0.50 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.81 0.42 0.00	16.13 0.42 0.00
ATHENS_STG_3 23677	20.84 0.43 0.00	20.98 0.45 0.00	19.02 0.42 0.00	19.29 0.42 0.00	19.65 0.38 0.00	19.06 0.35 0.00	17.49 0.30 0.00	18.85 0.33 0.00	18.61 0.32 0.00	19.66 0.36 0.00	20.74 0.45 0.00	22.25 0.51 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.53 0.44 0.00	18.73 0.44 0.00	18.81 0.45 0.00	19.64 0.50 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.81 0.42 0.00	16.13 0.42 0.00
AUBURN___LFGE 323710	20.19 -0.22 0.00	20.30 -0.23 0.00	18.38 -0.23 0.00	18.63 -0.23 0.00	19.09 -0.18 0.00	18.54 -0.16 0.00	17.07 -0.11 0.00	18.40 -0.11 0.00	18.15 -0.13 0.00	19.14 -0.16 0.00	20.01 -0.28 0.00	21.41 -0.33 0.00	18.97 -0.32 0.00	17.30 -0.31 0.00	17.80 -0.29 0.00	18.04 -0.25 0.00	18.16 -0.21 0.00	18.94 -0.19 0.00	16.98 -0.16 0.00	16.06 -0.17 0.00	15.95 -0.18 0.00	16.58 -0.24 0.00	15.17 -0.22 0.00	15.47 -0.23 0.00
BABYLON_RES_REC 323704	21.63 1.22 0.00	21.73 1.20 0.00	19.78 1.18 0.00	20.05 1.18 0.00	20.38 1.10 0.00	19.64 0.94 0.00	18.06 0.87 0.00	19.42 0.91 0.00	19.22 0.93 0.00	20.27 0.97 0.00	21.60 1.31 0.00	23.20 1.46 0.00	20.60 1.31 0.00	19.11 1.21 -0.30	39.34 1.25 -20.00	19.43 1.14 0.00	19.63 1.27 0.00	20.49 1.35 0.00	18.37 1.22 0.00	17.75 1.21 -0.31	17.24 1.12 0.00	18.01 1.19 0.00	16.94 1.16 -0.39	16.83 1.13 0.00
BABYLON__69_KV_BK2 356345	21.86 1.45 0.00	21.96 1.43 0.00	19.98 1.38 0.00	20.24 1.37 0.00	20.58 1.30 0.00	19.83 1.12 0.00	18.23 1.05 0.00	19.60 1.08 0.00	19.42 1.13 0.00	20.49 1.19 0.00	21.83 1.54 0.00	23.44 1.71 0.00	20.82 1.52 0.00	19.30 1.40 -0.30	39.53 1.44 -20.00	19.63 1.34 0.00	19.85 1.49 0.00	20.72 1.59 0.00	18.55 1.41 0.00	17.95 1.41 -0.31	17.43 1.30 0.00	18.20 1.38 0.00	17.13 1.35 -0.39	17.01 1.31 0.00
BALL_HILL_WT_PWR 323825	19.31 -1.10 0.00	19.45 -1.08 0.00	17.58 -1.02 0.00	17.83 -1.03 0.00	18.44 -0.83 0.00	17.87 -0.84 0.00	16.46 -0.72 0.00	17.72 -0.80 0.00	17.48 -0.80 0.00	18.41 -0.90 0.00	19.20 -1.09 0.00	20.60 -1.14 0.00	18.26 -1.03 0.00	16.62 -0.99 0.00	17.04 -1.05 0.00	17.15 -1.14 0.00	17.09 -1.27 0.00	17.81 -1.33 0.00	15.95 -1.20 0.00	15.05 -1.19 0.00	14.96 -1.17 0.00	15.45 -1.38 0.00	14.11 -1.28 0.00	14.47 -1.23 0.00
BARON_WINDS___WT_PWR 323822	19.67 -0.73 0.00	19.74 -0.78 0.00	17.81 -0.80 0.00	18.09 -0.77 0.00	18.69 -0.58 0.00	18.10 -0.60 0.00	16.68 -0.51 0.00	17.95 -0.57 0.00	17.70 -0.58 0.00	18.66 -0.64 0.00	19.50 -0.80 0.00	20.90 -0.84 0.00	18.50 -0.79 0.00	16.83 -0.77 0.00	17.30 -0.79 0.00	17.46 -0.83 0.00	17.44 -0.92 0.00	18.09 -1.05 0.00	16.12 -1.02 0.00	15.20 -1.03 0.00	15.04 -1.09 0.00	15.56 -1.26 0.00	14.21 -1.18 0.00	14.51 -1.19 0.00
BARRETT_IC_1 23704	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_10 23701	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_11 23702	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_12 23703	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_2 23705	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_3 23706	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_4 23707	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00

BARRETT_IC_5 23708	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_6 23709	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_7 23710	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.13 0.62 0.00	18.92 0.63 0.00	19.97 0.67 0.00	21.28 0.99 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.15 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.94 0.00	17.47 0.93 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.66 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_8 23711	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT_IC_9 23700	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT___1 23545	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 0.00	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BARRETT___2 23546	21.29 0.89 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.77 0.91 0.00	20.08 0.80 0.00	19.38 0.67 0.00	17.78 0.60 0.00	19.14 0.63 0.00	18.92 0.64 0.00	19.97 0.67 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.86 0.96 -0.30	39.05 0.96 -20.00	19.16 0.86 0.00	19.30 0.94 0.00	20.14 1.00 0.00	18.08 0.93 0.00	17.47 0.92 -0.31	16.99 0.86 0.00	17.74 0.91 0.00	16.65 0.87 -0.39	16.56 0.86 0.00
BATAVIA___115KV_TB1 55881	19.46 -0.95 0.00	19.53 -0.99 0.00	17.65 -0.95 0.00	17.91 -0.95 0.00	18.52 -0.76 0.00	17.98 -0.73 0.00	16.59 -0.59 0.00	17.89 -0.62 0.00	17															

BAYONEEC___CTG7 323688	21.17 0.76 0.00	21.31 0.78 0.00	19.37 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.11 0.60 0.00	18.86 0.57 0.00	19.92 0.62 0.00	21.11 0.82 0.00	22.67 0.94 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.80 0.00	19.18 0.82 0.00	20.03 0.90 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.44 0.74 0.00
BAYONEEC___CTG8 323689	21.17 0.76 0.00	21.31 0.78 0.00	19.37 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.11 0.60 0.00	18.86 0.57 0.00	19.92 0.62 0.00	21.11 0.82 0.00	22.67 0.94 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.80 0.00	19.18 0.82 0.00	20.03 0.90 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.44 0.74 0.00
BAYONEEC___CTG9 323749	21.17 0.76 0.00	21.31 0.78 0.00	19.37 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.11 0.60 0.00	18.86 0.57 0.00	19.92 0.62 0.00	21.11 0.82 0.00	22.67 0.94 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.80 0.00	19.18 0.82 0.00	20.03 0.90 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.44 0.74 0.00
BEACON___LESR 323632	20.77 0.36 0.00	20.86 0.33 0.00	18.93 0.33 0.00	19.19 0.33 0.00	19.56 0.28 0.00	19.02 0.31 0.00	17.51 0.32 0.00	18.86 0.35 0.00	18.65 0.36 0.00	19.67 0.37 0.00	20.63 0.34 0.00	22.14 0.40 0.00	19.64 0.36 0.00	17.98 0.38 0.00	18.49 0.40 0.00	18.70 0.41 0.00	18.77 0.41 0.00	19.57 0.43 0.00	17.56 0.42 0.00	16.65 0.42 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.79 0.40 0.00	16.10 0.40 0.00
BEAVER RIVER___HYD 24048	20.39 -0.02 0.00	20.48 -0.04 0.00	18.52 -0.09 0.00	18.69 -0.18 0.00	19.17 -0.11 0.00	18.62 -0.09 0.00	17.13 -0.05 0.00	18.51 -0.01 0.00	18.29 0.00 0.00	19.23 -0.07 0.00	20.21 -0.08 0.00	21.65 -0.09 0.00	19.17 -0.12 0.00	17.29 -0.31 0.00	17.80 -0.29 0.00	17.99 -0.30 0.00	18.15 -0.22 0.00	18.94 -0.20 0.00	16.73 -0.41 0.00	15.75 -0.48 0.00	15.80 -0.33 0.00	16.45 -0.37 0.00	15.09 -0.30 0.00	15.28 -0.43 0.00
BEEBEE_GT_13 23619	19.52 -0.89 0.00	19.62 -0.91 0.00	17.75 -0.86 0.00	18.00 -0.87 0.00	18.54 -0.74 0.00	17.99 -0.71 0.00	16.59 -0.59 0.00	17.90 -0.62 0.00	17.65 -0.64 0.00	18.55 -0.75 0.00	19.34 -0.95 0.00	20.69 -1.05 0.00	18.36 -0.93 0.00	16.75 -0.85 0.00	17.19 -0.90 0.00	17.38 -0.91 0.00	17.42 -0.94 0.00	18.20 -0.94 0.00	16.36 -0.79 0.00	15.50 -0.73 0.00	15.42 -0.71 0.00	15.95 -0.87 0.00	14.57 -0.82 0.00	14.90 -0.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.47 1.06 0.00	21.61 1.09 0.00	19.63 1.02 0.00	19.87 1.00 0.00	20.19 0.91 0.00	19.56 0.85 0.00	17.97 0.79 0.00	19.38 0.86 0.00	19.12 0.83 0.00	20.20 0.90 0.00	21.39 1.10 0.00	22.96 1.22 0.00	20.40 1.11 0.00	18.65 1.04 0.00	19.15 1.06 0.00	19.33 1.04 0.00	23.10 1.05 0.00	88.51 1.15 -68.22	81.29 1.05 -63.10	19.70 1.00 -2.47	17.13 0.98 -0.01	17.87 1.04 -0.01	16.35 0.96 0.00	16.65 0.95 0.00
BETHLEHEM___GRP 23843	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.30 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 -0.01 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.11 0.00	18.20 0.11 0.00	18.40 0.11 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.15 0.00	15.87 0.17 0.00
BETHLEHEM___GS1 323560	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.29 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 0.00 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.10 0.00	18.20 0.11 0.00	18.41 0.11 0.00	18.46 0.10 0.00	19.24 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.14 0.00	15.87 0.17 0.00
BETHLEHEM___GS2 323561	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.29 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 0.00 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.10 0.00	18.20 0.11 0.00	18.41 0.11 0.00	18.46 0.10 0.00	19.24 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.14 0.00	15.87 0.17 0.00
BETHLEHEM___GS3 323562	20.44 0.03 0.00	20.56 0.03 0.00	18.68 0.07 0.00	18.93 0.07 0.00	19.29 0.02 0.00	18.73 0.03 0.00	17.25 0.07 0.00	18.51 0.00 0.00	18.31 0.02 0.00	19.31 0.01 0.00	20.30 0.00 0.00	21.76 0.03 0.00	19.34 0.05 0.00	17.71 0.10 0.00	18.20 0.11 0.00	18.41 0.11 0.00	18.46 0.10 0.00	19.24 0.11 0.00	17.24 0.10 0.00	16.35 0.11 0.00	16.23 0.10 0.00	16.97 0.15 0.00	15.53 0.14 0.00	15.87 0.17 0.00
BETHLEHEM___STEEL 23779	19.34 -1.07 0.00	19.45 -1.08 0.00	17.57 -1.03 0.00	17.83 -1.04 0.00	18.45 -0.83 0.00	17.89 -0.82 0.00	16.50 -0.69 0.00	17.78 -0.73 0.00	17.51 -0.78 0.00	18.41 -0.89 0.00	19.17 -1.12 0.00	20.55 -1.19 0.00	18.23 -1.06 0.00	16.61 -1.00 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.10 -1.26 0.00	17.84 -1.30 0.00	16.02 -1.12 0.00	15.17 -1.07 0.00	15.09 -1.03 0.00	15.56 -1.27 0.00	14.21 -1.18 0.00	14.57 -1.13 0.00
BETHLHEM_115KV_TB1 79974	20.50 0.09 0.00	20.62 0.09 0.00	18.73 0.12 0.00	18.98 0.12 0.00	19.35 0.07 0.00	18.78 0.08 0.00	17.28 0.10 0.00	18.55 0.04 0.00	18.35 0.06 0.00	19.36 0.06 0.00	20.36 0.06 0.00	21.83 0.09 0.00	19.38 0.09 0.00	17.74 0.14 0.00	18.24 0.15 0.00	18.45 0.16 0.00	18.50 0.15 0.00	19.30 0.16 0.00	17.29 0.15 0.00	16.39 0.16 0.00	16.27 0.14 0.00	17.01 0.19 0.00	15.57 0.18 0.00	15.91 0.21 0.00
BETHPAGE_CC_5 323564	21.53 1.12 0.00	21.65 1.12 0.00	19.70 1.09 0.00	19.96 1.10 0.00	20.29 1.02 0.00	19.57 0.86 0.00	17.99 0.81 0.00	19.36 0.84 0.00	19.15 0.86 0.00	20.21 0.90 0.00	21.52 1.22 0.00	23.11 1.37 0.00	20.52 1.23 0.00	19.06 1.16 -0.30	39.28 1.19 -20.00	19.38 1.09 0.00	19.55 1.20 0.00	20.41 1.27 0.00	18.29 1.15 0.00	17.69 1.14 -0.31	17.19 1.06 0.00	17.95 1.13 0.00	16.87 1.09 -0.39	16.77 1.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.45 -0.96 0.00	19.56 -0.97 0.00	17.68 -0.93 0.00	17.93 -0.94 0.00	18.55 -0.73 0.00	17.99 -0.72 0.00	16.59 -0.59 0.00	17.89 -0.63 0.00	17.62 -0.67 0.00	18.52 -0.78 0.00	19.29 -1.00 0.00	20.68 -1.06 0.00	18.33 -0.96 0.00	16.70 -0.90 0.00	17.12 -0.98 0.00	17.25 -1.04 0.00	17.20 -1.16 0.00	17.95 -1.19 0.00	16.13 -1.02 0.00	15.26 -0.98 0.00	15.18 -0.95 0.00	15.64 -1.18 0.00	14.29 -1.09 0.00	14.65 -1.05 0.00

BINGHAMTON___COGEN 23790	20.22 -0.19 0.00	20.34 -0.19 0.00	18.41 -0.20 0.00	18.67 -0.19 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.06 -0.12 0.00	18.42 -0.10 0.00	18.17 -0.12 0.00	19.16 -0.14 0.00	20.09 -0.20 0.00	21.52 -0.22 0.00	19.06 -0.23 0.00	17.37 -0.24 0.00	17.86 -0.23 0.00	18.06 -0.23 0.00	18.15 -0.22 0.00	18.93 -0.20 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.91 -0.21 0.00	16.57 -0.26 0.00	15.16 -0.23 0.00	15.47 -0.23 0.00
BIXINCNT_115KV_LOAD 355685	19.81 -0.60 0.00	19.92 -0.61 0.00	17.98 -0.63 0.00	18.27 -0.59 0.00	18.91 -0.37 0.00	18.33 -0.38 0.00	16.90 -0.29 0.00	18.19 -0.33 0.00	17.93 -0.36 0.00	18.85 -0.45 0.00	19.67 -0.62 0.00	21.08 -0.66 0.00	18.65 -0.64 0.00	16.97 -0.64 0.00	17.36 -0.73 0.00	17.48 -0.80 0.00	17.40 -0.96 0.00	18.13 -1.01 0.00	16.22 -0.92 0.00	15.27 -0.96 0.00	15.13 -1.00 0.00	15.61 -1.21 0.00	14.30 -1.09 0.00	14.59 -1.10 0.00
BLACK RIVER___HYD 24047	20.26 -0.15 0.00	20.35 -0.18 0.00	18.39 -0.21 0.00	18.53 -0.33 0.00	19.03 -0.24 0.00	18.49 -0.21 0.00	17.02 -0.16 0.00	18.39 -0.12 0.00	18.19 -0.10 0.00	19.10 -0.20 0.00	20.06 -0.23 0.00	21.51 -0.23 0.00	19.04 -0.25 0.00	17.12 -0.48 0.00	17.61 -0.48 0.00	17.83 -0.46 0.00	18.07 -0.29 0.00	18.88 -0.26 0.00	16.65 -0.50 0.00	15.71 -0.52 0.00	15.75 -0.38 0.00	16.39 -0.44 0.00	15.00 -0.39 0.00	15.14 -0.57 0.00
BLACKRVR_115KV_TB2 79977	20.26 -0.15 0.00	20.35 -0.17 0.00	18.39 -0.21 0.00	18.53 -0.33 0.00	19.03 -0.24 0.00	18.49 -0.21 0.00	17.02 -0.16 0.00	18.40 -0.12 0.00	18.19 -0.10 0.00	19.10 -0.20 0.00	20.06 -0.23 0.00	21.51 -0.23 0.00	19.04 -0.25 0.00	17.12 -0.48 0.00	17.61 -0.48 0.00	17.83 -0.46 0.00	18.07 -0.28 0.00	18.87 -0.26 0.00	16.65 -0.50 0.00	15.71 -0.52 0.00	15.74 -0.38 0.00	16.39 -0.44 0.00	15.00 -0.39 0.00	15.14 -0.57 0.00
BLISS_WT_PWR 323608	19.81 -0.60 0.00	19.92 -0.61 0.00	17.99 -0.62 0.00	18.28 -0.59 0.00	18.93 -0.34 0.00	18.35 -0.36 0.00	16.91 -0.27 0.00	18.14 -0.38 0.00	17.92 -0.37 0.00	18.85 -0.45 0.00	19.68 -0.61 0.00	21.10 -0.64 0.00	18.67 -0.62 0.00	16.98 -0.63 0.00	17.36 -0.73 0.00	17.47 -0.82 0.00	17.39 -0.97 0.00	18.11 -1.03 0.00	16.17 -0.97 0.00	15.21 -1.02 0.00	15.04 -1.09 0.00	15.51 -1.31 0.00	14.21 -1.17 0.00	14.50 -1.20 0.00
BLUESTONE___WT_PWR 323821	21.28 0.87 0.00	21.42 0.89 0.00	19.38 0.78 0.00	19.65 0.79 0.00	20.09 0.81 0.00	19.43 0.73 0.00	17.74 0.55 0.00	18.98 0.46 0.00	18.67 0.38 0.00	19.61 0.30 0.00	20.57 0.28 0.00	22.06 0.33 0.00	19.70 0.41 0.00	18.03 0.43 0.00	18.49 0.40 0.00	18.69 0.40 0.00	18.83 0.47 0.00	19.39 0.25 0.00	17.12 -0.02 0.00	16.19 -0.05 0.00	15.94 -0.18 0.00	16.62 -0.21 0.00	15.21 -0.18 0.00	15.43 -0.27 0.00
BLUE_CIRC_CHEM_DRP 24182	20.76 0.35 0.00	20.89 0.36 0.00	18.95 0.35 0.00	19.22 0.36 0.00	19.60 0.32 0.00	19.03 0.32 0.00	17.48 0.30 0.00	18.80 0.28 0.00	18.59 0.30 0.00	19.62 0.31 0.00	20.60 0.31 0.00	22.08 0.35 0.00	19.58 0.29 0.00	17.91 0.31 0.00	18.43 0.33 0.00	18.65 0.36 0.00	18.71 0.35 0.00	19.51 0.37 0.00	17.47 0.33 0.00	16.55 0.32 0.00	16.42 0.30 0.00	17.17 0.35 0.00	15.71 0.32 0.00	16.07 0.36 0.00
BOC_GAS_DRP 24189	20.64 0.23 0.00	20.78 0.25 0.00	18.84 0.24 0.00	19.10 0.24 0.00	19.48 0.20 0.00	18.90 0.19 0.00	17.36 0.17 0.00	18.67 0.16 0.00	18.46 0.17 0.00	19.49 0.18 0.00	20.51 0.22 0.00	22.00 0.26 0.00	19.52 0.23 0.00	17.84 0.24 0.00	18.34 0.25 0.00	18.55 0.26 0.00	18.62 0.26 0.00	19.42 0.28 0.00	17.40 0.25 0.00	16.48 0.25 0.00	16.36 0.23 0.00	17.09 0.27 0.00	15.64 0.25 0.00	15.97 0.27 0.00
BOONVILLE_115KV_TB1 79983	20.72 0.31 0.00	20.82 0.29 0.00	18.85 0.24 0.00	19.06 0.20 0.00	19.52 0.24 0.00	18.95 0.25 0.00	17.44 0.25 0.00	18.82 0.30 0.00	18.59 0.30 0.00	19.60 0.30 0.00	20.60 0.31 0.00	22.06 0.32 0.00	19.47 0.18 0.00	17.67 0.07 0.00	18.20 0.11 0.00	18.44 0.15 0.00	18.57 0.20 0.00	19.36 0.22 0.00	17.22 0.08 0.00	16.25 0.01 0.00	16.21 0.08 0.00	16.88 0.06 0.00	15.46 0.08 0.00	15.71 0.01 0.00
BORALEX_4TH_BRANCH 23824	21.08 0.67 0.00	21.30 0.77 0.00	19.26 0.66 0.00	19.54 0.67 0.00	19.90 0.62 0.00	19.36 0.66 0.00	17.67 0.49 0.00	19.05 0.53 0.00	18.88 0.59 0.00	19.96 0.66 0.00	20.98 0.69 0.00	22.50 0.76 0.00	19.92 0.63 0.00	18.19 0.58 0.00	18.73 0.64 0.00	18.98 0.69 0.00	18.99 0.63 0.00	19.81 0.68 0.00	17.73 0.59 0.00	16.81 0.58 0.00	16.64 0.51 0.00	17.44 0.61 0.00	15.94 0.55 0.00	16.21 0.51 0.00
BOWLINE___1 23526	20.99 0.58 0.00	21.12 0.59 0.00	19.17 0.56 0.00	19.43 0.57 0.00	19.78 0.50 0.00	19.17 0.47 0.00	17.59 0.41 0.00	18.97 0.46 0.00	18.72 0.43 0.00	19.79 0.49 0.00	20.94 0.65 0.00	22.49 0.76 0.00	19.98 0.69 0.00	18.23 0.63 0.00	18.73 0.64 0.00	18.92 0.63 0.00	19.02 0.66 0.00	19.87 0.74 0.00	17.83 0.69 0.00	16.89 0.66 0.00	16.75 0.63 0.00	17.50 0.67 0.00	16.00 0.62 0.00	16.30 0.60 0.00
BOWLINE___2 23595	20.99 0.58 0.00	21.12 0.59 0.00	19.17 0.56 0.00	19.44 0.57 0.00	19.78 0.50 0.00	19.17 0.47 0.00	17.59 0.41 0.00	18.97 0.46 0.00	18.72 0.43 0.00	19.79 0.49 0.00	20.94 0.65 0.00	22.49 0.76 0.00	19.98 0.69 0.00	18.23 0.63 0.00	18.73 0.64 0.00	18.92 0.63 0.00	19.02 0.66 0.00	19.87 0.74 0.00	17.83 0.69 0.00	16.89 0.66 0.00	16.75 0.63 0.00	17.50 0.67 0.00	16.00 0.62 0.00	16.30 0.60 0.00
BRADY___115KV_TB2 356060	20.87 0.46 0.00	20.98 0.45 0.00	19.00 0.40 0.00	19.27 0.40 0.00	19.73 0.45 0.00	19.15 0.45 0.00	17.61 0.42 0.00	19.01 0.49 0.00	18.80 0.51 0.00	19.84 0.54 0.00	20.84 0.55 0.00	22.29 0.55 0.00	19.80 0.51 0.00	18.07 0.46 0.00	18.54 0.45 0.00	18.72 0.43 0.00	18.78 0.42 0.00	19.55 0.42 0.00	17.48 0.34 0.00	16.55 0.32 0.00	16.49 0.36 0.00	17.19 0.37 0.00	15.70 0.31 0.00	15.98 0.29 0.00
BRANSCOMB___SOLAR 323811	21.11 0.70 0.00	21.24 0.71 0.00	19.22 0.61 0.00	19.49 0.63 0.00	19.88 0.60 0.00	19.33 0.63 0.00	17.72 0.53 0.00	19.12 0.61 0.00	18.95 0.66 0.00	20.03 0.73 0.00	21.04 0.75 0.00	22.56 0.82 0.00	19.96 0.67 0.00	18.21 0.61 0.00	18.77 0.68 0.00	19.02 0.73 0.00	19.11 0.74 0.00	19.91 0.78 0.00	17.83 0.69 0.00	16.87 0.64 0.00	16.73 0.60 0.00	17.50 0.67 0.00	15.99 0.60 0.00	16.25 0.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.77 1.36 0.00	21.89 1.36 0.00	19.93 1.33 0.00	20.19 1.33 0.00	20.52 1.25 0.00	19.77 1.07 0.00	18.17 0.99 0.00	19.52 1.00 0.00	19.33 1.04 0.00	20.39 1.08 0.00	21.74 1.45 0.00	23.34 1.60 0.00	20.73 1.44 0.00	19.22 1.32 -0.30	39.44 1.35 -20.00	19.53 1.24 0.00	19.74 1.39 0.00	20.60 1.46 0.00	18.45 1.31 0.00	17.85 1.31 -0.31	17.33 1.20 0.00	18.11 1.28 0.00	17.05 1.27 -0.39	16.94 1.25 0.00

BRISTLHL_115KV_TB1 79998	19.85 -0.56 0.00	19.95 -0.57 0.00	18.08 -0.52 0.00	18.32 -0.54 0.00	18.76 -0.52 0.00	18.21 -0.49 0.00	16.75 -0.43 0.00	18.05 -0.47 0.00	17.81 -0.48 0.00	18.78 -0.52 0.00	19.70 -0.59 0.00	21.06 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.56 0.00	17.53 -0.56 0.00	17.75 -0.54 0.00	17.84 -0.52 0.00	18.62 -0.52 0.00	16.68 -0.47 0.00	15.79 -0.44 0.00	15.68 -0.45 0.00	16.32 -0.50 0.00	14.94 -0.45 0.00	15.23 -0.47 0.00
BROOKHAVEN___DRP 24191	21.79 1.38 0.00	21.89 1.37 0.00	19.94 1.34 0.00	20.19 1.34 0.00	20.54 1.26 0.00	19.79 1.09 0.00	18.19 1.01 0.00	19.46 0.95 0.00	19.38 1.09 0.00	20.45 1.14 0.00	21.76 1.47 0.00	23.30 1.57 0.00	20.72 1.43 0.00	19.21 1.31 -0.30	39.45 1.36 -20.00	19.55 1.27 0.00	19.74 1.38 0.00	20.59 1.45 0.00	18.41 1.27 0.00	17.85 1.30 -0.31	17.23 1.10 0.00	18.00 1.18 0.00	17.06 1.28 -0.39	16.92 1.22 0.00
BROOKLYN_NAVY_YARD 23515	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.95 0.67 0.00	19.33 0.63 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.87 0.58 0.00	19.93 0.63 0.00	21.13 0.84 0.00	22.70 0.96 0.00	20.15 0.86 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.09 0.81 0.00	19.19 0.83 0.00	20.05 0.91 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.89 0.77 0.00	17.63 0.81 0.00	16.14 0.75 0.00	16.46 0.76 0.00
BROOKLYN___ARMY_DRP 323595	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
BROOKVLE_69_KV_TB1 55790	21.53 1.12 0.00	21.66 1.13 0.00	19.68 1.08 0.00	19.95 1.09 0.00	20.29 1.01 0.00	19.59 0.88 0.00	18.01 0.82 0.00	19.39 0.87 0.00	19.18 0.89 0.00	20.23 0.93 0.00	21.53 1.23 0.00	23.11 1.38 0.00	20.53 1.24 0.00	19.08 1.18 -0.30	39.30 1.21 -20.00	19.42 1.13 0.00	19.57 1.21 0.00	20.43 1.29 0.00	18.32 1.18 0.00	17.71 1.16 -0.31	17.22 1.09 0.00	17.97 1.15 0.00	16.87 1.09 -0.39	16.77 1.07 0.00
BROOME_2_LFGE 323671	20.22 -0.19 0.00	20.34 -0.19 0.00	18.41 -0.20 0.00	18.67 -0.19 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.06 -0.12 0.00	18.41 -0.10 0.00	18.17 -0.12 0.00	19.16 -0.15 0.00	20.10 -0.19 0.00	21.52 -0.22 0.00	19.06 -0.23 0.00	17.37 -0.24 0.00	17.86 -0.24 0.00	18.05 -0.23 0.00	18.15 -0.21 0.00	18.94 -0.20 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.91 -0.21 0.00	16.57 -0.26 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
BROOME___LFGE 323600	20.22 -0.19 0.00	20.34 -0.19 0.00	18.41 -0.20 0.00	18.67 -0.19 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.06 -0.12 0.00	18.41 -0.10 0.00	18.17 -0.12 0.00	19.16 -0.15 0.00	20.10 -0.19 0.00	21.52 -0.22 0.00	19.06 -0.23 0.00	17.37 -0.24 0.00	17.86 -0.24 0.00	18.05 -0.23 0.00	18.15 -0.21 0.00	18.94 -0.20 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.91 -0.21 0.00	16.57 -0.26 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.58 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.20 0.00	19.10 -0.19 0.00	17.30 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00
BROWNSV1_27_KV_LOAD 356125	21.37 0.96 0.00	21.51 0.98 0.00	19.54 0.93 0.00	19.78 0.92 0.00	20.10 0.83 0.00	19.46 0.76 0.00	17.88 0.70 0.00	19.29 0.77 0.00	19.04 0.75 0.00	20.12 0.82 0.00	21.33 1.04 0.00	22.91 1.17 0.00	20.35 1.05 0.00	18.59 0.98 0.00	19.09 1.00 0.00	19.27 0.98 0.00	19.38 1.02 0.00	20.25 1.11 0.00	18.13 0.99 0.00	17.17 0.94 0.00	17.05 0.92 0.00	17.79 0.97 0.00	16.29 0.90 0.00	16.59 0.89 0.00
BURROWS___LYONSDAL 23803	20.65 0.24 0.00	20.75 0.23 0.00	18.78 0.17 0.00	18.98 0.11 0.00	19.44 0.16 0.00	18.88 0.17 0.00	17.37 0.19 0.00	18.75 0.24 0.00	18.53 0.24 0.00	19.52 0.22 0.00	20.51 0.22 0.00	21.97 0.23 0.00	19.41 0.12 0.00	17.59 -0.02 0.00	18.11 0.02 0.00	18.32 0.04 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.08 -0.06 0.00	16.09 -0.14 0.00	16.09 -0.03 0.00	16.76 -0.06 0.00	15.37 -0.02 0.00	15.60 -0.10 0.00
CAITHNESS_CC_1 323624	21.73 1.32 0.00	21.83 1.30 0.00	19.89 1.29 0.00	20.15 1.29 0.00	20.49 1.21 0.00	19.74 1.03 0.00	18.14 0.96 0.00	19.44 0.92 0.00	19.32 1.03 0.00	20.38 1.08 0.00	21.71 1.42 0.00	23.25 1.52 0.00	20.68 1.39 0.00	19.17 1.28 -0.30	39.41 1.32 -20.00	19.51 1.22 0.00	19.69 1.33 0.00	20.53 1.40 0.00	18.37 1.23 0.00	17.80 1.26 -0.31	17.21 1.08 0.00	17.99 1.17 0.00	17.02 1.24 -0.39	16.89 1.19 0.00
CALPINE BETH_PAGE_GT4 24209	21.47 1.06 0.00	21.59 1.06 0.00	19.64 1.03 0.00	19.90 1.05 0.00	20.24 0.96 0.00	19.52 0.82 0.00	17.94 0.76 0.00	19.31 0.80 0.00	19.10 0.81 0.00	20.15 0.85 0.00	21.45 1.17 0.00	23.05 1.31 0.00	20.47 1.18 0.00	19.01 1.11 -0.30	39.23 1.14 -20.00	19.34 1.04 0.00	19.50 1.14 0.00	20.36 1.22 0.00	18.25 1.11 0.00	17.64 1.10 -0.31	17.15 1.02 0.00	17.91 1.09 0.00	16.83 1.05 -0.39	16.72 1.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.47 1.06 0.00	21.59 1.06 0.00	19.64 1.03 0.00	19.90 1.05 0.00	20.24 0.96 0.00	19.52 0.82 0.00	17.94 0.76 0.00	19.31 0.80 0.00	19.10 0.81 0.00	20.15 0.85 0.00	21.46 1.17 0.00	23.05 1.31 0.00	20.47 1.18 0.00	19.01 1.11 -0.30	39.23 1.14 -20.00	19.34 1.05 0.00	19.50 1.14 0.00	20.36 1.22 0.00	18.25 1.11 0.00	17.64 1.10 -0.31	17.15 1.02 0.00	17.91 1.09 0.00	16.82 1.05 -0.39	16.72 1.02 0.00
CALPINE_BP_GT1 23823	21.47 1.06 0.00	21.59 1.06 0.00	19.64 1.03 0.00	19.90 1.05 0.00	20.24 0.96 0.00	19.52 0.82 0.00	17.94 0.76 0.00	19.31 0.80 0.00	19.10 0.81 0.00	20.15 0.85 0.00	21.46 1.17 0.00	23.05 1.31 0.00	20.47 1.18 0.00	19.01 1.11 -0.30	39.23 1.14 -20.00	19.34 1.05 0.00	19.50 1.14 0.00	20.36 1.22 0.00	18.25 1.11 0.00	17.64 1.10 -0.31	17.15 1.02 0.00	17.91 1.09 0.00	16.82 1.05 -0.39	16.72 1.02 0.00
CALSPAN___DRP 24200	19.34 -1.07 0.00	19.45 -1.08 0.00	17.57 -1.03 0.00	17.83 -1.04 0.00	18.45 -0.83 0.00	17.89 -0.82 0.00	16.50 -0.69 0.00	17.78 -0.73 0.00	17.51 -0.78 0.00	18.41 -0.89 0.00	19.17 -1.12 0.00	20.55 -1.19 0.00	18.23 -1.06 0.00	16.61 -1.00 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.10 -1.26 0.00	17.84 -1.30 0.00	16.02 -1.12 0.00	15.17 -1.07 0.00	15.09 -1.03 0.00	15.56 -1.27 0.00	14.21 -1.18 0.00	14.57 -1.13 0.00

CALVERTON___SOLAR 323806	21.86 1.45 0.00	21.95 1.42 0.00	20.00 1.40 0.00	20.25 1.39 0.00	20.60 1.32 0.00	19.85 1.14 0.00	18.25 1.06 0.00	19.52 1.00 0.00	19.45 1.16 0.00	20.51 1.21 0.00	21.83 1.54 0.00	23.37 1.63 0.00	20.78 1.49 0.00	19.26 1.36 -0.30	39.50 1.41 -20.00	19.61 1.32 0.00	19.80 1.44 0.00	20.66 1.52 0.00	18.47 1.32 0.00	17.90 1.35 -0.31	17.26 1.13 0.00	18.04 1.22 0.00	17.11 1.33 -0.39	16.97 1.26 0.00
CANDIGU_WT_PWR 323617	19.67 -0.73 0.00	19.74 -0.78 0.00	17.81 -0.80 0.00	18.09 -0.77 0.00	18.69 -0.58 0.00	18.10 -0.60 0.00	16.68 -0.51 0.00	17.95 -0.57 0.00	17.70 -0.58 0.00	18.66 -0.64 0.00	19.50 -0.80 0.00	20.90 -0.84 0.00	18.50 -0.79 0.00	16.83 -0.77 0.00	17.30 -0.79 0.00	17.46 -0.83 0.00	17.44 -0.92 0.00	18.09 -1.05 0.00	16.12 -1.02 0.00	15.20 -1.03 0.00	15.04 -1.09 0.00	15.56 -1.26 0.00	14.21 -1.18 0.00	14.51 -1.19 0.00
CARR STREET_E_SYR 24060	20.02 -0.39 0.00	20.13 -0.39 0.00	18.24 -0.37 0.00	18.49 -0.37 0.00	18.93 -0.35 0.00	18.37 -0.33 0.00	16.90 -0.28 0.00	18.21 -0.31 0.00	17.97 -0.32 0.00	18.95 -0.36 0.00	19.87 -0.42 0.00	21.25 -0.49 0.00	18.85 -0.44 0.00	17.21 -0.40 0.00	17.69 -0.40 0.00	17.90 -0.39 0.00	18.00 -0.36 0.00	18.78 -0.36 0.00	16.82 -0.32 0.00	15.92 -0.31 0.00	15.81 -0.32 0.00	16.46 -0.37 0.00	15.06 -0.32 0.00	15.37 -0.33 0.00
CARTHAGE___PAPER 23857	20.49 0.07 0.00	20.57 0.04 0.00	18.59 -0.01 0.00	18.75 -0.12 0.00	19.24 -0.04 0.00	18.70 -0.01 0.00	17.21 0.03 0.00	18.60 0.08 0.00	18.39 0.10 0.00	19.33 0.03 0.00	20.31 0.02 0.00	21.75 0.02 0.00	19.26 -0.03 0.00	17.32 -0.28 0.00	17.83 -0.26 0.00	18.05 -0.24 0.00	18.26 -0.10 0.00	19.06 -0.07 0.00	16.83 -0.32 0.00	15.86 -0.37 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.16 -0.22 0.00	15.32 -0.38 0.00
CASSADAGA_WT_PWR 323784	19.61 -0.80 0.00	19.81 -0.72 0.00	17.97 -0.64 0.00	18.18 -0.69 0.00	18.76 -0.51 0.00	18.17 -0.53 0.00	16.74 -0.44 0.00	17.96 -0.55 0.00	17.75 -0.53 0.00	18.76 -0.55 0.00	19.60 -0.69 0.00	21.11 -0.63 0.00	18.72 -0.57 0.00	17.01 -0.60 0.00	17.46 -0.63 0.00	17.56 -0.73 0.00	17.39 -0.97 0.00	18.02 -1.11 0.00	15.99 -1.16 0.00	14.95 -1.28 0.00	14.82 -1.31 0.00	15.35 -1.47 0.00	14.00 -1.39 0.00	14.47 -1.23 0.00
CE_DUNWOOD___DRP 24194	21.10 0.69 0.00	21.23 0.70 0.00	19.28 0.67 0.00	19.54 0.67 0.00	19.88 0.60 0.00	19.27 0.56 0.00	17.68 0.50 0.00	19.06 0.54 0.00	18.82 0.53 0.00	19.90 0.59 0.00	21.06 0.77 0.00	22.63 0.88 0.00	20.09 0.79 0.00	18.35 0.74 0.00	18.85 0.75 0.00	19.03 0.74 0.00	19.13 0.77 0.00	19.98 0.85 0.00	17.92 0.77 0.00	16.98 0.74 0.00	16.84 0.72 0.00	17.58 0.76 0.00	16.10 0.71 0.00	16.39 0.69 0.00
CE_MILLWOOD___DRP 24193	21.06 0.65 0.00	21.20 0.67 0.00	19.24 0.64 0.00	19.50 0.64 0.00	19.85 0.57 0.00	19.24 0.53 0.00	17.66 0.48 0.00	19.03 0.52 0.00	18.79 0.50 0.00	19.87 0.57 0.00	21.02 0.73 0.00	22.58 0.85 0.00	20.05 0.76 0.00	18.31 0.71 0.00	18.81 0.72 0.00	18.99 0.70 0.00	19.10 0.74 0.00	19.95 0.81 0.00	17.89 0.75 0.00	16.95 0.72 0.00	16.81 0.69 0.00	17.55 0.73 0.00	16.06 0.68 0.00	16.36 0.66 0.00
CE_NYC2_DRP 24202	21.29 0.88 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.04 0.76 0.00	19.40 0.70 0.00	17.82 0.63 0.00	19.21 0.70 0.00	18.95 0.67 0.00	20.02 0.72 0.00	21.22 0.93 0.00	22.78 1.04 0.00	20.22 0.93 0.00	18.49 0.88 0.00	18.98 0.89 0.00	19.16 0.87 0.00	19.23 0.87 0.00	20.10 0.97 0.00	18.02 0.87 0.00	17.05 0.82 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.20 0.81 0.00	16.50 0.80 0.00
CE_NYC_DRP 24195	21.19 0.78 0.00	21.33 0.80 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.94 0.66 0.00	19.31 0.61 0.00	17.73 0.55 0.00	19.12 0.61 0.00	18.87 0.58 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.81 0.00	19.20 0.84 0.00	20.06 0.92 0.00	17.96 0.82 0.00	17.02 0.78 0.00	16.89 0.77 0.00	17.64 0.81 0.00	16.15 0.76 0.00	16.45 0.75 0.00
CHAFFEE___LFGE 323603	19.37 -1.04 0.00	19.48 -1.05 0.00	17.60 -1.00 0.00	17.85 -1.01 0.00	18.48 -0.80 0.00	17.92 -0.79 0.00	16.52 -0.66 0.00	17.77 -0.75 0.00	17.55 -0.74 0.00	18.45 -0.85 0.00	19.21 -1.08 0.00	20.59 -1.15 0.00	18.27 -1.02 0.00	16.64 -0.96 0.00	17.06 -1.04 0.00	17.18 -1.11 0.00	17.16 -1.20 0.00	17.92 -1.22 0.00	16.09 -1.05 0.00	15.23 -1.00 0.00	15.16 -0.97 0.00	15.62 -1.20 0.00	14.27 -1.12 0.00	14.62 -1.08 0.00
CHATEAUG_35_KV_LOAD 355732	21.00 0.59 0.00	21.10 0.57 0.00	19.11 0.50 0.00	19.38 0.51 0.00	19.81 0.54 0.00	19.23 0.52 0.00	17.66 0.48 0.00	19.08 0.56 0.00	18.92 0.64 0.00	19.98 0.69 0.00	20.98 0.69 0.00	22.49 0.75 0.00	19.97 0.68 0.00	18.20 0.59 0.00	18.69 0.60 0.00	18.88 0.59 0.00	18.90 0.54 0.00	19.67 0.53 0.00	17.59 0.45 0.00	16.69 0.46 0.00	16.60 0.48 0.00	17.35 0.53 0.00	15.84 0.45 0.00	16.13 0.43 0.00
CHATEAUG_WT_PWR 323614	20.97 0.56 0.00	21.07 0.54 0.00	19.09 0.48 0.00	19.35 0.49 0.00	19.78 0.51 0.00	19.19 0.49 0.00	17.63 0.44 0.00	19.04 0.52 0.00	18.89 0.60 0.00	19.94 0.64 0.00	20.94 0.65 0.00	22.45 0.71 0.00	19.92 0.63 0.00	18.15 0.55 0.00	18.66 0.57 0.00	18.85 0.56 0.00	18.87 0.51 0.00	19.64 0.50 0.00	17.56 0.42 0.00	16.66 0.43 0.00	16.56 0.44 0.00	17.32 0.50 0.00	15.82 0.44 0.00	16.11 0.41 0.00
CHAT_HIGH_FALL_HYD 323578	21.00 0.59 0.00	21.10 0.57 0.00	19.11 0.51 0.00	19.38 0.51 0.00	19.81 0.53 0.00	19.23 0.52 0.00	17.66 0.48 0.00	19.08 0.56 0.00	18.92 0.63 0.00	19.98 0.68 0.00	20.98 0.69 0.00	22.48 0.75 0.00	19.97 0.68 0.00	18.20 0.59 0.00	18.70 0.60 0.00	18.88 0.59 0.00	18.90 0.54 0.00	19.67 0.53 0.00	17.59 0.45 0.00	16.69 0.46 0.00	16.60 0.48 0.00	17.35 0.53 0.00	15.84 0.46 0.00	16.13 0.43 0.00
CHAUTAUQUA___LFGE 323629	19.40 -1.01 0.00	19.57 -0.96 0.00	17.71 -0.90 0.00	17.94 -0.92 0.00	18.55 -0.73 0.00	17.96 -0.74 0.00	16.54 -0.64 0.00	17.80 -0.71 0.00	17.57 -0.72 0.00	18.53 -0.77 0.00	19.34 -0.95 0.00	20.79 -0.95 0.00	18.44 -0.85 0.00	16.76 -0.85 0.00	17.21 -0.88 0.00	17.30 -0.99 0.00	17.21 -1.14 0.00	17.92 -1.22 0.00	15.99 -1.16 0.00	15.03 -1.20 0.00	14.92 -1.20 0.00	15.43 -1.39 0.00	14.07 -1.31 0.00	14.45 -1.25 0.00
CHERRYST_13_KV_LD 356241	21.24 0.83 0.00	21.38 0.85 0.00	19.43 0.82 0.00	19.67 0.81 0.00	19.98 0.71 0.00	19.35 0.65 0.00	17.77 0.59 0.00	19.17 0.66 0.00	18.92 0.63 0.00	19.99 0.69 0.00	21.19 0.90 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.86 0.00	18.97 0.88 0.00	19.15 0.86 0.00	19.25 0.89 0.00	20.11 0.97 0.00	18.00 0.86 0.00	17.06 0.82 0.00	16.94 0.81 0.00	17.68 0.85 0.00	16.19 0.80 0.00	16.49 0.79 0.00

CHESTROR_138KV_BK263 355645	20.93 0.52 0.00	21.06 0.53 0.00	19.10 0.50 0.00	19.36 0.50 0.00	19.72 0.45 0.00	19.12 0.42 0.00	17.55 0.37 0.00	18.92 0.41 0.00	18.68 0.39 0.00	19.74 0.44 0.00	20.86 0.57 0.00	22.40 0.66 0.00	19.89 0.60 0.00	18.14 0.54 0.00	18.64 0.55 0.00	18.84 0.55 0.00	18.95 0.59 0.00	19.79 0.66 0.00	17.76 0.62 0.00	16.82 0.58 0.00	16.69 0.56 0.00	17.42 0.60 0.00	15.93 0.55 0.00	16.23 0.53 0.00
CH_MIDHUDSON___DRP 24192	21.11 0.70 0.00	21.25 0.73 0.00	19.28 0.67 0.00	19.54 0.68 0.00	19.90 0.62 0.00	19.30 0.59 0.00	17.72 0.54 0.00	19.10 0.59 0.00	18.85 0.57 0.00	19.94 0.63 0.00	21.07 0.77 0.00	22.62 0.88 0.00	20.07 0.78 0.00	18.33 0.73 0.00	18.84 0.74 0.00	19.03 0.74 0.00	19.14 0.78 0.00	20.00 0.86 0.00	17.93 0.79 0.00	16.99 0.76 0.00	16.85 0.72 0.00	17.59 0.77 0.00	16.10 0.71 0.00	16.39 0.69 0.00
CH_MISC_IPPS 23765	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.38 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.42 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.89 0.00	17.08 0.85 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00
CH_RES_BVR_FALLS 23983	20.46 0.05 0.00	20.57 0.04 0.00	18.64 0.04 0.00	18.90 0.03 0.00	19.33 0.05 0.00	18.75 0.05 0.00	17.23 0.05 0.00	18.57 0.06 0.00	18.34 0.05 0.00	19.36 0.06 0.00	20.36 0.06 0.00	21.81 0.08 0.00	19.36 0.07 0.00	17.67 0.06 0.00	18.13 0.04 0.00	18.32 0.03 0.00	18.36 -0.01 0.00	19.01 -0.12 0.00	16.96 -0.18 0.00	16.05 -0.18 0.00	15.98 -0.15 0.00	16.69 -0.13 0.00	15.26 -0.13 0.00	15.57 -0.13 0.00
CH_RES_NIAGARA 23895	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.67 0.00	17.18 -1.69 0.00	17.79 -1.48 0.00	17.26 -1.44 0.00	15.90 -1.28 0.00	17.06 -1.46 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.37 -1.72 0.00	16.47 -1.82 0.00	16.41 -1.95 0.00	17.14 -2.00 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
CH_RES_SYRACUSE 23985	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.59 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.31 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.31 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.24 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
CLINTON_WT_PWR 323605	20.97 0.56 0.00	21.07 0.54 0.00	19.09 0.48 0.00	19.35 0.49 0.00	19.78 0.51 0.00	19.19 0.49 0.00	17.63 0.44 0.00	19.04 0.52 0.00	18.89 0.60 0.00	19.94 0.64 0.00	20.94 0.65 0.00	22.45 0.71 0.00	19.92 0.63 0.00	18.15 0.55 0.00	18.66 0.57 0.00	18.85 0.56 0.00	18.87 0.51 0.00	19.64 0.50 0.00	17.56 0.42 0.00	16.66 0.43 0.00	16.56 0.44 0.00	17.32 0.50 0.00	15.82 0.44 0.00	16.11 0.41 0.00
CLINTON___LFGE 323618	21.26 0.85 0.00	21.35 0.82 0.00	19.33 0.72 0.00	19.60 0.74 0.00	20.03 0.75 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.32 0.81 0.00	19.20 0.91 0.00	20.29 0.98 0.00	21.30 1.01 0.00	22.81 1.07 0.00	20.25 0.96 0.00	18.45 0.85 0.00	18.97 0.87 0.00	19.16 0.88 0.00	19.19 0.82 0.00	19.97 0.84 0.00	17.86 0.71 0.00	16.93 0.70 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.07 0.68 0.00	16.34 0.64 0.00
COBBLENY_34_KV_TB1 80064	19.37 -1.04 0.00	19.48 -1.05 0.00	17.60 -1.00 0.00	17.85 -1.01 0.00	18.47 -0.81 0.00	17.91 -0.79 0.00	16.52 -0.66 0.00	17.81 -0.70 0.00	17.55 -0.74 0.00	18.45 -0.85 0.00	19.21 -1.08 0.00	20.59 -1.15 0.00	18.27 -1.02 0.00	16.64 -0.96 0.00	17.06 -1.03 0.00	17.19 -1.09 0.00	17.16 -1.21 0.00	17.90 -1.23 0.00	16.09 -1.05 0.00	15.23 -1.00 0.00	15.16 -0.97 0.00	15.62 -1.20 0.00	14.27 -1.12 0.00	14.62 -1.08 0.00
COFFEEN___115KV_TB3 355620	20.31 -0.10 0.00	20.40 -0.13 0.00	18.43 -0.17 0.00	18.57 -0.29 0.00	19.07 -0.20 0.00	18.54 -0.17 0.00	17.08 -0.11 0.00	18.45 -0.06 0.00	18.25 -0.04 0.00	19.17 -0.13 0.00	20.13 -0.16 0.00	21.56 -0.18 0.00	19.08 -0.21 0.00	17.14 -0.47 0.00	17.63 -0.47 0.00	17.85 -0.44 0.00	18.14 -0.22 0.00	18.96 -0.17 0.00	16.73 -0.41 0.00	15.80 -0.43 0.00	15.82 -0.30 0.00	16.46 -0.36 0.00	15.06 -0.33 0.00	15.19 -0.51 0.00
COLDSPRG_115KV_BK1 355956	20.06 -0.35 0.00	20.20 -0.33 0.00	18.27 -0.33 0.00	18.53 -0.33 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.10 -0.09 0.00	18.47 -0.05 0.00	18.20 -0.08 0.00	19.17 -0.13 0.00	20.00 -0.29 0.00	21.43 -0.31 0.00	18.95 -0.34 0.00	17.22 -0.39 0.00	17.66 -0.43 0.00	17.79 -0.50 0.00	17.72 -0.64 0.00	18.48 -0.66 0.00	16.51 -0.63 0.00	15.55 -0.68 0.00	15.45 -0.68 0.00	16.01 -0.81 0.00	14.65 -0.74 0.00	15.04 -0.66 0.00
COLONIE_LFGE___ 323577	20.88 0.46 0.00	21.02 0.49 0.00	19.04 0.44 0.00	19.31 0.45 0.00	19.68 0.40 0.00	19.13 0.42 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.70 0.41 0.00	19.76 0.45 0.00	20.77 0.48 0.00	22.28 0.54 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.56 0.47 0.00	18.79 0.50 0.00	18.84 0.48 0.00	19.66 0.52 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.53 0.40 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.10 0.40 0.00
COOPERNY_115KV_TB1 80082	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.36 0.00	19.22 0.36 0.00	19.60 0.32 0.00	19.00 0.30 0.00	17.44 0.26 0.00	18.80 0.29 0.00	18.56 0.28 0.00	19.62 0.31 0.00	20.70 0.41 0.00	22.21 0.47 0.00	19.72 0.43 0.00	17.98 0.38 0.00	18.48 0.39 0.00	18.68 0.39 0.00	18.78 0.41 0.00	19.61 0.47 0.00	17.58 0.44 0.00	16.65 0.42 0.00	16.52 0.40 0.00	17.24 0.42 0.00	15.77 0.38 0.00	16.08 0.38 0.00
COPENHAGEN_WT_PWR 323753	20.21 -0.20 0.00	20.30 -0.23 0.00	18.34 -0.27 0.00	18.46 -0.41 0.00	18.96 -0.31 0.00	18.42 -0.28 0.00	16.95 -0.24 0.00	18.31 -0.21 0.00	18.10 -0.18 0.00	19.01 -0.29 0.00	19.97 -0.32 0.00	21.43 -0.31 0.00	18.99 -0.31 0.00	17.08 -0.53 0.00	17.59 -0.51 0.00	17.77 -0.52 0.00	17.99 -0.37 0.00	18.77 -0.36 0.00	16.52 -0.63 0.00	15.61 -0.62 0.00	15.66 -0.47 0.00	16.30 -0.53 0.00	14.91 -0.47 0.00	15.05 -0.65 0.00
CORNELL_____ 23752	20.54 0.13 0.00	20.65 0.12 0.00	18.69 0.08 0.00	18.95 0.09 0.00	19.42 0.15 0.00	18.85 0.15 0.00	17.35 0.17 0.00	18.73 0.21 0.00	18.48 0.19 0.00	19.47 0.17 0.00	20.35 0.06 0.00	21.77 0.04 0.00	19.26 -0.03 0.00	17.53 -0.07 0.00	18.05 -0.05 0.00	18.30 0.01 0.00	18.45 0.09 0.00	19.26 0.12 0.00	17.25 0.10 0.00	16.32 0.08 0.00	16.18 0.05 0.00	16.83 0.01 0.00	15.39 0.00 0.00	15.68 -0.02 0.00

CORONA_69_KV_TB1 355595	21.45 1.04 0.00	21.58 1.05 0.00	19.61 1.00 0.00	19.89 1.03 0.00	20.21 0.94 0.00	19.52 0.81 0.00	17.93 0.75 0.00	19.31 0.80 0.00	19.09 0.80 0.00	20.14 0.84 0.00	21.42 1.14 0.00	23.02 1.29 0.00	20.45 1.16 0.00	19.01 1.11 -0.30	39.22 1.12 -20.00	19.33 1.04 0.00	19.48 1.12 0.00	20.33 1.19 0.00	18.24 1.10 0.00	17.63 1.08 -0.31	17.15 1.02 0.00	17.90 1.08 0.00	16.80 1.02 -0.39	16.70 0.99 0.00
CORTLAND_115KV_TB3 80093	20.41 0.00 0.00	20.52 -0.01 0.00	18.58 -0.03 0.00	18.83 -0.03 0.00	19.28 0.01 0.00	18.71 0.01 0.00	17.22 0.04 0.00	18.58 0.06 0.00	18.34 0.05 0.00	19.33 0.02 0.00	20.26 -0.03 0.00	21.68 -0.06 0.00	19.17 -0.11 0.00	17.47 -0.14 0.00	17.98 -0.11 0.00	18.22 -0.08 0.00	18.34 -0.02 0.00	19.14 0.00 0.00	17.14 -0.01 0.00	16.21 -0.02 0.00	16.09 -0.04 0.00	16.74 -0.08 0.00	15.32 -0.07 0.00	15.61 -0.09 0.00
COXSACKIE___GT 23611	21.61 1.20 0.00	21.71 1.18 0.00	19.69 1.08 0.00	19.94 1.08 0.00	20.35 1.07 0.00	19.79 1.09 0.00	18.24 1.06 0.00	19.66 1.14 0.00	19.52 1.23 0.00	20.50 1.20 0.00	21.36 1.07 0.00	22.78 1.04 0.00	20.08 0.80 0.00	18.46 0.86 0.00	19.09 0.99 0.00	19.35 1.06 0.00	19.59 1.23 0.00	20.49 1.35 0.00	18.34 1.20 0.00	17.36 1.13 0.00	17.21 1.09 0.00	17.98 1.16 0.00	16.39 1.00 0.00	16.69 0.99 0.00
CPV_VALLEY___CC1 323721	20.79 0.38 0.00	20.92 0.39 0.00	18.98 0.37 0.00	19.24 0.38 0.00	19.60 0.32 0.00	19.00 0.30 0.00	17.44 0.26 0.00	18.80 0.29 0.00	18.56 0.27 0.00	19.62 0.32 0.00	20.72 0.43 0.00	22.24 0.51 0.00	19.75 0.46 0.00	18.02 0.42 0.00	18.52 0.43 0.00	18.71 0.42 0.00	18.81 0.45 0.00	19.65 0.51 0.00	17.63 0.49 0.00	16.69 0.46 0.00	16.56 0.43 0.00	17.29 0.47 0.00	15.82 0.43 0.00	16.12 0.42 0.00
CPV_VALLEY___CC2 323722	20.79 0.38 0.00	20.92 0.39 0.00	18.98 0.37 0.00	19.24 0.38 0.00	19.60 0.32 0.00	19.00 0.30 0.00	17.44 0.26 0.00	18.80 0.29 0.00	18.56 0.27 0.00	19.62 0.32 0.00	20.72 0.43 0.00	22.24 0.51 0.00	19.75 0.46 0.00	18.02 0.42 0.00	18.52 0.43 0.00	18.71 0.42 0.00	18.81 0.45 0.00	19.65 0.51 0.00	17.63 0.49 0.00	16.69 0.46 0.00	16.56 0.43 0.00	17.29 0.47 0.00	15.82 0.43 0.00	16.12 0.42 0.00
CRESCENT___HYD 24018	20.88 0.46 0.00	21.02 0.49 0.00	19.04 0.44 0.00	19.31 0.45 0.00	19.68 0.40 0.00	19.13 0.42 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.70 0.41 0.00	19.76 0.45 0.00	20.77 0.48 0.00	22.28 0.54 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.56 0.47 0.00	18.79 0.50 0.00	18.84 0.48 0.00	19.66 0.52 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.53 0.40 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.10 0.40 0.00
CRICKET___VALLEY_CC1 323756	20.92 0.51 0.00	21.08 0.56 0.00	19.11 0.50 0.00	19.38 0.52 0.00	19.73 0.45 0.00	19.15 0.45 0.00	17.59 0.41 0.00	18.94 0.43 0.00	18.68 0.39 0.00	19.77 0.47 0.00	20.90 0.60 0.00	22.45 0.71 0.00	19.91 0.62 0.00	18.19 0.58 0.00	18.69 0.59 0.00	18.88 0.59 0.00	18.96 0.60 0.00	19.80 0.66 0.00	17.77 0.63 0.00	16.84 0.61 0.00	16.69 0.56 0.00	17.44 0.62 0.00	15.97 0.58 0.00	16.25 0.56 0.00
CRICKET___VALLEY_CC2 323757	20.92 0.51 0.00	21.08 0.56 0.00	19.11 0.50 0.00	19.38 0.52 0.00	19.73 0.45 0.00	19.15 0.45 0.00	17.59 0.41 0.00	18.94 0.43 0.00	18.68 0.39 0.00	19.77 0.47 0.00	20.90 0.60 0.00	22.45 0.71 0.00	19.91 0.62 0.00	18.19 0.58 0.00	18.69 0.59 0.00	18.88 0.59 0.00	18.96 0.60 0.00	19.80 0.66 0.00	17.77 0.63 0.00	16.84 0.61 0.00	16.69 0.56 0.00	17.44 0.62 0.00	15.97 0.58 0.00	16.25 0.56 0.00
CRICKET___VALLEY_CC3 323758	20.92 0.51 0.00	21.08 0.56 0.00	19.11 0.50 0.00	19.38 0.52 0.00	19.73 0.45 0.00	19.15 0.45 0.00	17.59 0.41 0.00	18.94 0.43 0.00	18.68 0.39 0.00	19.77 0.47 0.00	20.90 0.60 0.00	22.45 0.71 0.00	19.91 0.62 0.00	18.19 0.58 0.00	18.69 0.59 0.00	18.88 0.59 0.00	18.96 0.60 0.00	19.80 0.66 0.00	17.77 0.63 0.00	16.84 0.61 0.00	16.69 0.56 0.00	17.44 0.62 0.00	15.97 0.58 0.00	16.25 0.56 0.00
CRUCIBLE_METL_DRP 24180	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
DAHOWA___HYDRO 323763	21.16 0.75 0.00	21.28 0.75 0.00	19.25 0.64 0.00	19.52 0.66 0.00	19.91 0.63 0.00	19.37 0.67 0.00	17.75 0.57 0.00	19.17 0.66 0.00	19.01 0.72 0.00	20.10 0.79 0.00	21.12 0.82 0.00	22.63 0.88 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.83 0.74 0.00	19.07 0.78 0.00	19.16 0.80 0.00	19.97 0.84 0.00	17.88 0.74 0.00	16.92 0.69 0.00	16.77 0.64 0.00	17.54 0.72 0.00	16.03 0.65 0.00	16.28 0.58 0.00
DANC___LFGE 323619	20.02 -0.39 0.00	20.12 -0.41 0.00	18.20 -0.41 0.00	18.36 -0.50 0.00	18.83 -0.44 0.00	18.29 -0.41 0.00	16.83 -0.35 0.00	18.16 -0.35 0.00	17.95 -0.34 0.00	18.88 -0.43 0.00	19.82 -0.47 0.00	21.24 -0.50 0.00	18.81 -0.48 0.00	17.02 -0.59 0.00	17.50 -0.58 0.00	17.71 -0.58 0.00	17.89 -0.47 0.00	18.68 -0.46 0.00	16.55 -0.59 0.00	15.65 -0.58 0.00	15.63 -0.49 0.00	16.27 -0.55 0.00	14.89 -0.50 0.00	15.09 -0.61 0.00
DANSKAMMER___1 23586	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.38 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.42 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.89 0.00	17.08 0.85 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00
DANSKAMMER___2 23589	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.38 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.42 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.89 0.00	17.08 0.85 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00
DANSKAMMER___3 23590	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.38 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.42 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.89 0.00	17.08 0.85 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00

DANSKAMMER___4 23591	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.38 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.42 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.89 0.00	17.08 0.85 0.00	16.94 0.81 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00
DANSKAMMER___DIESEL 23592	21.22 0.81 0.00	21.35 0.82 0.00	19.36 0.76 0.00	19.62 0.77 0.00	19.99 0.71 0.00	19.39 0.68 0.00	17.80 0.62 0.00	19.20 0.68 0.00	18.96 0.67 0.00	20.04 0.74 0.00	21.17 0.88 0.00	22.73 0.99 0.00	20.17 0.88 0.00	18.41 0.81 0.00	18.93 0.83 0.00	19.13 0.84 0.00	19.25 0.89 0.00	20.12 0.98 0.00	18.04 0.90 0.00	17.08 0.85 0.00	16.95 0.82 0.00	17.68 0.86 0.00	16.18 0.79 0.00	16.47 0.76 0.00
DARBY___SOLAR 323810	21.13 0.72 0.00	21.26 0.73 0.00	19.23 0.62 0.00	19.50 0.64 0.00	19.89 0.62 0.00	19.35 0.64 0.00	17.73 0.55 0.00	19.14 0.63 0.00	18.97 0.68 0.00	20.05 0.75 0.00	21.06 0.77 0.00	22.58 0.84 0.00	19.98 0.69 0.00	18.22 0.62 0.00	18.80 0.71 0.00	19.04 0.75 0.00	19.12 0.76 0.00	19.93 0.79 0.00	17.85 0.70 0.00	16.88 0.65 0.00	16.75 0.62 0.00	17.51 0.69 0.00	16.01 0.62 0.00	16.27 0.57 0.00
DASHVILLE___HYD 23610	21.04 0.63 0.00	21.18 0.65 0.00	19.21 0.60 0.00	19.47 0.61 0.00	19.82 0.54 0.00	19.21 0.51 0.00	17.62 0.44 0.00	19.01 0.49 0.00	18.76 0.47 0.00	19.84 0.54 0.00	21.01 0.72 0.00	22.58 0.84 0.00	20.05 0.76 0.00	18.29 0.69 0.00	18.77 0.68 0.00	18.96 0.67 0.00	19.08 0.72 0.00	19.94 0.80 0.00	17.89 0.75 0.00	16.94 0.71 0.00	16.80 0.68 0.00	17.53 0.71 0.00	16.05 0.66 0.00	16.35 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.17 1.75 0.00	22.26 1.73 0.00	20.26 1.65 0.00	20.52 1.66 0.00	20.88 1.60 0.00	20.12 1.42 0.00	18.50 1.32 0.00	19.78 1.27 0.00	19.74 1.45 0.00	20.82 1.52 0.00	22.12 1.83 0.00	23.66 1.92 0.00	21.02 1.73 0.00	19.49 1.59 -0.30	39.74 1.65 -20.00	19.84 1.55 0.00	20.08 1.72 0.00	20.96 1.82 0.00	18.73 1.58 0.00	18.18 1.63 -0.31	17.51 1.39 0.00	18.28 1.46 0.00	17.36 1.58 -0.39	17.20 1.50 0.00
DELAWARE___LFGE 323621	20.87 0.45 0.00	20.98 0.45 0.00	19.01 0.41 0.00	19.28 0.41 0.00	19.69 0.42 0.00	19.09 0.38 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.65 0.37 0.00	19.69 0.39 0.00	20.73 0.44 0.00	22.20 0.46 0.00	19.69 0.39 0.00	17.96 0.35 0.00	18.45 0.36 0.00	18.66 0.37 0.00	18.76 0.39 0.00	19.56 0.42 0.00	17.52 0.37 0.00	16.58 0.35 0.00	16.45 0.32 0.00	17.15 0.33 0.00	15.69 0.30 0.00	16.03 0.33 0.00
DERFIELD_115KV_TB7 355931	20.43 0.02 0.00	20.55 0.02 0.00	18.62 0.02 0.00	18.88 0.02 0.00	19.28 0.00 0.00	18.71 0.01 0.00	17.18 0.00 0.00	18.52 0.00 0.00	18.29 0.00 0.00	19.32 0.02 0.00	20.31 0.02 0.00	21.77 0.03 0.00	19.30 0.01 0.00	17.62 0.01 0.00	18.11 0.02 0.00	18.31 0.02 0.00	18.39 0.03 0.00	19.16 0.02 0.00	17.15 0.00 0.00	16.23 0.00 0.00	16.13 0.00 0.00	16.83 0.00 0.00	15.40 0.01 0.00	15.70 0.00 0.00
DOGLEVILLE___HYD 23807	20.27 -0.14 0.00	20.41 -0.12 0.00	18.47 -0.13 0.00	18.74 -0.13 0.00	19.06 -0.21 0.00	18.51 -0.20 0.00	16.99 -0.20 0.00	18.31 -0.20 0.00	18.15 -0.14 0.00	19.19 -0.11 0.00	20.22 -0.07 0.00	21.68 -0.06 0.00	19.14 -0.15 0.00	17.48 -0.13 0.00	17.98 -0.12 0.00	18.19 -0.10 0.00	18.31 -0.05 0.00	19.10 -0.04 0.00	17.10 -0.04 0.00	16.23 -0.01 0.00	16.08 -0.05 0.00	16.84 0.02 0.00	15.39 0.01 0.00	15.67 -0.03 0.00
DUNKIRK___115KV_TB_200 55889	19.38 -1.03 0.00	19.54 -0.99 0.00	17.68 -0.93 0.00	17.91 -0.95 0.00	18.52 -0.76 0.00	17.93 -0.77 0.00	16.53 -0.66 0.00	17.83 -0.69 0.00	17.56 -0.73 0.00	18.51 -0.79 0.00	19.32 -0.97 0.00	20.76 -0.98 0.00	18.40 -0.89 0.00	16.73 -0.88 0.00	17.18 -0.92 0.00	17.29 -1.00 0.00	17.19 -1.17 0.00	17.90 -1.24 0.00	15.99 -1.15 0.00	15.05 -1.18 0.00	14.95 -1.18 0.00	15.45 -1.38 0.00	14.09 -1.30 0.00	14.46 -1.24 0.00
DUNKIRK___1 23563	19.38 -1.03 0.00	19.54 -0.99 0.00	17.68 -0.93 0.00	17.91 -0.95 0.00	18.52 -0.76 0.00	17.93 -0.77 0.00	16.53 -0.66 0.00	17.83 -0.69 0.00	17.56 -0.73 0.00	18.51 -0.79 0.00	19.32 -0.97 0.00	20.76 -0.98 0.00	18.40 -0.89 0.00	16.73 -0.88 0.00	17.18 -0.92 0.00	17.29 -1.00 0.00	17.19 -1.17 0.00	17.90 -1.24 0.00	15.99 -1.15 0.00	15.05 -1.18 0.00	14.95 -1.18 0.00	15.45 -1.38 0.00	14.09 -1.30 0.00	14.46 -1.24 0.00
DUNKIRK___2 23564	19.38 -1.03 0.00	19.54 -0.99 0.00	17.68 -0.93 0.00	17.91 -0.95 0.00	18.52 -0.76 0.00	17.93 -0.77 0.00	16.53 -0.66 0.00	17.83 -0.69 0.00	17.56 -0.73 0.00	18.51 -0.79 0.00	19.32 -0.97 0.00	20.76 -0.98 0.00	18.40 -0.89 0.00	16.73 -0.88 0.00	17.18 -0.92 0.00	17.29 -1.00 0.00	17.19 -1.17 0.00	17.90 -1.24 0.00	15.99 -1.15 0.00	15.05 -1.18 0.00	14.95 -1.18 0.00	15.45 -1.38 0.00	14.09 -1.30 0.00	14.46 -1.24 0.00
DUNKIRK___3 23565	19.34 -1.07 0.00	19.48 -1.05 0.00	17.62 -0.99 0.00	17.86 -1.00 0.00	18.47 -0.81 0.00	17.89 -0.82 0.00	16.49 -0.69 0.00	17.79 -0.72 0.00	17.53 -0.76 0.00	18.46 -0.85 0.00	19.24 -1.05 0.00	20.66 -1.08 0.00	18.31 -0.98 0.00	16.65 -0.95 0.00	17.09 -1.01 0.00	17.21 -1.08 0.00	17.13 -1.23 0.00	17.85 -1.28 0.00	15.98 -1.16 0.00	15.07 -1.16 0.00	14.98 -1.15 0.00	15.48 -1.35 0.00	14.13 -1.25 0.00	14.50 -1.20 0.00
DUNKIRK___4 23566	19.34 -1.07 0.00	19.48 -1.05 0.00	17.62 -0.99 0.00	17.86 -1.00 0.00	18.47 -0.81 0.00	17.89 -0.82 0.00	16.49 -0.69 0.00	17.79 -0.72 0.00	17.53 -0.76 0.00	18.46 -0.85 0.00	19.24 -1.05 0.00	20.66 -1.08 0.00	18.31 -0.98 0.00	16.65 -0.95 0.00	17.09 -1.01 0.00	17.21 -1.08 0.00	17.13 -1.23 0.00	17.85 -1.28 0.00	15.98 -1.16 0.00	15.07 -1.16 0.00	14.98 -1.15 0.00	15.48 -1.35 0.00	14.13 -1.25 0.00	14.50 -1.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.13 0.72 0.00	21.27 0.74 0.00	19.31 0.71 0.00	19.57 0.71 0.00	19.91 0.63 0.00	19.29 0.59 0.00	17.71 0.52 0.00	19.09 0.57 0.00	18.84 0.56 0.00	19.92 0.61 0.00	21.10 0.80 0.00	22.68 0.94 0.00	20.13 0.84 0.00	18.39 0.78 0.00	18.88 0.79 0.00	19.06 0.77 0.00	19.17 0.81 0.00	20.02 0.89 0.00	17.95 0.81 0.00	17.01 0.78 0.00	16.87 0.75 0.00	17.62 0.79 0.00	16.13 0.74 0.00	16.42 0.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.06 0.65 0.00	21.19 0.66 0.00	19.22 0.62 0.00	19.48 0.63 0.00	19.84 0.56 0.00	19.25 0.54 0.00	17.67 0.48 0.00	19.05 0.53 0.00	18.81 0.52 0.00	19.88 0.58 0.00	21.01 0.71 0.00	22.55 0.81 0.00	20.02 0.74 0.00	18.27 0.66 0.00	18.77 0.68 0.00	18.97 0.68 0.00	19.09 0.73 0.00	19.95 0.81 0.00	17.89 0.75 0.00	16.95 0.71 0.00	16.80 0.68 0.00	17.54 0.72 0.00	16.04 0.66 0.00	16.34 0.64 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.25 0.84 0.00	21.42 0.89 0.00	19.43 0.83 0.00	19.68 0.81 0.00	20.00 0.72 0.00	19.36 0.65 0.00	17.78 0.60 0.00	19.18 0.66 0.00	18.91 0.62 0.00	19.96 0.66 0.00	21.16 0.87 0.00	22.69 0.95 0.00	20.14 0.85 0.00	18.42 0.81 0.00	18.91 0.82 0.00	19.09 0.80 0.00	19.18 0.82 0.00	20.04 0.91 0.00	17.98 0.83 0.00	17.02 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.47 0.77 0.00
E179THST_13_KV_LOAD 356214	21.34 0.93 0.00	21.50 0.97 0.00	19.51 0.90 0.00	19.75 0.89 0.00	20.07 0.80 0.00	19.43 0.73 0.00	17.85 0.66 0.00	19.25 0.74 0.00	18.98 0.69 0.00	20.04 0.73 0.00	21.24 0.95 0.00	22.78 1.04 0.00	20.22 0.93 0.00	18.49 0.89 0.00	18.99 0.90 0.00	19.16 0.88 0.00	19.27 0.90 0.00	20.13 0.99 0.00	18.05 0.91 0.00	17.10 0.86 0.00	16.98 0.85 0.00	17.72 0.90 0.00	16.23 0.84 0.00	16.54 0.83 0.00
EAST HAMPTON___GT 23717	22.37 1.96 0.00	22.44 1.91 0.00	20.43 1.82 0.00	20.70 1.83 0.00	21.06 1.79 0.00	20.30 1.60 0.00	18.67 1.49 0.00	19.97 1.46 0.00	19.94 1.65 0.00	21.02 1.72 0.00	22.31 2.02 0.00	23.84 2.11 0.00	21.18 1.90 0.00	19.62 1.72 -0.30	39.89 1.80 -20.00	19.97 1.68 0.00	20.26 1.90 0.00	21.15 2.02 0.00	18.89 1.75 0.00	18.36 1.81 -0.31	17.70 1.57 0.00	18.45 1.63 0.00	17.51 1.73 -0.39	17.36 1.66 0.00
EAST RIVER___6 23660	21.17 0.76 0.00	21.31 0.78 0.00	19.36 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.12 0.60 0.00	18.87 0.58 0.00	19.93 0.63 0.00	21.13 0.84 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.81 0.00	19.20 0.84 0.00	20.05 0.92 0.00	17.96 0.81 0.00	17.01 0.78 0.00	16.89 0.76 0.00	17.63 0.81 0.00	16.13 0.75 0.00	16.44 0.74 0.00
EAST RIVER___7 23524	21.17 0.76 0.00	21.31 0.78 0.00	19.36 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.12 0.60 0.00	18.87 0.58 0.00	19.93 0.63 0.00	21.13 0.84 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.81 0.00	19.20 0.84 0.00	20.05 0.92 0.00	17.96 0.81 0.00	17.01 0.78 0.00	16.89 0.76 0.00	17.63 0.81 0.00	16.13 0.75 0.00	16.44 0.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.10 0.69 0.00	21.23 0.70 0.00	19.28 0.67 0.00	19.54 0.67 0.00	19.88 0.60 0.00	19.27 0.56 0.00	17.68 0.50 0.00	19.06 0.54 0.00	18.82 0.53 0.00	19.90 0.59 0.00	21.06 0.77 0.00	22.63 0.88 0.00	20.09 0.79 0.00	18.35 0.74 0.00	18.85 0.75 0.00	19.03 0.74 0.00	19.13 0.77 0.00	19.98 0.85 0.00	17.92 0.77 0.00	16.98 0.74 0.00	16.84 0.72 0.00	17.58 0.76 0.00	16.10 0.71 0.00	16.39 0.69 0.00
EAST_HAMPTON___DIESEL 23722	22.37 1.96 0.00	22.44 1.91 0.00	20.43 1.82 0.00	20.70 1.83 0.00	21.06 1.79 0.00	20.30 1.60 0.00	18.67 1.49 0.00	19.97 1.46 0.00	19.94 1.65 0.00	21.02 1.72 0.00	22.31 2.02 0.00	23.85 2.11 0.00	21.18 1.90 0.00	19.62 1.72 -0.30	39.89 1.80 -20.00	19.97 1.68 0.00	20.26 1.90 0.00	21.15 2.01 0.00	18.89 1.75 0.00	18.36 1.81 -0.31	17.69 1.57 0.00	18.45 1.62 0.00	17.51 1.73 -0.39	17.36 1.66 0.00
EAST_PULASKI___ESR 323781	19.91 -0.50 0.00	20.01 -0.52 0.00	18.12 -0.49 0.00	18.33 -0.53 0.00	18.78 -0.50 0.00	18.23 -0.47 0.00	16.78 -0.40 0.00	18.09 -0.42 0.00	17.87 -0.42 0.00	18.82 -0.48 0.00	19.74 -0.55 0.00	21.11 -0.62 0.00	18.72 -0.57 0.00	17.01 -0.59 0.00	17.50 -0.59 0.00	17.71 -0.57 0.00	17.86 -0.50 0.00	18.64 -0.49 0.00	16.63 -0.51 0.00	15.74 -0.49 0.00	15.66 -0.47 0.00	16.30 -0.53 0.00	14.92 -0.46 0.00	15.18 -0.53 0.00
EAST_RIVER___1 323558	21.19 0.78 0.00	21.33 0.80 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.94 0.66 0.00	19.31 0.60 0.00	17.73 0.55 0.00	19.13 0.61 0.00	18.87 0.58 0.00	19.94 0.64 0.00	21.14 0.84 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.82 0.00	19.20 0.84 0.00	20.06 0.92 0.00	17.97 0.82 0.00	17.02 0.78 0.00	16.89 0.77 0.00	17.64 0.81 0.00	16.15 0.76 0.00	16.45 0.75 0.00
EAST_RIVER___2 323559	21.17 0.76 0.00	21.31 0.78 0.00	19.36 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.12 0.60 0.00	18.87 0.58 0.00	19.93 0.63 0.00	21.13 0.84 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.81 0.00	19.20 0.84 0.00	20.05 0.92 0.00	17.96 0.81 0.00	17.01 0.78 0.00	16.89 0.76 0.00	17.63 0.81 0.00	16.13 0.75 0.00	16.44 0.74 0.00
EAST___DELAWARE_HYD 23607	21.24 0.83 0.00	21.41 0.88 0.00	19.41 0.80 0.00	19.67 0.81 0.00	20.05 0.77 0.00	19.44 0.74 0.00	17.85 0.67 0.00	19.27 0.75 0.00	19.04 0.75 0.00	20.12 0.82 0.00	21.26 0.97 0.00	22.82 1.08 0.00	20.26 0.97 0.00	18.48 0.87 0.00	18.93 0.83 0.00	19.16 0.87 0.00	19.32 0.96 0.00	20.20 1.07 0.00	18.12 0.98 0.00	17.15 0.92 0.00	17.02 0.90 0.00	17.74 0.92 0.00	16.22 0.83 0.00	16.51 0.80 0.00
EIGHT_POINT___WT_PWR 323820	19.73 -0.68 0.00	19.78 -0.75 0.00	17.86 -0.75 0.00	18.11 -0.75 0.00	18.75 -0.53 0.00	18.11 -0.59 0.00	16.70 -0.48 0.00	17.91 -0.61 0.00	17.72 -0.57 0.00	18.76 -0.54 0.00	19.58 -0.71 0.00	20.92 -0.82 0.00	18.50 -0.79 0.00	16.84 -0.77 0.00	17.32 -0.77 0.00	17.51 -0.78 0.00	17.45 -0.91 0.00	17.94 -1.20 0.00	15.90 -1.24 0.00	14.94 -1.30 0.00	14.78 -1.34 0.00	15.18 -1.64 0.00	13.82 -1.57 0.00	14.13 -1.57 0.00
ELBRIDGE_115KV_TB2 80188	20.01 -0.40 0.00	20.12 -0.40 0.00	18.23 -0.38 0.00	18.48 -0.38 0.00	18.92 -0.36 0.00	18.37 -0.34 0.00	16.90 -0.28 0.00	18.21 -0.30 0.00	17.97 -0.32 0.00	18.95 -0.36 0.00	19.85 -0.44 0.00	21.24 -0.50 0.00	18.84 -0.45 0.00	17.19 -0.42 0.00	17.68 -0.41 0.00	17.90 -0.39 0.00	17.99 -0.37 0.00	18.77 -0.37 0.00	16.82 -0.32 0.00	15.92 -0.31 0.00	15.81 -0.32 0.00	16.45 -0.37 0.00	15.06 -0.33 0.00	15.36 -0.34 0.00
ELEC_TRO_TEK 24086	21.37 0.96 0.00	21.50 0.97 0.00	19.54 0.94 0.00	19.82 0.95 0.00	20.15 0.88 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.24 0.73 0.00	19.03 0.74 0.00	20.08 0.78 0.00	21.34 1.05 0.00	22.93 1.19 0.00	20.37 1.08 0.00	18.93 1.03 -0.30	39.14 1.05 -20.00	19.26 0.97 0.00	19.40 1.04 0.00	20.25 1.11 0.00	18.17 1.03 0.00	17.56 1.01 -0.31	17.08 0.95 0.00	17.83 1.01 0.00	16.74 0.96 -0.39	16.64 0.94 0.00
ELLENBURG_WT_PWR 323604	20.97 0.56 0.00	21.07 0.54 0.00	19.09 0.48 0.00	19.35 0.49 0.00	19.78 0.51 0.00	19.19 0.49 0.00	17.63 0.44 0.00	19.04 0.52 0.00	18.89 0.60 0.00	19.94 0.64 0.00	20.94 0.65 0.00	22.45 0.71 0.00	19.92 0.63 0.00	18.15 0.55 0.00	18.66 0.57 0.00	18.85 0.56 0.00	18.87 0.51 0.00	19.64 0.50 0.00	17.56 0.42 0.00	16.66 0.43 0.00	16.56 0.44 0.00	17.32 0.50 0.00	15.82 0.44 0.00	16.11 0.41 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.17 -1.24 0.00	19.28 -1.25 0.00	17.43 -1.17 0.00	17.68 -1.19 0.00	18.30 -0.98 0.00	17.74 -0.96 0.00	16.36 -0.82 0.00	17.63 -0.88 0.00	17.37 -0.92 0.00	18.25 -1.05 0.00	19.01 -1.29 0.00	20.38 -1.36 0.00	18.08 -1.21 0.00	16.48 -1.13 0.00	16.88 -1.21 0.00	17.00 -1.29 0.00	16.94 -1.41 0.00	17.67 -1.47 0.00	15.89 -1.25 0.00	15.04 -1.19 0.00	14.98 -1.15 0.00	15.43 -1.39 0.00	14.10 -1.29 0.00	14.47 -1.23 0.00
EMPIRE_CC_1 323656	20.69 0.27 0.00	20.83 0.30 0.00	18.88 0.27 0.00	19.15 0.28 0.00	19.50 0.22 0.00	18.95 0.25 0.00	17.36 0.18 0.00	18.69 0.17 0.00	18.48 0.19 0.00	19.51 0.21 0.00	20.53 0.24 0.00	22.06 0.32 0.00	19.56 0.28 0.00	17.88 0.28 0.00	18.40 0.30 0.00	18.62 0.33 0.00	18.66 0.29 0.00	19.43 0.29 0.00	17.42 0.28 0.00	16.52 0.29 0.00	16.38 0.25 0.00	17.14 0.31 0.00	15.67 0.28 0.00	15.97 0.27 0.00
EMPIRE_CC_2 323658	20.69 0.27 0.00	20.83 0.30 0.00	18.88 0.27 0.00	19.15 0.28 0.00	19.50 0.22 0.00	18.95 0.25 0.00	17.36 0.18 0.00	18.69 0.17 0.00	18.48 0.19 0.00	19.51 0.21 0.00	20.53 0.24 0.00	22.06 0.32 0.00	19.56 0.28 0.00	17.88 0.28 0.00	18.40 0.30 0.00	18.62 0.33 0.00	18.66 0.29 0.00	19.43 0.29 0.00	17.42 0.28 0.00	16.52 0.29 0.00	16.38 0.25 0.00	17.14 0.31 0.00	15.67 0.28 0.00	15.97 0.27 0.00
ENORWICH_115KV_TB1 80156	21.67 1.26 0.00	21.81 1.28 0.00	19.72 1.12 0.00	20.01 1.14 0.00	20.51 1.23 0.00	19.89 1.19 0.00	18.30 1.12 0.00	19.74 1.23 0.00	19.45 1.17 0.00	20.42 1.12 0.00	21.22 0.93 0.00	22.73 0.99 0.00	20.13 0.84 0.00	18.31 0.70 0.00	18.83 0.74 0.00	19.10 0.81 0.00	19.32 0.96 0.00	20.07 0.93 0.00	17.85 0.71 0.00	16.86 0.63 0.00	16.64 0.51 0.00	17.32 0.50 0.00	15.81 0.42 0.00	16.00 0.30 0.00
ERIE_ST__34_KV_TB1-2 80199	19.67 -0.74 0.00	19.78 -0.75 0.00	17.87 -0.74 0.00	18.12 -0.74 0.00	18.75 -0.53 0.00	18.17 -0.53 0.00	16.76 -0.42 0.00	18.09 -0.42 0.00	17.82 -0.47 0.00	18.74 -0.57 0.00	19.50 -0.79 0.00	20.88 -0.85 0.00	18.50 -0.79 0.00	16.85 -0.76 0.00	17.27 -0.83 0.00	17.41 -0.88 0.00	17.38 -0.98 0.00	18.16 -0.98 0.00	16.31 -0.83 0.00	15.44 -0.79 0.00	15.38 -0.74 0.00	15.87 -0.95 0.00	14.51 -0.87 0.00	14.88 -0.82 0.00
ERIE_WT_PWR 323693	19.35 -1.06 0.00	19.47 -1.06 0.00	17.59 -1.02 0.00	17.84 -1.02 0.00	18.47 -0.81 0.00	17.91 -0.79 0.00	16.51 -0.68 0.00	17.76 -0.76 0.00	17.52 -0.77 0.00	18.43 -0.88 0.00	19.19 -1.10 0.00	20.56 -1.18 0.00	18.24 -1.05 0.00	16.62 -0.99 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.12 -1.24 0.00	17.87 -1.27 0.00	16.04 -1.11 0.00	15.18 -1.05 0.00	15.11 -1.02 0.00	15.57 -1.25 0.00	14.22 -1.17 0.00	14.59 -1.11 0.00
ESPRGFLD_115KV_TB1 80157	21.45 1.04 0.00	21.53 1.01 0.00	19.49 0.88 0.00	19.75 0.89 0.00	20.24 0.97 0.00	19.64 0.93 0.00	18.04 0.86 0.00	19.48 0.97 0.00	19.22 0.93 0.00	20.29 0.99 0.00	21.32 1.03 0.00	22.78 1.05 0.00	20.19 0.90 0.00	18.38 0.78 0.00	18.89 0.80 0.00	19.07 0.78 0.00	19.18 0.82 0.00	19.97 0.83 0.00	17.86 0.72 0.00	16.89 0.65 0.00	16.79 0.66 0.00	17.48 0.66 0.00	15.97 0.58 0.00	16.29 0.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.52 0.11 0.00	20.63 0.10 0.00	18.67 0.07 0.00	18.93 0.07 0.00	19.40 0.12 0.00	18.83 0.12 0.00	17.33 0.15 0.00	18.70 0.19 0.00	18.46 0.17 0.00	19.44 0.14 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.24 -0.05 0.00	17.52 -0.09 0.00	18.04 -0.06 0.00	18.28 -0.01 0.00	18.44 0.07 0.00	19.23 0.10 0.00	17.23 0.08 0.00	16.29 0.06 0.00	16.16 0.03 0.00	16.82 -0.01 0.00	15.37 -0.01 0.00	15.67 -0.04 0.00
ETNA____115KV_TB2 80207	20.52 0.11 0.00	20.63 0.10 0.00	18.67 0.07 0.00	18.93 0.07 0.00	19.40 0.12 0.00	18.83 0.12 0.00	17.33 0.15 0.00	18.70 0.19 0.00	18.46 0.17 0.00	19.44 0.14 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.24 -0.05 0.00	17.52 -0.09 0.00	18.04 -0.06 0.00	18.28 -0.01 0.00	18.44 0.07 0.00	19.23 0.10 0.00	17.23 0.08 0.00	16.29 0.06 0.00	16.16 0.03 0.00	16.82 -0.01 0.00	15.37 -0.01 0.00	15.67 -0.04 0.00
EUCLID___115KV_TB2 356179	19.94 -0.47 0.00	20.05 -0.48 0.00	18.16 -0.44 0.00	18.41 -0.45 0.00	18.84 -0.43 0.00	18.29 -0.42 0.00	16.83 -0.36 0.00	18.12 -0.39 0.00	17.89 -0.39 0.00	18.86 -0.44 0.00	19.78 -0.51 0.00	21.16 -0.58 0.00	18.77 -0.52 0.00	17.14 -0.47 0.00	17.62 -0.48 0.00	17.83 -0.46 0.00	17.92 -0.44 0.00	18.68 -0.45 0.00	16.75 -0.40 0.00	15.86 -0.38 0.00	15.74 -0.39 0.00	16.39 -0.43 0.00	15.00 -0.38 0.00	15.31 -0.39 0.00
E_CANADA_CAP_HY 24051	21.65 1.24 0.00	21.72 1.19 0.00	19.66 1.05 0.00	19.92 1.06 0.00	20.43 1.15 0.00	19.82 1.12 0.00	18.19 1.01 0.00	19.65 1.13 0.00	19.40 1.12 0.00	20.49 1.19 0.00	21.56 1.27 0.00	23.03 1.29 0.00	20.41 1.12 0.00	18.58 0.97 0.00	19.09 1.00 0.00	19.25 0.97 0.00	19.35 0.99 0.00	20.13 1.00 0.00	18.02 0.87 0.00	17.05 0.82 0.00	16.97 0.85 0.00	17.71 0.89 0.00	16.17 0.78 0.00	16.48 0.78 0.00
E_CANADA_MHWK_HY 24050	20.27 -0.14 0.00	20.41 -0.12 0.00	18.47 -0.13 0.00	18.74 -0.13 0.00	19.06 -0.21 0.00	18.51 -0.20 0.00	16.99 -0.20 0.00	18.31 -0.20 0.00	18.15 -0.14 0.00	19.19 -0.11 0.00	20.22 -0.07 0.00	21.68 -0.06 0.00	19.14 -0.15 0.00	17.48 -0.13 0.00	17.98 -0.12 0.00	18.19 -0.10 0.00	18.31 -0.05 0.00	19.10 -0.04 0.00	17.10 -0.04 0.00	16.23 -0.01 0.00	16.08 -0.05 0.00	16.84 0.02 0.00	15.39 0.01 0.00	15.67 -0.03 0.00
E_FISHKILL___LBMP 23776	21.00 0.59 0.00	21.14 0.62 0.00	19.19 0.58 0.00	19.45 0.59 0.00	19.80 0.52 0.00	19.19 0.49 0.00	17.62 0.44 0.00	18.99 0.47 0.00	18.75 0.46 0.00	19.82 0.51 0.00	20.96 0.67 0.00	22.51 0.77 0.00	19.98 0.68 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.93 0.64 0.00	19.03 0.67 0.00	19.87 0.74 0.00	17.82 0.68 0.00	16.88 0.65 0.00	16.75 0.62 0.00	17.49 0.67 0.00	16.01 0.62 0.00	16.30 0.60 0.00
FALCON___SEABRD_CC1 323796	21.21 0.81 0.00	21.32 0.79 0.00	19.31 0.70 0.00	19.58 0.72 0.00	20.00 0.73 0.00	19.42 0.72 0.00	17.84 0.66 0.00	19.28 0.76 0.00	19.15 0.86 0.00	20.24 0.93 0.00	21.25 0.95 0.00	22.76 1.03 0.00	20.19 0.90 0.00	18.40 0.80 0.00	18.92 0.82 0.00	19.11 0.82 0.00	19.14 0.78 0.00	19.92 0.79 0.00	17.81 0.67 0.00	16.89 0.65 0.00	16.77 0.64 0.00	17.55 0.73 0.00	16.05 0.66 0.00	16.32 0.62 0.00
FALCON___SEABRD_CC2 323797	21.21 0.81 0.00	21.32 0.79 0.00	19.31 0.70 0.00	19.58 0.72 0.00	20.00 0.73 0.00	19.42 0.72 0.00	17.84 0.66 0.00	19.28 0.76 0.00	19.15 0.86 0.00	20.24 0.93 0.00	21.25 0.95 0.00	22.76 1.03 0.00	20.19 0.90 0.00	18.40 0.80 0.00	18.92 0.82 0.00	19.11 0.82 0.00	19.14 0.78 0.00	19.92 0.79 0.00	17.81 0.67 0.00	16.89 0.65 0.00	16.77 0.64 0.00	17.55 0.73 0.00	16.05 0.66 0.00	16.32 0.62 0.00

FAR ROCKAWAY___4 23548	21.58 1.17 0.00	21.71 1.18 0.00	19.73 1.12 0.00	20.01 1.14 0.00	20.33 1.06 0.00	19.63 0.93 0.00	18.04 0.86 0.00	19.43 0.92 0.00	19.21 0.93 0.00	20.28 0.98 0.00	21.56 1.27 0.00	23.18 1.44 0.00	20.59 1.30 0.00	19.13 1.23 -0.30	39.35 1.25 -20.00	19.46 1.17 0.00	19.62 1.26 0.00	20.48 1.34 0.00	18.38 1.23 0.00	17.75 1.21 -0.31	17.27 1.14 0.00	18.02 1.20 0.00	16.90 1.12 -0.39	16.80 1.10 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.21 0.80 0.00	21.36 0.83 0.00	19.40 0.80 0.00	19.65 0.79 0.00	19.96 0.69 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.14 0.63 0.00	18.89 0.60 0.00	19.96 0.66 0.00	21.16 0.87 0.00	22.72 0.98 0.00	20.18 0.89 0.00	18.44 0.83 0.00	18.93 0.84 0.00	19.12 0.83 0.00	19.22 0.86 0.00	20.08 0.94 0.00	17.98 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.16 0.77 0.00	16.47 0.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.23 0.82 0.00	21.37 0.84 0.00	19.42 0.81 0.00	19.66 0.79 0.00	19.97 0.70 0.00	19.34 0.64 0.00	17.76 0.58 0.00	19.16 0.64 0.00	18.90 0.61 0.00	19.97 0.67 0.00	21.17 0.88 0.00	22.74 1.00 0.00	20.19 0.90 0.00	18.45 0.85 0.00	18.95 0.86 0.00	19.13 0.84 0.00	19.23 0.87 0.00	20.09 0.95 0.00	17.99 0.85 0.00	17.04 0.81 0.00	16.92 0.80 0.00	17.67 0.84 0.00	16.17 0.78 0.00	16.48 0.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.21 0.79 0.00	21.35 0.82 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.95 0.68 0.00	19.32 0.62 0.00	17.74 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.83 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.21 0.85 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
FARRAGUT___LBMP 323566	21.19 0.78 0.00	21.33 0.80 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.94 0.66 0.00	19.31 0.61 0.00	17.73 0.55 0.00	19.12 0.61 0.00	18.87 0.58 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.10 0.81 0.00	19.20 0.84 0.00	20.05 0.92 0.00	17.96 0.82 0.00	17.01 0.78 0.00	16.89 0.77 0.00	17.64 0.81 0.00	16.15 0.76 0.00	16.45 0.76 0.00
FENNER___WINDPWR 24204	20.62 0.21 0.00	20.74 0.21 0.00	18.78 0.17 0.00	19.04 0.17 0.00	19.48 0.20 0.00	18.91 0.21 0.00	17.41 0.22 0.00	18.77 0.26 0.00	18.54 0.25 0.00	19.54 0.24 0.00	20.51 0.22 0.00	21.93 0.19 0.00	19.35 0.06 0.00	17.63 0.02 0.00	18.17 0.07 0.00	18.42 0.13 0.00	18.55 0.19 0.00	19.32 0.18 0.00	17.25 0.11 0.00	16.31 0.08 0.00	16.19 0.06 0.00	16.86 0.03 0.00	15.41 0.03 0.00	15.69 -0.01 0.00
FIBERTEK___ENERGY 23856	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
FITZPATRICK___ 23598	19.71 -0.71 0.00	19.82 -0.71 0.00	17.96 -0.65 0.00	18.20 -0.66 0.00	18.63 -0.65 0.00	18.08 -0.62 0.00	16.63 -0.55 0.00	17.90 -0.61 0.00	17.67 -0.62 0.00	18.63 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.67 0.00	17.70 -0.66 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.57 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.14 -0.56 0.00
FLOWRFLD_69_KV_BK1 356044	21.74 1.33 0.00	21.84 1.31 0.00	19.89 1.28 0.00	20.14 1.27 0.00	20.48 1.20 0.00	19.73 1.03 0.00	18.13 0.95 0.00	19.46 0.95 0.00	19.31 1.02 0.00	20.38 1.08 0.00	21.72 1.43 0.00	23.30 1.57 0.00	20.71 1.43 0.00	19.21 1.31 -0.30	39.45 1.35 -20.00	19.54 1.25 0.00	19.73 1.37 0.00	20.59 1.45 0.00	18.42 1.28 0.00	17.83 1.29 -0.31	17.28 1.15 0.00	18.05 1.23 0.00	17.02 1.24 -0.39	16.90 1.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.26 0.84 0.00	21.39 0.86 0.00	19.39 0.79 0.00	19.66 0.80 0.00	20.02 0.74 0.00	19.42 0.71 0.00	17.84 0.65 0.00	19.23 0.72 0.00	18.99 0.70 0.00	20.07 0.77 0.00	21.21 0.92 0.00	22.77 1.03 0.00	20.20 0.92 0.00	18.45 0.85 0.00	18.96 0.87 0.00	19.17 0.88 0.00	19.29 0.92 0.00	20.16 1.02 0.00	18.07 0.93 0.00	17.11 0.88 0.00	16.98 0.85 0.00	17.72 0.90 0.00	16.21 0.82 0.00	16.49 0.79 0.00
FORT ORANGE___ 23900	20.67 0.26 0.00	20.79 0.26 0.00	18.88 0.27 0.00	19.13 0.27 0.00	19.50 0.22 0.00	18.94 0.23 0.00	17.43 0.25 0.00	18.73 0.21 0.00	18.53 0.24 0.00	19.54 0.23 0.00	20.51 0.22 0.00	21.98 0.25 0.00	19.51 0.22 0.00	17.87 0.27 0.00	18.38 0.29 0.00	18.59 0.30 0.00	18.67 0.31 0.00	19.48 0.34 0.00	17.45 0.30 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.16 0.34 0.00	15.69 0.31 0.00	16.02 0.32 0.00
FORT_DRUM_COGEN 23780	20.27 -0.14 0.00	20.37 -0.16 0.00	18.40 -0.20 0.00	18.54 -0.33 0.00	19.04 -0.23 0.00	18.50 -0.20 0.00	17.03 -0.15 0.00	18.41 -0.11 0.00	18.20 -0.09 0.00	19.11 -0.19 0.00	20.07 -0.22 0.00	21.52 -0.22 0.00	19.05 -0.24 0.00	17.14 -0.47 0.00	17.63 -0.46 0.00	17.84 -0.45 0.00	18.07 -0.28 0.00	18.88 -0.25 0.00	16.65 -0.49 0.00	15.71 -0.52 0.00	15.75 -0.38 0.00	16.39 -0.43 0.00	15.01 -0.38 0.00	15.15 -0.55 0.00
FOX_HILLS___ESR 323835	21.35 0.94 0.00	21.49 0.96 0.00	19.52 0.91 0.00	19.76 0.90 0.00	20.08 0.80 0.00	19.45 0.74 0.00	17.87 0.69 0.00	19.26 0.75 0.00	19.00 0.72 0.00	20.07 0.76 0.00	21.23 0.94 0.00	22.77 1.03 0.00	20.23 0.94 0.00	18.50 0.89 0.00	19.00 0.91 0.00	19.18 0.89 -0.01	22.94 0.89 -3.69	88.34 0.99 -68.22	81.15 0.91 -63.10	19.58 0.88 -2.47	17.01 0.87 -0.01	17.75 0.92 -0.01	16.25 0.86 0.00	16.55 0.85 0.00
FPL_FAR_ROCK_GT1 24212	21.58 1.17 0.00	21.71 1.18 0.00	19.73 1.12 0.00	20.01 1.14 0.00	20.33 1.06 0.00	19.63 0.93 0.00	18.04 0.86 0.00	19.43 0.92 0.00	19.22 0.93 0.00	20.28 0.98 0.00	21.56 1.27 0.00	23.18 1.44 0.00	20.59 1.30 0.00	19.13 1.23 -0.30	39.34 1.25 -20.00	19.47 1.18 0.00	19.61 1.25 0.00	20.48 1.34 0.00	18.38 1.23 0.00	17.75 1.20 -0.31	17.27 1.14 0.00	18.02 1.20 0.00	16.90 1.12 -0.39	16.80 1.10 0.00
FPL_FAR_ROCK_GT2 23815	21.58 1.17 0.00	21.71 1.18 0.00	19.73 1.12 0.00	20.01 1.14 0.00	20.33 1.06 0.00	19.63 0.93 0.00	18.04 0.86 0.00	19.43 0.92 0.00	19.22 0.93 0.00	20.28 0.98 0.00	21.56 1.27 0.00	23.18 1.44 0.00	20.59 1.30 0.00	19.13 1.23 -0.30	39.34 1.25 -20.00	19.47 1.18 0.00	19.61 1.25 0.00	20.48 1.34 0.00	18.38 1.23 0.00	17.75 1.20 -0.31	17.27 1.14 0.00	18.02 1.20 0.00	16.90 1.12 -0.39	16.80 1.10 0.00

FRANKLIN_FALL_HYD 24054	21.03 0.62 0.00	21.12 0.60 0.00	19.13 0.52 0.00	19.39 0.53 0.00	19.84 0.56 0.00	19.26 0.56 0.00	17.71 0.53 0.00	19.14 0.62 0.00	18.99 0.70 0.00	20.06 0.75 0.00	21.05 0.76 0.00	22.54 0.81 0.00	20.02 0.74 0.00	18.24 0.64 0.00	18.73 0.64 0.00	18.91 0.62 0.00	18.95 0.59 0.00	19.72 0.59 0.00	17.64 0.50 0.00	16.73 0.50 0.00	16.65 0.52 0.00	17.38 0.56 0.00	15.86 0.48 0.00	16.14 0.45 0.00
FREEPORT_EQUS_GT1 23764	21.51 1.10 0.00	21.62 1.09 0.00	19.66 1.06 0.00	19.93 1.08 0.00	20.27 0.99 0.00	19.55 0.84 0.00	17.98 0.79 0.00	19.35 0.83 0.00	19.15 0.86 0.00	20.20 0.90 0.00	21.50 1.21 0.00	23.09 1.35 0.00	20.51 1.22 0.00	19.05 1.15 -0.30	39.28 1.18 -20.00	19.38 1.10 0.00	19.54 1.18 0.00	20.41 1.27 0.00	18.30 1.16 0.00	17.69 1.14 -0.31	17.19 1.06 0.00	17.95 1.13 0.00	16.86 1.07 -0.39	16.75 1.05 0.00
FREEPORT___CT2 23818	21.51 1.10 0.00	21.62 1.09 0.00	19.66 1.06 0.00	19.93 1.08 0.00	20.27 0.99 0.00	19.55 0.84 0.00	17.98 0.79 0.00	19.35 0.83 0.00	19.15 0.86 0.00	20.20 0.90 0.00	21.50 1.21 0.00	23.09 1.35 0.00	20.51 1.22 0.00	19.05 1.15 -0.30	39.28 1.18 -20.00	19.38 1.10 0.00	19.54 1.18 0.00	20.41 1.27 0.00	18.30 1.16 0.00	17.69 1.14 -0.31	17.19 1.06 0.00	17.95 1.13 0.00	16.86 1.07 -0.39	16.75 1.05 0.00
FRESHKLS_33_KV_LOAD 356253	21.33 0.92 0.00	21.48 0.95 0.00	19.51 0.90 0.00	19.75 0.88 0.00	20.07 0.80 0.00	19.44 0.73 0.00	17.87 0.68 0.00	19.26 0.74 0.00	18.99 0.70 0.00	20.04 0.74 0.00	21.18 0.89 0.00	22.71 0.97 0.00	20.17 0.88 0.00	18.45 0.84 0.00	18.95 0.86 0.00	19.14 0.84 -0.01	22.89 0.83 -3.69	88.30 0.95 -68.22	81.13 0.88 -63.10	19.56 0.86 -2.47	16.99 0.85 -0.01	17.74 0.91 -0.01	16.23 0.84 0.00	16.54 0.84 0.00
FULTON COGEN____ 23766	19.85 -0.56 0.00	19.95 -0.57 0.00	18.08 -0.52 0.00	18.32 -0.54 0.00	18.76 -0.52 0.00	18.21 -0.49 0.00	16.75 -0.43 0.00	18.05 -0.47 0.00	17.81 -0.48 0.00	18.78 -0.52 0.00	19.70 -0.59 0.00	21.06 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.56 0.00	17.53 -0.56 0.00	17.75 -0.54 0.00	17.84 -0.52 0.00	18.62 -0.52 0.00	16.68 -0.47 0.00	15.79 -0.44 0.00	15.68 -0.45 0.00	16.32 -0.50 0.00	14.94 -0.45 0.00	15.23 -0.47 0.00
FULTON___LFGE 323630	22.30 1.90 0.00	22.38 1.85 0.00	20.25 1.64 0.00	20.51 1.64 0.00	21.00 1.72 0.00	20.42 1.72 0.00	18.77 1.59 0.00	20.33 1.81 0.00	20.11 1.82 0.00	21.21 1.91 0.00	22.23 1.94 0.00	23.63 1.90 0.00	20.85 1.56 0.00	19.09 1.48 0.00	19.55 1.45 0.00	19.98 1.69 0.00	20.22 1.86 0.00	21.08 1.95 0.00	18.86 1.72 0.00	17.86 1.62 0.00	17.74 1.61 0.00	18.47 1.65 0.00	16.81 1.43 0.00	17.04 1.34 0.00
G.F.CEMENT___DRP 24184	21.32 0.91 0.00	21.43 0.90 0.00	19.35 0.75 0.00	19.64 0.78 0.00	20.04 0.76 0.00	19.50 0.80 0.00	17.86 0.68 0.00	19.31 0.79 0.00	19.17 0.88 0.00	20.28 0.98 0.00	21.31 1.02 0.00	22.83 1.09 0.00	20.20 0.91 0.00	18.43 0.82 0.00	19.00 0.90 0.00	19.23 0.94 0.00	19.34 0.98 0.00	20.15 1.01 0.00	18.03 0.88 0.00	17.03 0.80 0.00	16.89 0.76 0.00	17.68 0.86 0.00	16.16 0.77 0.00	16.38 0.68 0.00
GARDENVILLE___LBMP 24039	19.27 -1.14 0.00	19.38 -1.15 0.00	17.52 -1.09 0.00	17.77 -1.09 0.00	18.38 -0.89 0.00	17.82 -0.88 0.00	16.44 -0.75 0.00	17.72 -0.80 0.00	17.45 -0.84 0.00	18.34 -0.96 0.00	19.10 -1.19 0.00	20.48 -1.26 0.00	18.17 -1.12 0.00	16.55 -1.06 0.00	16.96 -1.14 0.00	17.09 -1.20 0.00	17.03 -1.34 0.00	17.76 -1.38 0.00	15.96 -1.18 0.00	15.10 -1.14 0.00	15.02 -1.11 0.00	15.48 -1.34 0.00	14.15 -1.24 0.00	14.52 -1.19 0.00
GARDNVLA_35_KV_LD 355827	19.36 -1.05 0.00	19.47 -1.06 0.00	17.59 -1.02 0.00	17.84 -1.02 0.00	18.46 -0.81 0.00	17.90 -0.80 0.00	16.51 -0.67 0.00	17.80 -0.71 0.00	17.53 -0.76 0.00	18.43 -0.87 0.00	19.19 -1.10 0.00	20.58 -1.16 0.00	18.25 -1.04 0.00	16.63 -0.97 0.00	17.05 -1.05 0.00	17.18 -1.11 0.00	17.13 -1.23 0.00	17.87 -1.27 0.00	16.06 -1.09 0.00	15.19 -1.04 0.00	15.12 -1.01 0.00	15.58 -1.25 0.00	14.23 -1.16 0.00	14.58 -1.12 0.00
GELCKHM___115KV_LOAD 80723	20.01 -0.40 0.00	20.12 -0.41 0.00	18.22 -0.38 0.00	18.47 -0.39 0.00	18.91 -0.36 0.00	18.36 -0.35 0.00	16.89 -0.30 0.00	18.20 -0.32 0.00	17.96 -0.33 0.00	18.93 -0.37 0.00	19.86 -0.44 0.00	21.25 -0.49 0.00	18.85 -0.44 0.00	17.20 -0.41 0.00	17.68 -0.41 0.00	17.90 -0.39 0.00	17.99 -0.37 0.00	18.76 -0.38 0.00	16.81 -0.33 0.00	15.91 -0.32 0.00	15.81 -0.32 0.00	16.45 -0.37 0.00	15.06 -0.33 0.00	15.36 -0.34 0.00
GENERAL___MILLS 23808	19.34 -1.07 0.00	19.45 -1.08 0.00	17.57 -1.03 0.00	17.83 -1.04 0.00	18.45 -0.83 0.00	17.89 -0.82 0.00	16.50 -0.69 0.00	17.78 -0.73 0.00	17.51 -0.78 0.00	18.41 -0.89 0.00	19.17 -1.12 0.00	20.55 -1.19 0.00	18.23 -1.06 0.00	16.61 -1.00 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.10 -1.26 0.00	17.84 -1.30 0.00	16.02 -1.12 0.00	15.17 -1.07 0.00	15.09 -1.03 0.00	15.56 -1.27 0.00	14.21 -1.18 0.00	14.57 -1.13 0.00
GE_PLASTICS___DRP 24183	20.64 0.23 0.00	20.77 0.25 0.00	18.85 0.24 0.00	19.10 0.24 0.00	19.48 0.20 0.00	18.90 0.20 0.00	17.38 0.19 0.00	18.68 0.17 0.00	18.48 0.19 0.00	19.49 0.19 0.00	20.50 0.21 0.00	21.98 0.25 0.00	19.51 0.22 0.00	17.85 0.24 0.00	18.35 0.26 0.00	18.56 0.27 0.00	18.62 0.26 0.00	19.42 0.29 0.00	17.40 0.26 0.00	16.50 0.26 0.00	16.37 0.24 0.00	17.10 0.28 0.00	15.65 0.26 0.00	15.98 0.28 0.00
GILBOA___1 23756	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.35 0.00	19.22 0.35 0.00	19.60 0.33 0.00	18.98 0.28 0.00	17.41 0.22 0.00	18.75 0.24 0.00	18.53 0.23 0.00	19.56 0.26 0.00	20.61 0.32 0.00	22.10 0.36 0.00	19.60 0.31 0.00	17.90 0.30 0.00	18.40 0.31 0.00	18.60 0.31 0.00	18.68 0.32 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.14 0.31 0.00	15.69 0.29 0.00	16.05 0.35 0.00
GILBOA___2 23757	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.35 0.00	19.22 0.35 0.00	19.60 0.33 0.00	18.98 0.28 0.00	17.41 0.22 0.00	18.75 0.24 0.00	18.53 0.23 0.00	19.56 0.26 0.00	20.61 0.32 0.00	22.10 0.36 0.00	19.60 0.31 0.00	17.90 0.30 0.00	18.40 0.31 0.00	18.60 0.31 0.00	18.68 0.32 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.14 0.31 0.00	15.69 0.29 0.00	16.05 0.35 0.00
GILBOA___3 23758	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.35 0.00	19.22 0.35 0.00	19.60 0.33 0.00	18.98 0.28 0.00	17.41 0.22 0.00	18.75 0.24 0.00	18.53 0.23 0.00	19.56 0.26 0.00	20.61 0.32 0.00	22.10 0.36 0.00	19.60 0.31 0.00	17.90 0.30 0.00	18.40 0.31 0.00	18.60 0.31 0.00	18.68 0.32 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.14 0.31 0.00	15.69 0.29 0.00	16.05 0.35 0.00

GILBOA___4 23759	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.35 0.00	19.22 0.35 0.00	19.60 0.33 0.00	18.98 0.28 0.00	17.41 0.22 0.00	18.75 0.24 0.00	18.53 0.23 0.00	19.56 0.26 0.00	20.61 0.32 0.00	22.10 0.36 0.00	19.60 0.31 0.00	17.90 0.30 0.00	18.40 0.31 0.00	18.60 0.31 0.00	18.68 0.32 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.14 0.31 0.00	15.69 0.29 0.00	16.05 0.35 0.00
GILBOA____ 23599	20.78 0.37 0.00	20.92 0.38 0.00	18.96 0.35 0.00	19.22 0.36 0.00	19.60 0.33 0.00	18.98 0.28 0.00	17.41 0.22 0.00	18.75 0.24 0.00	18.52 0.23 0.00	19.56 0.26 0.00	20.61 0.32 0.00	22.11 0.37 0.00	19.60 0.32 0.00	17.90 0.30 0.00	18.40 0.31 0.00	18.60 0.31 0.00	18.68 0.32 0.00	19.49 0.36 0.00	17.47 0.32 0.00	16.54 0.31 0.00	16.42 0.29 0.00	17.14 0.32 0.00	15.69 0.30 0.00	16.05 0.35 0.00
GINNA____ 23603	18.75 -1.66 0.00	18.84 -1.69 0.00	17.06 -1.54 0.00	17.30 -1.56 0.00	17.80 -1.48 0.00	17.29 -1.42 0.00	15.93 -1.25 0.00	17.16 -1.36 0.00	16.95 -1.34 0.00	17.82 -1.49 0.00	18.58 -1.71 0.00	19.87 -1.87 0.00	17.63 -1.66 0.00	16.10 -1.51 0.00	16.54 -1.55 0.00	16.73 -1.56 0.00	16.80 -1.56 0.00	17.54 -1.59 0.00	15.75 -1.40 0.00	14.91 -1.32 0.00	14.82 -1.30 0.00	15.35 -1.47 0.00	14.03 -1.36 0.00	14.34 -1.36 0.00
GLEN PARK____ 23778	20.25 -0.16 0.00	20.35 -0.18 0.00	18.38 -0.22 0.00	18.52 -0.34 0.00	19.02 -0.25 0.00	18.48 -0.22 0.00	17.02 -0.16 0.00	18.40 -0.12 0.00	18.20 -0.09 0.00	19.11 -0.19 0.00	20.07 -0.22 0.00	21.50 -0.24 0.00	19.03 -0.26 0.00	17.10 -0.51 0.00	17.59 -0.50 0.00	17.81 -0.48 0.00	18.09 -0.27 0.00	18.90 -0.23 0.00	16.68 -0.46 0.00	15.74 -0.49 0.00	15.77 -0.35 0.00	16.41 -0.41 0.00	15.02 -0.37 0.00	15.15 -0.55 0.00
GLENDALE_27_KV_LOAD 356172	21.36 0.95 0.00	21.50 0.98 0.00	19.53 0.93 0.00	19.77 0.91 0.00	20.10 0.82 0.00	19.46 0.75 0.00	17.88 0.69 0.00	19.27 0.76 0.00	19.02 0.73 0.00	20.10 0.79 0.00	21.29 1.01 0.00	22.86 1.13 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.23 0.94 0.00	19.32 0.96 0.00	20.19 1.05 0.00	18.09 0.95 0.00	17.13 0.90 0.00	17.01 0.88 0.00	17.75 0.93 0.00	16.26 0.87 0.00	16.56 0.86 0.00
GLENWOOD_IC_1_G5 23712	21.48 1.07 0.00	21.61 1.08 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.25 0.97 0.00	19.54 0.84 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.18 0.88 0.00	21.46 1.18 0.00	23.05 1.32 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.25 1.16 -20.00	19.37 1.08 0.00	19.52 1.16 0.00	20.37 1.24 0.00	18.27 1.13 0.00	17.66 1.12 -0.31	17.18 1.06 0.00	17.93 1.11 0.00	16.83 1.06 -0.39	16.73 1.03 0.00
GLENWOOD_IC_2_G1 23688	21.43 1.02 0.00	21.55 1.03 0.00	19.59 0.98 0.00	19.87 1.01 0.00	20.20 0.92 0.00	19.50 0.80 0.00	17.93 0.74 0.00	19.30 0.79 0.00	19.08 0.80 0.00	20.14 0.83 0.00	21.40 1.11 0.00	22.99 1.26 0.00	20.42 1.13 0.00	18.98 1.08 -0.30	39.20 1.11 -20.00	19.32 1.03 0.00	19.46 1.10 0.00	20.31 1.17 0.00	18.22 1.08 0.00	17.61 1.06 -0.31	17.13 1.00 0.00	17.88 1.06 0.00	16.79 1.01 -0.39	16.68 0.98 0.00
GLENWOOD_IC_3_G1 23689	21.43 1.02 0.00	21.55 1.03 0.00	19.59 0.98 0.00	19.87 1.01 0.00	20.20 0.92 0.00	19.50 0.80 0.00	17.93 0.74 0.00	19.30 0.79 0.00	19.08 0.80 0.00	20.14 0.83 0.00	21.40 1.11 0.00	22.99 1.26 0.00	20.42 1.13 0.00	18.98 1.08 -0.30	39.20 1.11 -20.00	19.32 1.03 0.00	19.46 1.10 0.00	20.31 1.17 0.00	18.22 1.08 0.00	17.61 1.06 -0.31	17.13 1.00 0.00	17.88 1.06 0.00	16.79 1.01 -0.39	16.68 0.98 0.00
GLENWOOD___4 23550	21.48 1.07 0.00	21.61 1.08 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.25 0.97 0.00	19.54 0.84 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.18 0.88 0.00	21.46 1.18 0.00	23.05 1.32 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.25 1.16 -20.00	19.37 1.08 0.00	19.52 1.16 0.00	20.37 1.24 0.00	18.27 1.13 0.00	17.66 1.12 -0.31	17.18 1.06 0.00	17.93 1.11 0.00	16.83 1.06 -0.39	16.73 1.03 0.00
GLENWOOD___5 23614	21.48 1.07 0.00	21.61 1.08 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.25 0.97 0.00	19.54 0.84 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.18 0.88 0.00	21.46 1.18 0.00	23.05 1.32 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.25 1.16 -20.00	19.37 1.08 0.00	19.52 1.16 0.00	20.37 1.24 0.00	18.27 1.13 0.00	17.66 1.12 -0.31	17.18 1.06 0.00	17.93 1.11 0.00	16.83 1.06 -0.39	16.73 1.03 0.00
GLOBAL GREEN_PORT_GT1 23814	22.34 1.93 0.00	22.41 1.89 0.00	20.41 1.80 0.00	20.67 1.81 0.00	21.04 1.76 0.00	20.28 1.57 0.00	18.65 1.47 0.00	19.95 1.43 0.00	19.91 1.62 0.00	21.00 1.69 0.00	22.29 2.00 0.00	23.83 2.09 0.00	21.17 1.88 0.00	19.62 1.72 -0.30	39.88 1.79 -20.00	19.98 1.69 0.00	20.25 1.89 0.00	21.15 2.01 0.00	18.89 1.74 0.00	18.34 1.79 -0.31	17.68 1.55 0.00	18.44 1.61 0.00	17.50 1.72 -0.39	17.34 1.64 0.00
GLOBE___DSASP 323697	18.58 -1.83 0.00	18.69 -1.84 0.00	16.90 -1.71 0.00	17.14 -1.72 0.00	17.76 -1.52 0.00	17.22 -1.49 0.00	15.87 -1.31 0.00	17.08 -1.44 0.00	16.83 -1.46 0.00	17.66 -1.64 0.00	18.38 -1.91 0.00	19.70 -2.04 0.00	17.51 -1.78 0.00	15.97 -1.63 0.00	16.34 -1.75 0.00	16.46 -1.84 0.00	16.37 -1.99 0.00	17.09 -2.05 0.00	15.40 -1.74 0.00	14.61 -1.62 0.00	14.56 -1.57 0.00	14.98 -1.84 0.00	13.69 -1.70 0.00	14.07 -1.63 0.00
GOETHSLN___LBMP 323567	21.08 0.67 0.00	21.22 0.69 0.00	19.30 0.69 0.00	19.54 0.67 0.00	19.84 0.56 0.00	19.22 0.51 0.00	17.65 0.47 0.00	19.03 0.51 0.00	18.78 0.49 0.00	19.84 0.53 0.00	21.02 0.73 0.00	22.58 0.85 0.00	20.07 0.78 0.00	18.34 0.73 0.00	18.83 0.74 0.00	19.01 0.72 0.00	19.11 0.76 0.00	19.96 0.83 0.00	17.88 0.74 0.00	16.94 0.70 0.00	16.82 0.69 0.00	17.56 0.73 0.00	16.07 0.68 0.00	16.38 0.68 0.00
GOLAH___69_KV_TB 1_2 80279	19.57 -0.84 0.00	19.67 -0.86 0.00	17.79 -0.82 0.00	18.04 -0.82 0.00	18.59 -0.69 0.00	18.05 -0.65 0.00	16.65 -0.54 0.00	17.97 -0.55 0.00	17.72 -0.57 0.00	18.61 -0.69 0.00	19.38 -0.91 0.00	20.70 -1.04 0.00	18.36 -0.93 0.00	16.75 -0.85 0.00	17.19 -0.90 0.00	17.39 -0.90 0.00	17.45 -0.91 0.00	18.24 -0.90 0.00	16.39 -0.75 0.00	15.53 -0.70 0.00	15.45 -0.68 0.00	15.98 -0.85 0.00	14.59 -0.79 0.00	14.93 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	21.11 0.70 0.00	21.22 0.69 0.00	19.21 0.61 0.00	19.48 0.62 0.00	19.92 0.64 0.00	19.32 0.61 0.00	17.75 0.56 0.00	19.15 0.63 0.00	18.90 0.62 0.00	19.95 0.65 0.00	20.98 0.69 0.00	22.44 0.70 0.00	19.89 0.60 0.00	18.13 0.53 0.00	18.63 0.54 0.00	18.84 0.55 0.00	18.95 0.59 0.00	19.76 0.62 0.00	17.68 0.54 0.00	16.72 0.49 0.00	16.60 0.47 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.13 0.43 0.00

GOUDEY___7 235031	20.21 -0.20 0.00	20.34 -0.19 0.00	18.41 -0.20 0.00	18.67 -0.20 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.07 -0.12 0.00	18.42 -0.09 0.00	18.17 -0.12 0.00	19.16 -0.14 0.00	20.10 -0.19 0.00	21.53 -0.21 0.00	19.06 -0.23 0.00	17.36 -0.25 0.00	17.85 -0.24 0.00	18.05 -0.24 0.00	18.14 -0.22 0.00	18.93 -0.21 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.90 -0.22 0.00	16.56 -0.26 0.00	15.15 -0.23 0.00	15.46 -0.24 0.00
GOUDEY___7 23579	20.23 -0.18 0.00	20.36 -0.17 0.00	18.42 -0.19 0.00	18.68 -0.18 0.00	19.15 -0.13 0.00	18.56 -0.14 0.00	17.08 -0.11 0.00	18.44 -0.08 0.00	18.19 -0.10 0.00	19.18 -0.13 0.00	20.11 -0.18 0.00	21.54 -0.19 0.00	19.08 -0.21 0.00	17.37 -0.23 0.00	17.87 -0.22 0.00	18.07 -0.22 0.00	18.15 -0.21 0.00	18.95 -0.19 0.00	16.97 -0.17 0.00	16.04 -0.19 0.00	15.92 -0.21 0.00	16.57 -0.25 0.00	15.17 -0.22 0.00	15.48 -0.22 0.00
GOUDEY___8 23580	20.21 -0.20 0.00	20.34 -0.19 0.00	18.41 -0.20 0.00	18.67 -0.20 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.07 -0.12 0.00	18.42 -0.09 0.00	18.17 -0.12 0.00	19.16 -0.14 0.00	20.10 -0.19 0.00	21.53 -0.21 0.00	19.06 -0.23 0.00	17.36 -0.25 0.00	17.85 -0.24 0.00	18.05 -0.24 0.00	18.14 -0.22 0.00	18.93 -0.21 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.90 -0.22 0.00	16.56 -0.26 0.00	15.15 -0.23 0.00	15.46 -0.24 0.00
GOWANUS_GT1_1 24077	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT1_2 24078	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT1_3 24079	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT1_4 24080	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT1_5 24084	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	1																		

GOWANUS_GT2_5 24118	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT2_6 24119	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT2_7 24120	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT2_8 24121	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_1 24122	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_2 24123	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_3 24124	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_4 24125	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_5 24126	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_6 24127	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_7 24128	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT3_8 24129	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_1 24130	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_2 24131	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_3 24132	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00

GOWANUS_GT4_4 24133	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_5 24134	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_6 24135	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_7 24136	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GOWANUS_GT4_8 24137	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GREENBSH_115KV_TB3 55895	20.54 0.13 0.00	20.67 0.14 0.00	18.77 0.16 0.00	19.02 0.16 0.00	19.38 0.11 0.00	18.83 0.12 0.00	17.32 0.14 0.00	18.59 0.08 0.00	18.40 0.11 0.00	19.41 0.10 0.00	20.40 0.11 0.00	21.88 0.14 0.00	19.42 0.13 0.00	17.79 0.18 0.00	18.29 0.19 0.00	18.49 0.20 0.00	18.55 0.18 0.00	19.34 0.21 0.00	17.33 0.19 0.00	16.43 0.19 0.00	16.31 0.18 0.00	17.05 0.23 0.00	15.60 0.21 0.00	15.94 0.24 0.00
GREENDGE_115KV_TB5 80291	20.05 -0.36 0.00	20.11 -0.41 0.00	18.18 -0.43 0.00	18.44 -0.42 0.00	18.97 -0.31 0.00	18.40 -0.30 0.00	16.97 -0.21 0.00	18.34 -0.18 0.00	18.10 -0.19 0.00	19.06 -0.25 0.00	19.87 -0.42 0.00	21.25 -0.49 0.00	18.78 -0.51 0.00	17.11 -0.50 0.00	17.61 -0.48 0.00	17.84 -0.45 0.00	17.93 -0.43 0.00	18.71 -0.43 0.00	16.76 -0.38 0.00	15.84 -0.39 0.00	15.71 -0.41 0.00	16.29 -0.54 0.00	14.88 -0.51 0.00	15.25 -0.45 0.00
GREENIDGE___3 23582	20.05 -0.36 0.00	20.11 -0.41 0.00	18.18 -0.43 0.00	18.44 -0.42 0.00	18.97 -0.31 0.00	18.40 -0.30 0.00	16.97 -0.21 0.00	18.34 -0.18 0.00	18.10 -0.19 0.00	19.06 -0.25 0.00	19.87 -0.42 0.00	21.25 -0.49 0.00	18.78 -0.51 0.00	17.11 -0.50 0.00	17.61 -0.48 0.00	17.84 -0.45 0.00	17.93 -0.43 0.00	18.71 -0.43 0.00	16.76 -0.38 0.00	15.84 -0.39 0.00	15.71 -0.41 0.00	16.29 -0.54 0.00	14.88 -0.51 0.00	15.25 -0.45 0.00
GREENIDGE___4 23583	20.05 -0.36 0.00	20.11 -0.41 0.00	18.18 -0.43 0.00	18.44 -0.42 0.00	18.97 -0.31 0.00	18.40 -0.30 0.00	16.97 -0.21 0.00	18.32 -0.20 0.00	18.09 -0.20 0.00	19.06 -0.25 0.00	19.88 -0.42 0.00	21.24 -0.49 0.00	18.78 -0.51 0.00	17.11 -0.50 0.00	17.61 -0.48 0.00	17.83 -0.45 0.00	17.93 -0.43 0.00	18.72 -0.42 0.00	16.76 -0.38 0.00	15.84 -0.39 0.00	15.72 -0.41 0.00	16.29 -0.54 0.00	14.88 -0.51 0.00	15.26 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	21.44 1.03 0.00	21.56 1.03 0.00	19.63 1.03 0.00	19.90 1.04 0.00	20.23 0.96 0.00	19.50 0.79 0.00	17.92 0.74 0.00	19.27 0.76 0.00	19.06 0.77 0.00	20.11 0.80 0.00	21.41 1.12 0.00	23.00 1.27 0.00	20.43 1.15 0.00	18.98 1.08 -0.30	39.20 1.11 -20.00	19.27 0.98 0.00	19.42 1.06 0.00	20.28 1.14 0.00	18.17 1.03 0.00	17.56 1.01 -0.31	17.05 0.92 0.00	17.82 0.99 0.00	16.75 0.97 -0.39	16.66 0.96 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
GRISSOM___SOLAR 323813	22.30 1.90 0.00	22.38 1.85 0.00	20.25 1.64 0.00	20.51 1.64 0.00	21.00 1.72 0.00	20.42 1.72 0.00	18.77 1.59 0.00	20.33 1.81 0.00	20.11 1.82 0.00	21.21 1.91 0.00	22.23 1.94 0.00	23.63 1.90 0.00	20.85 1.56 0.00	19.09 1.48 0.00	19.55 1.45 0.00	19.98 1.69 0.00	20.22 1.86 0.00	21.08 1.95 0.00	18.86 1.72 0.00	17.86 1.62 0.00	17.74 1.61 0.00	18.47 1.65 0.00	16.81 1.43 0.00	17.04 1.34 0.00
GROVEVILLE___HYD 323602	21.26 0.84 0.00	21.39 0.86 0.00	19.39 0.79 0.00	19.66 0.80 0.00	20.02 0.74 0.00	19.42 0.71 0.00	17.84 0.65 0.00	19.23 0.72 0.00	18.99 0.70 0.00	20.07 0.77 0.00	21.21 0.92 0.00	22.77 1.03 0.00	20.20 0.92 0.00	18.45 0.85 0.00	18.96 0.87 0.00	19.17 0.88 0.00	19.29 0.92 0.00	20.16 1.02 0.00	18.07 0.93 0.00	17.11 0.88 0.00	16.98 0.85 0.00	17.72 0.90 0.00	16.21 0.82 0.00	16.49 0.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	20.09 -0.31 0.00	20.20 -0.33 0.00	18.30 -0.31 0.00	18.55 -0.32 0.00	19.00 -0.28 0.00	18.44 -0.26 0.00	16.97 -0.21 0.00	18.30 -0.22 0.00	18.06 -0.23 0.00	19.04 -0.26 0.00	19.93 -0.36 0.00	21.32 -0.41 0.00	18.91 -0.38 0.00	17.25 -0.36 0.00	17.74 -0.34 0.00	17.97 -0.32 0.00	18.07 -0.28 0.00	18.86 -0.28 0.00	16.90 -0.24 0.00	16.00 -0.23 0.00	15.88 -0.24 0.00	16.52 -0.30 0.00	15.11 -0.27 0.00	15.42 -0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.59 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.21 0.00	19.10 -0.19 0.00	17.31 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00
HARDSCRABBLE_WT_PWR 323673	20.33 -0.08 0.00	20.45 -0.07 0.00	18.52 -0.08 0.00	18.77 -0.09 0.00	19.12 -0.16 0.00	18.56 -0.14 0.00	17.04 -0.15 0.00	18.35 -0.17 0.00	18.18 -0.11 0.00	19.23 -0.08 0.00	20.26 -0.03 0.00	21.72 -0.02 0.00	19.18 -0.11 0.00	17.52 -0.09 0.00	18.00 -0.09 0.00	18.20 -0.09 0.00	18.28 -0.08 0.00	19.02 -0.12 0.00	17.02 -0.12 0.00	16.17 -0.06 0.00	16.04 -0.09 0.00	16.81 -0.01 0.00	15.37 -0.01 0.00	15.67 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.08 0.67 0.00	21.21 0.68 0.00	19.24 0.63 0.00	19.50 0.64 0.00	19.86 0.58 0.00	19.26 0.56 0.00	17.68 0.49 0.00	19.06 0.54 0.00	18.82 0.53 0.00	19.90 0.59 0.00	21.03 0.73 0.00	22.57 0.83 0.00	20.05 0.76 0.00	18.29 0.69 0.00	18.79 0.70 0.00	19.00 0.71 0.00	19.12 0.76 0.00	19.98 0.85 0.00	17.93 0.78 0.00	16.98 0.74 0.00	16.84 0.71 0.00	17.58 0.75 0.00	16.07 0.68 0.00	16.36 0.66 0.00
HARSNRAD_115KV_TB1 81005	18.92 -1.49 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.44 -1.42 0.00	18.06 -1.22 0.00	17.52 -1.19 0.00	16.15 -1.04 0.00	17.39 -1.13 0.00	17.14 -1.14 0.00	17.99 -1.32 0.00	18.71 -1.58 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.23 -1.38 0.00	16.62 -1.48 0.00	16.75 -1.54 0.00	16.69 -1.67 0.00	17.42 -1.72 0.00	15.69 -1.45 0.00	14.87 -1.36 0.00	14.82 -1.31 0.00	15.25 -1.57 0.00	13.94 -1.45 0.00	14.34 -1.36 0.00
HARZA MOOSE___RIVER 24016	20.65 0.24 0.00	20.75 0.23 0.00	18.78 0.17 0.00	18.98 0.11 0.00	19.44 0.16 0.00	18.88 0.17 0.00	17.37 0.19 0.00	18.75 0.24 0.00	18.53 0.24 0.00	19.52 0.22 0.00	20.51 0.22 0.00	21.97 0.23 0.00	19.41 0.12 0.00	17.59 -0.02 0.00	18.11 0.02 0.00	18.32 0.04 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.08 -0.06 0.00	16.09 -0.14 0.00	16.09 -0.03 0.00	16.76 -0.06 0.00	15.37 -0.02 0.00	15.60 -0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.01 -0.40 0.00	20.13 -0.40 0.00	18.23 -0.37 0.00	18.48 -0.38 0.00	18.92 -0.36 0.00	18.37 -0.34 0.00	16.90 -0.28 0.00	18.21 -0.31 0.00	17.97 -0.32 0.00	18.94 -0.37 0.00	19.86 -0.43 0.00	21.25 -0.49 0.00	18.85 -0.45 0.00	17.20 -0.41 0.00	17.69 -0.41 0.00	17.90 -0.39 0.00	17.99 -0.37 0.00	18.77 -0.37 0.00	16.82 -0.32 0.00	15.92 -0.31 0.00	15.81 -0.32 0.00	16.45 -0.37 0.00	15.06 -0.33 0.00	15.36 -0.34 0.00
HELLGATE_13_KV_LD 55870	21.29 0.88 0.00	21.43 0.91 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.04 0.76 0.00	19.40 0.69 0.00	17.81 0.63 0.00	19.21 0.70 0.00	18.95 0.66 0.00	20.02 0.71 0.00	21.22 0.92 0.00	22.76 1.02 0.00	20.22 0.93 0.00	18.48 0.87 0.00	18.98 0.88 0.00	19.15 0.86 0.00	19.23 0.87 0.00	20.09 0.95 0.00	18.00 0.86 0.00	17.05 0.81 0.00	16.93 0.80 0.00	17.68 0.85 0.00	16.19 0.80 0.00	16.50 0.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.29 0.88 0.00	21.43 0.91 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.04 0.76 0.00	19.40 0.69 0.00	17.81 0.63 0.00	19.21 0.70 0.00	18.95 0.66 0.00	20.02 0.71 0.00	21.22 0.92 0.00	22.76 1.02 0.00	20.22 0.93 0.00	18.48 0.87 0.00	18.98 0.88 0.00	19.15 0.86 0.00	19.23 0.87 0.00	20.09 0.95 0.00	18.00 0.86 0.00	17.05 0.81 0.00	16.93 0.80 0.00	17.68 0.85 0.00	16.19 0.80 0.00	16.50 0.80 0.00
HEMPSTEAD____ 23647	21.39 0.97 0.00	21.50 0.98 0.00	19.55 0.95 0.00	19.83 0.96 0.00	20.16 0.88 0.00	19.45 0.75 0.00	17.88 0.70 0.00	19.25 0.74 0.00	19.04 0.75 0.00	20.09 0.78 0.00	21.37 1.08 0.00	22.96 1.22 0.00	20.39 1.10 0.00	18.94 1.05 -0.30	39.16 1.08 -20.00	19.28 0.99 0.00	19.43 1.07 0.00	20.28 1.14 0.00	18.19 1.05 0.00	17.58 1.04 -0.31	17.09 0.97 0.00	17.85 1.03 0.00	16.76 0.98 -0.39	16.65 0.95 0.00
HEWLETT__69_KV_BK3 55828	21.49 1.08 0.00	21.62 1.10 0.00	19.65 1.05 0.00	19.92 1.07 0.00	20.25 0.98 0.00	19.56 0.86 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.19 0.88 0.00	21.47 1.18 0.00	23.07 1.33 0.00	20.50 1.21 0.00	19.05 1.15 -0.30	39.26 1.17 -20.00	19.38 1.09 0.00	19.52 1.16 0.00	20.38 1.25 0.00	18.29 1.15 0.00	17.67 1.12 -0.31	17.19 1.06 0.00	17.94 1.12 0.00	16.83 1.05 -0.39	16.73 1.03 0.00
HICKLING___1 23621	19.95 -0.45 0.00	20.07 -0.46 0.00	18.12 -0.48 0.00	18.39 -0.47 0.00	18.94 -0.34 0.00	18.35 -0.35 0.00	16.92 -0.26 0.00	18.28 -0.23 0.00	18.02 -0.27 0.00	18.99 -0.31 0.00	19.85 -0.44 0.00	21.25 -0.49 0.00	18.78 -0.51 0.00	17.08 -0.52 0.00	17.59 -0.50 0.00	17.78 -0.51 0.00	17.84 -0.52 0.00	18.58 -0.55 0.00	16.61 -0.53 0.00	15.67 -0.56 0.00	15.53 -0.59 0.00	16.12 -0.70 0.00	14.74 -0.65 0.00	15.04 -0.66 0.00
HICKLING___2 23622	19.95 -0.45 0.00	20.07 -0.46 0.00	18.12 -0.48 0.00	18.39 -0.47 0.00	18.94 -0.34 0.00	18.35 -0.35 0.00	16.92 -0.26 0.00	18.28 -0.23 0.00	18.02 -0.27 0.00	18.99 -0.31 0.00	19.85 -0.44 0.00	21.25 -0.49 0.00	18.78 -0.51 0.00	17.08 -0.52 0.00	17.59 -0.50 0.00	17.78 -0.51 0.00	17.84 -0.52 0.00	18.58 -0.55 0.00	16.61 -0.53 0.00	15.67 -0.56 0.00	15.53 -0.59 0.00	16.12 -0.70 0.00	14.74 -0.65 0.00	15.04 -0.66 0.00
HIGH FALLS___HY 23754	21.36 0.95 0.00	21.49 0.96 0.00	19.48 0.88 0.00	19.74 0.88 0.00	20.11 0.84 0.00	19.49 0.79 0.00	17.90 0.72 0.00	19.33 0.82 0.00	19.09 0.80 0.00	20.19 0.89 0.00	21.36 1.07 0.00	22.94 1.20 0.00	20.37 1.08 0.00	18.57 0.96 0.00	19.02 0.92 0.00	19.23 0.94 0.00	19.40 1.04 0.00	20.30 1.16 0.00	18.21 1.07 0.00	17.24 1.01 0.00	17.11 0.98 0.00	17.84 1.01 0.00	16.31 0.92 0.00	16.59 0.89 0.00
HILLBURN___GT 23639	21.03 0.62 0.00	21.16 0.63 0.00	19.20 0.59 0.00	19.46 0.60 0.00	19.81 0.54 0.00	19.21 0.51 0.00	17.63 0.45 0.00	19.01 0.49 0.00	18.76 0.47 0.00	19.84 0.54 0.00	20.99 0.69 0.00	22.54 0.81 0.00	20.02 0.74 0.00	18.27 0.66 0.00	18.77 0.68 0.00	18.96 0.67 0.00	19.06 0.70 0.00	19.93 0.79 0.00	17.88 0.74 0.00	16.94 0.70 0.00	16.80 0.67 0.00	17.54 0.72 0.00	16.04 0.65 0.00	16.33 0.63 0.00
HILLSIDE_115KV_TB1 80332	19.73 -0.68 0.00	19.87 -0.66 0.00	17.94 -0.66 0.00	18.21 -0.65 0.00	18.73 -0.55 0.00	18.14 -0.56 0.00	16.72 -0.47 0.00	18.08 -0.44 0.00	17.82 -0.47 0.00	18.79 -0.51 0.00	19.66 -0.63 0.00	21.07 -0.66 0.00	18.61 -0.68 0.00	16.93 -0.67 0.00	17.43 -0.66 0.00	17.61 -0.68 0.00	17.67 -0.69 0.00	18.44 -0.70 0.00	16.50 -0.64 0.00	15.57 -0.66 0.00	15.44 -0.69 0.00	16.05 -0.77 0.00	14.69 -0.69 0.00	14.99 -0.70 0.00

HISHELDN_WT_PWR 323625	19.31 -1.10 0.00	19.40 -1.13 0.00	17.52 -1.09 0.00	17.77 -1.09 0.00	18.40 -0.88 0.00	17.84 -0.87 0.00	16.43 -0.75 0.00	17.66 -0.85 0.00	17.43 -0.85 0.00	18.34 -0.97 0.00	19.13 -1.16 0.00	20.52 -1.22 0.00	18.19 -1.10 0.00	16.57 -1.04 0.00	16.99 -1.11 0.00	17.11 -1.18 0.00	17.07 -1.29 0.00	17.75 -1.39 0.00	15.89 -1.26 0.00	15.00 -1.23 0.00	14.88 -1.24 0.00	15.34 -1.48 0.00	14.01 -1.38 0.00	14.33 -1.37 0.00
HOLTSVILLE_IC_1 23690	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
HOLTSVILLE_IC_10 23699	21.82 1.41 0.00	21.90 1.38 0.00	19.95 1.35 0.00	20.21 1.35 0.00	20.56 1.28 0.00	19.80 1.10 0.00	18.20 1.02 0.00	19.53 1.01 0.00	19.38 1.09 0.00	20.46 1.15 0.00	21.79 1.50 0.00	23.36 1.62 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.49 1.40 -20.00	19.59 1.30 0.00	19.79 1.42 0.00	20.64 1.50 0.00	18.47 1.33 0.00	17.88 1.34 -0.31	17.32 1.19 0.00	18.09 1.27 0.00	17.08 1.30 -0.39	16.96 1.26 0.00
HOLTSVILLE_IC_2 23691	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
HOLTSVILLE_IC_3 23692	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
HOLTSVILLE_IC_4 23693	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
HOLTSVILLE_IC_5 23694	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
HOLTSVILLE_IC_6 23695	21.82 1.41 0.00	21.90 1.38 0.00	19.95 1.35 0.00	20.21 1.35 0.00	20.56 1.28 0.00	19.80 1.10 0.00	18.20 1.02 0.00	19.53 1.01 0.00	19.38 1.09 0.00	20.46 1.15 0.00	21.79 1.50 0.00	23.36 1.62 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.49 1.40 -20.00	19.59 1.30 0.00	19.79 1.42 0.00	20.64 1.50 0.00	18.47 1.33 0.00	17.88 1.34 -0.31	17.32 1.19 0.00	18.09 1.27 0.00	17.08 1.30 -0.39	16.96 1.26 0.00
HOLTSVILLE_IC_7 23696	21.82 1.41 0.00	21.90 1.38 0.00	19.95 1.35 0.00	20.21 1.35 0.00	20.56 1.28 0.00	19.80 1.10 0.00	18.20 1.02 0.00	19.53 1.01 0.00	19.38 1.09 0.00	20.46 1.15 0.00	21.79 1.50 0.00	23.36 1.62 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.49 1.40 -20.00	19.59 1.30 0.00	19.79 1.42 0.00	20.64 1.50 0.00	18.47 1.33 0.00	17.88 1.34 -0.31	17.32 1.19 0.00	18.09 1.27 0.00	17.08 1.30 -0.39	16.96 1.26 0.00
HOLTSVILLE_IC_8 23697	21.82 1.41 0.00	21.90 1.38 0.00	19.95 1.35 0.00	20.21 1.35 0.00	20.56 1.28 0.00	19.80 1.10 0.00	18.20 1.02 0.00	19.53 1.01 0.00	19.38 1.09 0.00	20.46 1.15 0.00	21.79 1.50 0.00	23.36 1.62 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.49 1.40 -20.00	19.59 1.30 0.00	19.79 1.42 0.00	20.64 1.50 0.00	18.47 1.33 0.00	17.88 1.34 -0.31	17.32 1.19 0.00	18.09 1.27 0.00	17.08 1.30 -0.39	16.96 1.26 0.00
HOLTSVILLE_IC_9 23698	21.82 1.41 0.00	21.90 1.38 0.00	19.95 1.35 0.00	20.21 1.35 0.00	20.56 1.28 0.00	19.80 1.10 0.00	18.20 1.02 0.00	19.53 1.01 0.00	19.38 1.09 0.00	20.46 1.15 0.00	21.79 1.50 0.00	23.36 1.62 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.49 1.40 -20.00	19.59 1.30 0.00	19.79 1.42 0.00	20.64 1.50 0.00	18.47 1.33 0.00	17.88 1.34 -0.31	17.32 1.19 0.00	18.09 1.27 0.00	17.08 1.30 -0.39	16.96 1.26 0.00
HOMER_HL_115KV_TB2 355744	19.95 -0.46 0.00	20.06 -0.46 0.00	18.13 -0.47 0.00	18.43 -0.43 0.00	19.01 -0.26 0.00	18.42 -0.29 0.00	16.98 -0.20 0.00	18.38 -0.14 0.00	18.10 -0.19 0.00	19.01 -0.29 0.00	19.81 -0.48 0.00	21.14 -0.59 0.00	18.65 -0.64 0.00	16.95 -0.65 0.00	17.37 -0.72 0.00	17.50 -0.78 0.00	17.52 -0.84 0.00	18.33 -0.81 0.00	16.46 -0.68 0.00	15.56 -0.67 0.00	15.50 -0.63 0.00	16.10 -0.73 0.00	14.79 -0.59 0.00	15.16 -0.54 0.00
HOWARD_WT_PWR 323690	19.76 -0.65 0.00	19.81 -0.72 0.00	17.89 -0.72 0.00	18.14 -0.72 0.00	18.77 -0.51 0.00	18.15 -0.55 0.00	16.74 -0.45 0.00	17.94 -0.58 0.00	17.75 -0.54 0.00	18.79 -0.51 0.00	19.60 -0.69 0.00	20.94 -0.79 0.00	18.53 -0.76 0.00	16.85 -0.75 0.00	17.34 -0.75 0.00	17.54 -0.75 0.00	17.48 -0.88 0.00	17.97 -1.17 0.00	15.93 -1.21 0.00	14.97 -1.27 0.00	14.81 -1.32 0.00	15.21 -1.61 0.00	13.85 -1.54 0.00	14.16 -1.54 0.00
HQ_GEN_CEDARS 23644	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.31 0.00	19.18 0.32 0.00	19.63 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.96 0.36 0.00	18.43 0.33 0.00	18.60 0.32 0.00	18.64 0.29 0.00	19.41 0.28 0.00	17.36 0.22 0.00	16.44 0.21 0.00	16.38 0.26 0.00	17.09 0.27 0.00	15.61 0.22 0.00	15.92 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.31 0.00	19.18 0.32 0.00	19.63 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.96 0.36 0.00	18.43 0.33 0.00	18.60 0.32 0.00	18.64 0.29 0.00	19.41 0.28 0.00	17.36 0.22 0.00	16.87 0.21 -0.43	16.38 0.26 0.00	17.09 0.27 0.00	16.21 0.22 -0.60	15.92 0.22 0.00

HQ_GEN_IMPORT 323601	20.50 0.16 0.08	20.68 0.15 0.00	18.74 0.14 0.00	19.01 0.15 0.00	19.44 0.16 0.00	18.86 0.16 0.00	17.32 0.14 0.00	18.68 0.16 0.00	18.45 0.16 0.00	19.47 0.17 0.00	20.47 0.18 0.00	21.93 0.19 0.00	19.47 0.18 0.00	17.76 0.16 0.00	18.24 0.15 0.00	18.43 0.14 0.00	18.49 0.12 0.00	19.25 0.12 0.00	17.24 0.10 0.00	16.33 0.10 0.00	16.24 0.11 0.00	16.94 0.12 0.00	15.49 0.10 0.00	15.81 0.10 0.00
HQ_GEN_WHEEL 23651	20.50 0.16 0.08	20.68 0.15 0.00	18.74 0.14 0.00	19.01 0.15 0.00	19.44 0.16 0.00	18.86 0.16 0.00	17.32 0.14 0.00	18.68 0.16 0.00	18.45 0.16 0.00	19.47 0.17 0.00	20.47 0.18 0.00	21.93 0.19 0.00	19.47 0.18 0.00	17.76 0.16 0.00	18.24 0.15 0.00	18.43 0.14 0.00	18.49 0.12 0.00	19.25 0.12 0.00	17.24 0.10 0.00	16.33 0.10 0.00	16.24 0.11 0.00	16.94 0.12 0.00	15.49 0.10 0.00	15.81 0.10 0.00
HUDSON AVE_GT_3 23810	21.19 0.78 0.00	21.33 0.81 0.00	19.43 0.82 0.00	19.67 0.81 0.00	19.98 0.70 0.00	19.34 0.64 0.00	17.76 0.58 0.00	19.16 0.64 0.00	18.90 0.62 0.00	19.97 0.67 0.00	21.17 0.88 0.00	22.74 1.00 0.00	20.19 0.90 0.00	18.44 0.83 0.00	18.92 0.82 0.00	19.12 0.83 0.00	19.23 0.87 0.00	20.09 0.95 0.00	17.99 0.85 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.84 0.00	16.17 0.78 0.00	16.48 0.78 0.00
HUDSON AVE_GT_4 23540	21.19 0.78 0.00	21.33 0.81 0.00	19.43 0.82 0.00	19.67 0.81 0.00	19.98 0.70 0.00	19.34 0.64 0.00	17.76 0.58 0.00	19.16 0.64 0.00	18.90 0.62 0.00	19.97 0.67 0.00	21.17 0.88 0.00	22.74 1.00 0.00	20.19 0.90 0.00	18.44 0.83 0.00	18.92 0.82 0.00	19.12 0.83 0.00	19.23 0.87 0.00	20.09 0.95 0.00	17.99 0.85 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.84 0.00	16.17 0.78 0.00	16.48 0.78 0.00
HUDSON AVE_GT_5 23657	21.19 0.78 0.00	21.33 0.81 0.00	19.43 0.82 0.00	19.67 0.81 0.00	19.98 0.70 0.00	19.34 0.64 0.00	17.76 0.58 0.00	19.16 0.64 0.00	18.90 0.62 0.00	19.97 0.67 0.00	21.17 0.88 0.00	22.74 1.00 0.00	20.19 0.90 0.00	18.44 0.83 0.00	18.92 0.82 0.00	19.12 0.83 0.00	19.23 0.87 0.00	20.09 0.95 0.00	17.99 0.85 0.00	17.04 0.81 0.00	16.93 0.80 0.00	17.67 0.84 0.00	16.17 0.78 0.00	16.48 0.78 0.00
HUDSON_AVE_10 24168	21.21 0.79 0.00	21.35 0.83 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.95 0.68 0.00	19.33 0.63 0.00	17.74 0.55 0.00	19.13 0.62 0.00	18.87 0.58 0.00	19.93 0.63 0.00	21.13 0.84 0.00	22.70 0.96 0.00	20.15 0.86 0.00	18.42 0.81 0.00	18.92 0.82 0.00	19.09 0.80 0.00	19.19 0.83 0.00	20.05 0.91 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.89 0.77 0.00	17.63 0.81 0.00	16.14 0.75 0.00	16.46 0.76 0.00
HUDSON___115KV_TB 4 355613	20.99 0.58 0.00	21.12 0.59 0.00	19.16 0.55 0.00	19.41 0.55 0.00	19.80 0.52 0.00	19.24 0.54 0.00	17.71 0.53 0.00	19.05 0.53 0.00	18.87 0.58 0.00	19.88 0.58 0.00	20.83 0.54 0.00	22.29 0.56 0.00	19.76 0.47 0.00	18.10 0.49 0.00	18.64 0.55 0.00	18.86 0.57 0.00	18.98 0.61 0.00	19.82 0.68 0.00	17.75 0.60 0.00	16.82 0.59 0.00	16.68 0.56 0.00	17.44 0.62 0.00	15.93 0.54 0.00	16.25 0.55 0.00
HUNTER MOUNT___DRP 323613	21.15 0.74 0.00	21.26 0.73 0.00	19.28 0.68 0.00	19.54 0.67 0.00	19.93 0.65 0.00	19.38 0.67 0.00	17.84 0.66 0.00	19.20 0.68 0.00	19.04 0.75 0.00	20.04 0.74 0.00	20.95 0.66 0.00	22.40 0.65 0.00	19.82 0.53 0.00	18.17 0.56 0.00	18.73 0.64 0.00	18.97 0.68 0.00	19.12 0.76 0.00	19.97 0.83 0.00	17.87 0.73 0.00	16.93 0.70 0.00	16.79 0.67 0.00	17.55 0.73 0.00	16.02 0.64 0.00	16.35 0.64 0.00
HUNTINGTON_RES_REC 323705	21.57 1.17 0.00	21.68 1.15 0.00	19.75 1.14 0.00	20.00 1.14 0.00	20.33 1.06 0.00	19.60 0.89 0.00	18.01 0.82 0.00	19.35 0.84 0.00	19.16 0.87 0.00	20.22 0.92 0.00	21.55 1.26 0.00	23.14 1.40 0.00	20.56 1.27 0.00	19.08 1.18 -0.30	39.31 1.22 -20.00	19.39 1.10 0.00	19.57 1.21 0.00	20.42 1.28 0.00	18.29 1.15 0.00	17.68 1.14 -0.31	17.16 1.03 0.00	17.93 1.10 0.00	16.87 1.09 -0.39	16.77 1.07 0.00
HUNTLEY___63 23557	19.08 -1.33 0.00	19.18 -1.35 0.00	17.34 -1.27 0.00	17.58 -1.28 0.00	18.21 -1.07 0.00	17.66 -1.04 0.00	16.28 -0.90 0.00	17.54 -0.98 0.00	17.28 -1.01 0.00	18.14 -1.16 0.00	18.87 -1.42 0.00	20.22 -1.51 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.77 -1.32 0.00	16.91 -1.38 0.00	16.84 -1.51 0.00	17.58 -1.55 0.00	15.84 -1.31 0.00	15.00 -1.23 0.00	14.94 -1.19 0.00	15.38 -1.44 0.00	14.04 -1.34 0.00	14.43 -1.27 0.00
HUNTLEY___64 23558	19.08 -1.33 0.00	19.18 -1.35 0.00	17.34 -1.27 0.00	17.58 -1.28 0.00	18.21 -1.07 0.00	17.66 -1.04 0.00	16.28 -0.90 0.00	17.54 -0.98 0.00	17.28 -1.01 0.00	18.14 -1.16 0.00	18.87 -1.42 0.00	20.22 -1.51 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.77 -1.32 0.00	16.91 -1.38 0.00	16.84 -1.51 0.00	17.58 -1.55 0.00	15.84 -1.31 0.00	15.00 -1.23 0.00	14.94 -1.19 0.00	15.38 -1.44 0.00	14.04 -1.34 0.00	14.43 -1.27 0.00
HUNTLEY___65 23559	19.08 -1.33 0.00	19.18 -1.35 0.00	17.34 -1.27 0.00	17.58 -1.28 0.00	18.21 -1.07 0.00	17.66 -1.04 0.00	16.28 -0.90 0.00	17.54 -0.98 0.00	17.28 -1.01 0.00	18.14 -1.16 0.00	18.87 -1.42 0.00	20.22 -1.51 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.77 -1.32 0.00	16.91 -1.38 0.00	16.84 -1.51 0.00	17.58 -1.55 0.00	15.84 -1.31 0.00	15.00 -1.23 0.00	14.94 -1.19 0.00	15.38 -1.44 0.00	14.04 -1.34 0.00	14.43 -1.27 0.00
HUNTLEY___66 23560	19.08 -1.33 0.00	19.18 -1.35 0.00	17.34 -1.27 0.00	17.58 -1.28 0.00	18.21 -1.07 0.00	17.66 -1.04 0.00	16.28 -0.90 0.00	17.54 -0.98 0.00	17.28 -1.01 0.00	18.14 -1.16 0.00	18.87 -1.42 0.00	20.22 -1.51 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.77 -1.32 0.00	16.91 -1.38 0.00	16.84 -1.51 0.00	17.58 -1.55 0.00	15.84 -1.31 0.00	15.00 -1.23 0.00	14.94 -1.19 0.00	15.38 -1.44 0.00	14.04 -1.34 0.00	14.43 -1.27 0.00
HUNTLEY___67 23561	19.02 -1.39 0.00	19.13 -1.40 0.00	17.29 -1.31 0.00	17.54 -1.32 0.00	18.15 -1.12 0.00	17.60 -1.10 0.00	16.24 -0.95 0.00	17.49 -1.03 0.00	17.23 -1.06 0.00	18.10 -1.21 0.00	18.84 -1.45 0.00	20.19 -1.55 0.00	17.93 -1.36 0.00	16.34 -1.27 0.00	16.73 -1.36 0.00	16.86 -1.43 0.00	16.79 -1.57 0.00	17.52 -1.62 0.00	15.77 -1.38 0.00	14.93 -1.30 0.00	14.87 -1.26 0.00	15.32 -1.50 0.00	14.00 -1.39 0.00	14.37 -1.33 0.00
HUNTLEY___68 23562	19.02 -1.39 0.00	19.13 -1.40 0.00	17.29 -1.31 0.00	17.54 -1.32 0.00	18.15 -1.12 0.00	17.60 -1.10 0.00	16.24 -0.95 0.00	17.49 -1.03 0.00	17.23 -1.06 0.00	18.10 -1.21 0.00	18.84 -1.45 0.00	20.19 -1.55 0.00	17.93 -1.36 0.00	16.34 -1.27 0.00	16.73 -1.36 0.00	16.86 -1.43 0.00	16.79 -1.57 0.00	17.52 -1.62 0.00	15.77 -1.38 0.00	14.93 -1.30 0.00	14.87 -1.26 0.00	15.32 -1.50 0.00	14.00 -1.39 0.00	14.37 -1.33 0.00

HYLAND___LFGE 323620	20.34 -0.07 0.00	20.38 -0.15 0.00	18.40 -0.21 0.00	18.65 -0.21 0.00	19.28 0.00 0.00	18.72 0.02 0.00	17.29 0.10 0.00	18.64 0.12 0.00	18.44 0.15 0.00	19.28 -0.02 0.00	19.57 -0.72 0.00	20.85 -0.89 0.00	18.47 -0.82 0.00	16.83 -0.78 0.00	17.37 -0.72 0.00	17.80 -0.49 0.00	18.09 -0.27 0.00	18.92 -0.21 0.00	16.91 -0.24 0.00	15.97 -0.26 0.00	15.87 -0.25 0.00	16.37 -0.46 0.00	14.91 -0.48 0.00	15.20 -0.50 0.00
INDECK___CORINTH 23802	21.23 0.82 0.00	21.34 0.81 0.00	19.29 0.69 0.00	19.57 0.71 0.00	19.96 0.68 0.00	19.43 0.73 0.00	17.77 0.59 0.00	19.22 0.70 0.00	19.07 0.78 0.00	20.18 0.88 0.00	21.22 0.92 0.00	22.74 1.00 0.00	20.12 0.82 0.00	18.35 0.75 0.00	18.91 0.81 0.00	19.13 0.85 0.00	19.23 0.87 0.00	20.05 0.91 0.00	17.94 0.80 0.00	16.96 0.72 0.00	16.81 0.69 0.00	17.60 0.77 0.00	16.09 0.70 0.00	16.32 0.61 0.00
INDECK___ILION 23567	20.44 0.03 0.00	20.55 0.02 0.00	18.62 0.02 0.00	18.88 0.02 0.00	19.26 -0.02 0.00	18.69 -0.01 0.00	17.17 -0.02 0.00	18.50 -0.02 0.00	18.30 0.01 0.00	19.34 0.04 0.00	20.35 0.06 0.00	21.81 0.07 0.00	19.31 0.02 0.00	17.62 0.02 0.00	18.12 0.03 0.00	18.33 0.04 0.00	18.43 0.07 0.00	19.21 0.07 0.00	17.20 0.05 0.00	16.30 0.06 0.00	16.17 0.04 0.00	16.89 0.07 0.00	15.45 0.06 0.00	15.74 0.04 0.00
INDECK___OLEAN 23982	19.95 -0.46 0.00	20.06 -0.46 0.00	18.14 -0.47 0.00	18.43 -0.43 0.00	19.02 -0.26 0.00	18.43 -0.28 0.00	16.98 -0.20 0.00	18.34 -0.18 0.00	18.10 -0.19 0.00	19.01 -0.29 0.00	19.82 -0.48 0.00	21.14 -0.59 0.00	18.65 -0.64 0.00	16.95 -0.65 0.00	17.37 -0.73 0.00	17.49 -0.80 0.00	17.53 -0.83 0.00	18.34 -0.80 0.00	16.46 -0.68 0.00	15.56 -0.67 0.00	15.50 -0.63 0.00	16.10 -0.73 0.00	14.79 -0.59 0.00	15.16 -0.54 0.00
INDECK___OSWEGO 23783	19.79 -0.61 0.00	19.89 -0.64 0.00	18.03 -0.58 0.00	18.27 -0.60 0.00	18.70 -0.58 0.00	18.14 -0.56 0.00	16.70 -0.48 0.00	17.98 -0.54 0.00	17.75 -0.54 0.00	18.71 -0.59 0.00	19.62 -0.67 0.00	20.99 -0.74 0.00	18.63 -0.66 0.00	16.99 -0.62 0.00	17.47 -0.62 0.00	17.68 -0.61 0.00	17.78 -0.58 0.00	18.55 -0.59 0.00	16.61 -0.54 0.00	15.72 -0.51 0.00	15.61 -0.52 0.00	16.26 -0.57 0.00	14.89 -0.50 0.00	15.18 -0.52 0.00
INDECK___YERKES 23781	19.09 -1.32 0.00	19.19 -1.34 0.00	17.34 -1.26 0.00	17.59 -1.27 0.00	18.22 -1.06 0.00	17.67 -1.03 0.00	16.29 -0.89 0.00	17.50 -1.02 0.00	17.29 -1.00 0.00	18.16 -1.15 0.00	18.88 -1.41 0.00	20.23 -1.51 0.00	17.97 -1.32 0.00	16.40 -1.21 0.00	16.78 -1.31 0.00	16.90 -1.39 0.00	16.86 -1.50 0.00	17.61 -1.53 0.00	15.84 -1.30 0.00	15.01 -1.22 0.00	14.95 -1.18 0.00	15.39 -1.43 0.00	14.06 -1.33 0.00	14.44 -1.26 0.00
INDIAN POINT_GT_1 24139	21.04 0.63 0.00	21.18 0.65 0.00	19.22 0.61 0.00	19.48 0.62 0.00	19.83 0.55 0.00	19.22 0.51 0.00	17.63 0.45 0.00	19.01 0.50 0.00	18.77 0.48 0.00	19.84 0.54 0.00	21.00 0.71 0.00	22.55 0.81 0.00	20.03 0.74 0.00	18.28 0.68 0.00	18.79 0.69 0.00	18.97 0.68 0.00	19.07 0.71 0.00	19.93 0.79 0.00	17.87 0.73 0.00	16.93 0.70 0.00	16.80 0.67 0.00	17.54 0.71 0.00	16.05 0.66 0.00	16.34 0.64 0.00
INDIAN POINT_GT_2 23659	21.04 0.63 0.00	21.18 0.65 0.00	19.22 0.61 0.00	19.48 0.62 0.00	19.83 0.55 0.00	19.22 0.51 0.00	17.63 0.45 0.00	19.01 0.50 0.00	18.77 0.48 0.00	19.84 0.54 0.00	21.00 0.71 0.00	22.55 0.81 0.00	20.03 0.74 0.00	18.28 0.68 0.00	18.79 0.69 0.00	18.97 0.68 0.00	19.07 0.71 0.00	19.93 0.79 0.00	17.87 0.73 0.00	16.93 0.70 0.00	16.80 0.67 0.00	17.54 0.71 0.00	16.05 0.66 0.00	16.34 0.64 0.00
INDIAN POINT_GT_3 24019	21.04 0.63 0.00	21.18 0.65 0.00	19.22 0.61 0.00	19.48 0.62 0.00	19.83 0.55 0.00	19.22 0.51 0.00	17.63 0.45 0.00	19.01 0.50 0.00	18.77 0.48 0.00	19.84 0.54 0.00	21.00 0.71 0.00	22.55 0.81 0.00	20.03 0.74 0.00	18.28 0.68 0.00	18.79 0.69 0.00	18.97 0.68 0.00	19.07 0.71 0.00	19.93 0.79 0.00	17.87 0.73 0.00	16.93 0.70 0.00	16.80 0.67 0.00	17.54 0.71 0.00	16.05 0.66 0.00	16.34 0.64 0.00
INDIAN POINT___2 23530	21.02 0.61 0.00	21.15 0.62 0.00	19.20 0.59 0.00	19.46 0.60 0.00	19.80 0.53 0.00	19.19 0.49 0.00	17.62 0.43 0.00	18.99 0.48 0.00	18.75 0.46 0.00	19.82 0.52 0.00	20.97 0.68 0.00	22.53 0.79 0.00	20.01 0.72 0.00	18.27 0.66 0.00	18.76 0.67 0.00	18.95 0.65 0.00	19.05 0.69 0.00	19.91 0.77 0.00	17.86 0.71 0.00	16.91 0.68 0.00	16.78 0.65 0.00	17.51 0.69 0.00	16.03 0.64 0.00	16.32 0.62 0.00
INDIAN POINT___3 23531	21.03 0.62 0.00	21.16 0.64 0.00	19.21 0.60 0.00	19.47 0.61 0.00	19.82 0.54 0.00	19.21 0.50 0.00	17.63 0.44 0.00	19.00 0.49 0.00	18.76 0.47 0.00	19.83 0.53 0.00	20.98 0.69 0.00	22.54 0.80 0.00	20.01 0.73 0.00	18.27 0.67 0.00	18.77 0.68 0.00	18.95 0.66 0.00	19.06 0.70 0.00	19.91 0.78 0.00	17.86 0.72 0.00	16.92 0.69 0.00	16.78 0.66 0.00	17.52 0.70 0.00	16.04 0.65 0.00	16.33 0.63 0.00
INGHAM_C_115KV_TB7 356103	20.27 -0.14 0.00	20.41 -0.12 0.00	18.47 -0.13 0.00	18.73 -0.13 0.00	19.06 -0.21 0.00	18.51 -0.20 0.00	16.99 -0.20 0.00	18.31 -0.20 0.00	18.15 -0.14 0.00	19.19 -0.11 0.00	20.22 -0.07 0.00	21.68 -0.06 0.00	19.14 -0.15 0.00	17.48 -0.13 0.00	17.98 -0.12 0.00	18.19 -0.10 0.00	18.31 -0.05 0.00	19.10 -0.04 0.00	17.10 -0.04 0.00	16.23 -0.01 0.00	16.08 -0.05 0.00	16.84 0.02 0.00	15.39 0.01 0.00	15.67 -0.03 0.00
IP CORINTH___1 23988	21.23 0.82 0.00	21.34 0.81 0.00	19.29 0.69 0.00	19.57 0.71 0.00	19.96 0.68 0.00	19.43 0.73 0.00	17.78 0.59 0.00	19.21 0.70 0.00	19.07 0.78 0.00	20.18 0.88 0.00	21.21 0.92 0.00	22.74 1.00 0.00	20.11 0.82 0.00	18.35 0.75 0.00	18.91 0.82 0.00	19.13 0.84 0.00	19.24 0.88 0.00	20.05 0.92 0.00	17.94 0.80 0.00	16.96 0.72 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.09 0.70 0.00	16.32 0.61 0.00
IP___TICONDEROGA 23804	21.90 1.50 0.00	21.97 1.44 0.00	19.73 1.12 0.00	20.08 1.22 0.00	20.49 1.22 0.00	20.04 1.34 0.00	18.39 1.20 0.00	19.94 1.42 0.00	19.91 1.62 0.00	21.11 1.80 0.00	22.08 1.79 0.00	23.65 1.91 0.00	20.86 1.57 0.00	19.04 1.44 0.00	19.64 1.55 0.00	19.96 1.67 0.00	20.10 1.74 0.00	20.89 1.76 0.00	18.64 1.50 0.00	17.53 1.30 0.00	17.36 1.23 0.00	18.25 1.42 0.00	16.68 1.29 0.00	16.79 1.09 0.00
ISLIP_RES_REC 323679	21.89 1.48 0.00	21.97 1.44 0.00	20.01 1.41 0.00	20.26 1.40 0.00	20.61 1.33 0.00	19.86 1.15 0.00	18.26 1.07 0.00	19.59 1.07 0.00	19.45 1.16 0.00	20.52 1.22 0.00	21.86 1.57 0.00	23.44 1.70 0.00	20.83 1.54 0.00	19.31 1.41 -0.30	39.55 1.46 -20.00	19.65 1.37 0.00	19.86 1.50 0.00	20.73 1.59 0.00	18.54 1.40 0.00	17.95 1.41 -0.31	17.39 1.26 0.00	18.16 1.34 0.00	17.14 1.36 -0.39	17.02 1.32 0.00

JAMAICA__27_KV_LOAD 355505	21.39 0.98 0.00	21.57 1.04 0.00	19.60 0.99 0.00	19.84 0.98 0.00	20.17 0.89 0.00	19.56 0.86 0.00	17.89 0.71 0.00	19.31 0.79 0.00	19.02 0.73 0.00	20.08 0.78 0.00	21.29 1.00 0.00	22.88 1.14 0.00	20.28 1.00 0.00	18.54 0.94 0.00	19.03 0.94 0.00	19.23 0.94 0.00	19.33 0.97 0.00	20.19 1.06 0.00	18.06 0.91 0.00	17.11 0.88 0.00	17.02 0.89 0.00	17.76 0.94 0.00	16.26 0.87 0.00	16.60 0.90 0.00
JANIS__SOLAR 323808	21.09 0.68 0.00	21.20 0.67 0.00	19.18 0.57 0.00	19.45 0.58 0.00	19.94 0.66 0.00	19.35 0.64 0.00	17.82 0.63 0.00	19.22 0.71 0.00	18.97 0.68 0.00	19.93 0.63 0.00	20.66 0.37 0.00	22.19 0.45 0.00	19.62 0.33 0.00	17.81 0.20 0.00	18.33 0.23 0.00	18.60 0.31 0.00	18.86 0.50 0.00	19.66 0.53 0.00	17.55 0.41 0.00	16.60 0.36 0.00	16.42 0.30 0.00	17.08 0.26 0.00	15.60 0.21 0.00	15.84 0.14 0.00
JARVIS____ 23743	20.43 0.02 0.00	20.55 0.02 0.00	18.62 0.02 0.00	18.88 0.02 0.00	19.28 0.00 0.00	18.71 0.01 0.00	17.18 0.00 0.00	18.52 0.00 0.00	18.29 0.00 0.00	19.32 0.02 0.00	20.31 0.02 0.00	21.77 0.03 0.00	19.30 0.01 0.00	17.62 0.01 0.00	18.11 0.02 0.00	18.31 0.02 0.00	18.39 0.03 0.00	19.16 0.02 0.00	17.15 0.00 0.00	16.23 0.00 0.00	16.13 0.00 0.00	16.83 0.00 0.00	15.40 0.01 0.00	15.70 0.00 0.00
JENNISON____1 23625	21.20 0.79 0.00	21.33 0.80 0.00	19.30 0.69 0.00	19.57 0.71 0.00	20.02 0.75 0.00	19.40 0.69 0.00	17.78 0.59 0.00	19.10 0.59 0.00	18.83 0.54 0.00	19.79 0.49 0.00	20.73 0.44 0.00	22.21 0.47 0.00	19.74 0.46 0.00	18.03 0.42 0.00	18.51 0.42 0.00	18.74 0.45 0.00	18.88 0.52 0.00	19.56 0.42 0.00	17.38 0.23 0.00	16.43 0.19 0.00	16.23 0.10 0.00	16.90 0.08 0.00	15.45 0.06 0.00	15.70 0.00 0.00
JENNISON____2 23626	21.20 0.79 0.00	21.33 0.80 0.00	19.30 0.69 0.00	19.57 0.71 0.00	20.02 0.75 0.00	19.40 0.69 0.00	17.78 0.59 0.00	19.10 0.59 0.00	18.83 0.54 0.00	19.79 0.49 0.00	20.73 0.44 0.00	22.21 0.47 0.00	19.74 0.46 0.00	18.03 0.42 0.00	18.51 0.42 0.00	18.74 0.45 0.00	18.88 0.52 0.00	19.56 0.42 0.00	17.38 0.23 0.00	16.43 0.19 0.00	16.23 0.10 0.00	16.90 0.08 0.00	15.45 0.06 0.00	15.70 0.00 0.00
JERICOHO_RISE_WT_PWR 323719	20.92 0.51 0.00	21.03 0.50 0.00	19.05 0.45 0.00	19.32 0.46 0.00	19.75 0.47 0.00	19.15 0.45 0.00	17.59 0.41 0.00	19.00 0.49 0.00	18.84 0.55 0.00	19.90 0.60 0.00	20.90 0.61 0.00	22.40 0.66 0.00	19.88 0.59 0.00	18.12 0.51 0.00	18.62 0.52 0.00	18.80 0.51 0.00	18.83 0.46 0.00	19.59 0.45 0.00	17.52 0.38 0.00	16.62 0.39 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.78 0.40 0.00	16.08 0.38 0.00
KATONAH__115KV_46KV_TB4 355592	21.19 0.79 0.00	21.33 0.80 0.00	19.36 0.75 0.00	19.61 0.75 0.00	19.96 0.69 0.00	19.36 0.65 0.00	17.78 0.59 0.00	19.17 0.65 0.00	18.93 0.64 0.00	20.02 0.71 0.00	21.18 0.88 0.00	22.74 1.01 0.00	20.19 0.90 0.00	18.44 0.83 0.00	18.94 0.85 0.00	19.12 0.84 0.00	19.23 0.87 0.00	20.10 0.96 0.00	18.02 0.88 0.00	17.07 0.84 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.17 0.78 0.00	16.46 0.76 0.00
KCE_NY_1 323755	21.16 0.74 0.00	21.28 0.75 0.00	19.25 0.65 0.00	19.53 0.67 0.00	19.92 0.65 0.00	19.37 0.67 0.00	17.77 0.58 0.00	19.20 0.69 0.00	19.00 0.71 0.00	20.09 0.79 0.00	21.09 0.80 0.00	22.61 0.87 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.82 0.73 0.00	19.06 0.77 0.00	19.13 0.77 0.00	19.95 0.82 0.00	17.88 0.73 0.00	16.92 0.69 0.00	16.79 0.66 0.00	17.56 0.73 0.00	16.04 0.65 0.00	16.31 0.61 0.00
KCE_NY_6_ESR 323823	19.35 -1.06 0.00	19.47 -1.06 0.00	17.59 -1.02 0.00	17.84 -1.02 0.00	18.47 -0.81 0.00	17.91 -0.79 0.00	16.51 -0.68 0.00	17.76 -0.76 0.00	17.52 -0.77 0.00	18.43 -0.88 0.00	19.19 -1.10 0.00	20.56 -1.18 0.00	18.24 -1.05 0.00	16.62 -0.99 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.12 -1.24 0.00	17.87 -1.27 0.00	16.04 -1.11 0.00	15.18 -1.05 0.00	15.11 -1.02 0.00	15.57 -1.25 0.00	14.22 -1.17 0.00	14.59 -1.11 0.00
KEDC_PORT_JEFF_GT2 24210	21.77 1.37 0.00	21.87 1.34 0.00	19.92 1.32 0.00	20.18 1.31 0.00	20.52 1.24 0.00	19.77 1.06 0.00	18.17 0.99 0.00	19.49 0.97 0.00	19.35 1.06 0.00	20.42 1.12 0.00	21.75 1.46 0.00	23.32 1.58 0.00	20.73 1.45 0.00	19.23 1.33 -0.30	39.46 1.37 -20.00	19.56 1.27 0.00	19.75 1.39 0.00	20.60 1.46 0.00	18.44 1.29 0.00	17.85 1.30 -0.31	17.29 1.16 0.00	18.06 1.24 0.00	17.05 1.27 -0.39	16.93 1.23 0.00
KEDC_PORT_JEFF_GT3 24211	21.77 1.37 0.00	21.87 1.34 0.00	19.92 1.32 0.00	20.18 1.31 0.00	20.52 1.24 0.00	19.77 1.06 0.00	18.17 0.99 0.00	19.49 0.97 0.00	19.35 1.06 0.00	20.42 1.12 0.00	21.75 1.46 0.00	23.32 1.58 0.00	20.73 1.45 0.00	19.23 1.33 -0.30	39.46 1.37 -20.00	19.56 1.27 0.00	19.75 1.39 0.00	20.60 1.46 0.00	18.44 1.29 0.00	17.85 1.30 -0.31	17.29 1.16 0.00	18.06 1.24 0.00	17.05 1.27 -0.39	16.93 1.23 0.00
KEDC_GLWD_GT4 24219	21.48 1.07 0.00	21.60 1.07 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.25 0.97 0.00	19.54 0.84 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.18 0.88 0.00	21.46 1.18 0.00	23.05 1.32 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.26 1.17 -20.00	19.37 1.09 0.00	19.52 1.16 0.00	20.37 1.24 0.00	18.27 1.14 0.00	17.66 1.12 -0.31	17.18 1.05 0.00	17.93 1.11 0.00	16.83 1.05 -0.39	16.73 1.03 0.00
KEDC_GLWD_GT5 24220	21.48 1.07 0.00	21.60 1.07 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.25 0.97 0.00	19.54 0.84 0.00	17.97 0.78 0.00	19.35 0.83 0.00	19.14 0.85 0.00	20.18 0.88 0.00	21.46 1.18 0.00	23.05 1.32 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.26 1.17 -20.00	19.37 1.09 0.00	19.52 1.16 0.00	20.37 1.24 0.00	18.27 1.14 0.00	17.66 1.12 -0.31	17.18 1.05 0.00	17.93 1.11 0.00	16.83 1.05 -0.39	16.73 1.03 0.00
KENSICO____ 23655	21.10 0.69 0.00	21.23 0.70 0.00	19.28 0.67 0.00	19.54 0.67 0.00	19.88 0.60 0.00	19.27 0.56 0.00	17.68 0.50 0.00	19.06 0.54 0.00	18.82 0.53 0.00	19.90 0.59 0.00	21.06 0.77 0.00	22.63 0.88 0.00	20.09 0.79 0.00	18.35 0.74 0.00	18.85 0.75 0.00	19.03 0.74 0.00	19.13 0.77 0.00	19.98 0.85 0.00	17.92 0.77 0.00	16.98 0.74 0.00	16.84 0.72 0.00	17.58 0.76 0.00	16.10 0.71 0.00	16.39 0.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.37 0.96 0.00	21.50 0.97 0.00	19.50 0.89 0.00	19.76 0.90 0.00	20.13 0.85 0.00	19.52 0.82 0.00	17.93 0.75 0.00	19.35 0.84 0.00	19.12 0.83 0.00	20.22 0.91 0.00	21.36 1.07 0.00	22.93 1.19 0.00	20.37 1.07 0.00	18.57 0.96 0.00	19.02 0.93 0.00	19.24 0.95 0.00	19.42 1.06 0.00	20.31 1.18 0.00	18.22 1.08 0.00	17.25 1.02 0.00	17.12 0.99 0.00	17.85 1.02 0.00	16.32 0.93 0.00	16.60 0.90 0.00

KIAC_JFK_GT1 23816	21.32 0.91 0.00	21.50 0.97 0.00	19.53 0.93 0.00	19.78 0.92 0.00	20.10 0.83 0.00	19.50 0.79 0.00	17.83 0.65 0.00	19.24 0.73 0.00	18.96 0.67 0.00	20.02 0.72 0.00	21.22 0.93 0.00	22.80 1.06 0.00	20.22 0.93 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.17 0.88 0.00	19.26 0.90 0.00	20.12 0.99 0.00	18.00 0.86 0.00	17.06 0.82 0.00	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.55 0.85 0.00
KIAC_JFK_GT2 23817	21.32 0.91 0.00	21.50 0.97 0.00	19.53 0.93 0.00	19.78 0.92 0.00	20.10 0.83 0.00	19.50 0.79 0.00	17.83 0.65 0.00	19.24 0.73 0.00	18.96 0.67 0.00	20.02 0.72 0.00	21.22 0.93 0.00	22.80 1.06 0.00	20.22 0.93 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.17 0.88 0.00	19.26 0.90 0.00	20.12 0.99 0.00	18.00 0.86 0.00	17.06 0.82 0.00	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.55 0.85 0.00
KIAC_JFK____ 323774	21.32 0.91 0.00	21.50 0.97 0.00	19.53 0.93 0.00	19.78 0.92 0.00	20.10 0.83 0.00	19.49 0.79 0.00	17.83 0.65 0.00	19.25 0.73 0.00	18.96 0.67 0.00	20.02 0.72 0.00	21.22 0.93 0.00	22.80 1.06 0.00	20.22 0.93 0.00	18.48 0.87 0.00	18.97 0.88 0.00	19.18 0.89 0.00	19.26 0.89 0.00	20.12 0.98 0.00	18.00 0.86 0.00	17.06 0.82 0.00	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.55 0.85 0.00
KINTIGH____ 23543	18.96 -1.45 0.00	19.07 -1.46 0.00	17.25 -1.36 0.00	17.49 -1.37 0.00	18.07 -1.21 0.00	17.53 -1.18 0.00	16.16 -1.02 0.00	17.42 -1.09 0.00	17.16 -1.13 0.00	18.03 -1.27 0.00	18.79 -1.50 0.00	20.11 -1.62 0.00	17.86 -1.43 0.00	16.28 -1.32 0.00	16.68 -1.41 0.00	16.82 -1.47 0.00	16.79 -1.57 0.00	17.52 -1.61 0.00	15.77 -1.37 0.00	14.95 -1.28 0.00	14.89 -1.23 0.00	15.37 -1.45 0.00	14.06 -1.33 0.00	14.41 -1.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.26 0.85 0.00	21.35 0.82 0.00	19.33 0.72 0.00	19.60 0.74 0.00	20.03 0.75 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.32 0.81 0.00	19.20 0.91 0.00	20.29 0.98 0.00	21.30 1.01 0.00	22.81 1.07 0.00	20.25 0.96 0.00	18.45 0.85 0.00	18.97 0.87 0.00	19.16 0.88 0.00	19.19 0.82 0.00	19.98 0.84 0.00	17.86 0.71 0.00	16.93 0.70 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.07 0.68 0.00	16.34 0.64 0.00
LACHUTE____HYDRO 323717	21.91 1.50 0.00	21.97 1.44 0.00	19.73 1.12 0.00	20.08 1.22 0.00	20.49 1.22 0.00	20.04 1.34 0.00	18.39 1.20 0.00	19.94 1.42 0.00	19.91 1.62 0.00	21.10 1.80 0.00	22.08 1.79 0.00	23.65 1.91 0.00	20.86 1.57 0.00	19.04 1.44 0.00	19.64 1.55 0.00	19.96 1.67 0.00	20.10 1.74 0.00	20.89 1.76 0.00	18.64 1.50 0.00	17.53 1.30 0.00	17.36 1.23 0.00	18.25 1.42 0.00	16.68 1.29 0.00	16.79 1.09 0.00
LAWRNCV_115KV_TB1 80681	20.46 0.05 0.00	20.56 0.03 0.00	18.62 0.02 0.00	18.87 0.01 0.00	19.32 0.04 0.00	18.76 0.06 0.00	17.24 0.06 0.00	18.61 0.09 0.00	18.41 0.12 0.00	19.43 0.13 0.00	20.42 0.12 0.00	21.85 0.11 0.00	19.41 0.12 0.00	17.68 0.08 0.00	18.15 0.06 0.00	18.32 0.03 0.00	18.37 0.01 0.00	19.13 -0.01 0.00	17.09 -0.05 0.00	16.17 -0.06 0.00	16.13 0.00 0.00	16.82 0.00 0.00	15.36 -0.03 0.00	15.65 -0.05 0.00
LEDERLE____ 23769	21.08 0.67 0.00	21.21 0.68 0.00	19.25 0.65 0.00	19.51 0.65 0.00	19.87 0.59 0.00	19.26 0.56 0.00	17.68 0.49 0.00	19.06 0.54 0.00	18.81 0.52 0.00	19.89 0.59 0.00	21.04 0.75 0.00	22.60 0.86 0.00	20.07 0.78 0.00	18.32 0.72 0.00	18.82 0.73 0.00	19.01 0.72 0.00	19.12 0.76 0.00	19.98 0.85 0.00	17.93 0.79 0.00	16.98 0.75 0.00	16.85 0.72 0.00	17.59 0.77 0.00	16.09 0.70 0.00	16.38 0.68 0.00
LIGHTHSE_115KV_TB6 355974	19.90 -0.51 0.00	20.01 -0.52 0.00	18.11 -0.50 0.00	18.31 -0.55 0.00	18.76 -0.51 0.00	18.22 -0.48 0.00	16.77 -0.41 0.00	18.08 -0.43 0.00	17.86 -0.43 0.00	18.81 -0.49 0.00	19.73 -0.56 0.00	21.12 -0.62 0.00	18.71 -0.58 0.00	16.99 -0.62 0.00	17.48 -0.61 0.00	17.70 -0.59 0.00	17.84 -0.52 0.00	18.62 -0.51 0.00	16.60 -0.54 0.00	15.70 -0.53 0.00	15.64 -0.49 0.00	16.28 -0.54 0.00	14.90 -0.49 0.00	15.14 -0.56 0.00
LINDEN COGEN____ 23786	21.07 0.66 0.00	21.21 0.68 0.00	19.29 0.68 0.00	19.52 0.66 0.00	19.82 0.54 0.00	19.21 0.50 0.00	17.64 0.46 0.00	19.03 0.51 0.00	18.77 0.49 0.00	19.82 0.52 0.00	21.01 0.72 0.00	22.57 0.83 0.00	20.05 0.77 0.00	18.34 0.73 0.00	18.83 0.74 0.00	19.01 0.72 0.00	19.11 0.75 0.00	19.95 0.82 0.00	17.87 0.73 0.00	16.92 0.69 0.00	16.81 0.68 0.00	17.55 0.72 0.00	16.07 0.68 0.00	16.37 0.67 0.00
LINDHRST_69_KV_BK1 356055	21.74 1.33 0.00	21.85 1.32 0.00	19.87 1.27 0.00	20.13 1.27 0.00	20.48 1.20 0.00	19.73 1.03 0.00	18.14 0.96 0.00	19.51 0.99 0.00	19.32 1.03 0.00	20.38 1.08 0.00	21.71 1.42 0.00	23.31 1.58 0.00	20.71 1.43 0.00	19.21 1.31 -0.30	39.44 1.35 -20.00	19.54 1.25 0.00	19.74 1.38 0.00	20.60 1.47 0.00	18.46 1.32 0.00	17.86 1.31 -0.31	17.34 1.21 0.00	18.12 1.29 0.00	17.04 1.25 -0.39	16.92 1.22 0.00
LIPA_MISC_IPP 23656	21.79 1.38 0.00	21.89 1.37 0.00	19.94 1.34 0.00	20.19 1.34 0.00	20.54 1.26 0.00	19.79 1.09 0.00	18.19 1.01 0.00	19.46 0.95 0.00	19.38 1.09 0.00	20.45 1.14 0.00	21.76 1.47 0.00	23.30 1.57 0.00	20.72 1.43 0.00	19.21 1.31 -0.30	39.45 1.36 -20.00	19.55 1.27 0.00	19.74 1.38 0.00	20.59 1.45 0.00	18.41 1.27 0.00	17.85 1.30 -0.31	17.23 1.10 0.00	18.00 1.18 0.00	17.06 1.28 -0.39	16.92 1.22 0.00
LISF__SOLAR 323691	21.83 1.42 0.00	21.91 1.39 0.00	19.97 1.37 0.00	20.22 1.36 0.00	20.57 1.29 0.00	19.82 1.12 0.00	18.22 1.04 0.00	19.50 0.98 0.00	19.41 1.12 0.00	20.48 1.18 0.00	21.80 1.51 0.00	23.34 1.60 0.00	20.74 1.45 0.00	19.23 1.33 -0.30	39.47 1.38 -20.00	19.58 1.29 0.00	19.78 1.42 0.00	20.63 1.49 0.00	18.44 1.30 0.00	17.88 1.33 -0.31	17.26 1.13 0.00	18.03 1.21 0.00	17.09 1.31 -0.39	16.95 1.25 0.00
LITTLE FALLS____HYD 24013	20.27 -0.14 0.00	20.41 -0.12 0.00	18.47 -0.13 0.00	18.73 -0.13 0.00	19.06 -0.21 0.00	18.51 -0.20 0.00	16.99 -0.20 0.00	18.31 -0.20 0.00	18.15 -0.14 0.00	19.19 -0.11 0.00	20.22 -0.07 0.00	21.68 -0.06 0.00	19.14 -0.15 0.00	17.48 -0.13 0.00	17.98 -0.12 0.00	18.19 -0.10 0.00	18.31 -0.05 0.00	19.10 -0.04 0.00	17.10 -0.04 0.00	16.23 -0.01 0.00	16.08 -0.05 0.00	16.84 0.02 0.00	15.39 0.01 0.00	15.67 -0.03 0.00
LITTLRIV_115KV_TB1 356100	20.69 0.28 0.00	20.80 0.27 0.00	18.83 0.22 0.00	19.08 0.22 0.00	19.54 0.26 0.00	18.98 0.27 0.00	17.45 0.27 0.00	18.86 0.34 0.00	18.66 0.37 0.00	19.70 0.40 0.00	20.69 0.40 0.00	22.13 0.39 0.00	19.66 0.36 0.00	17.91 0.31 0.00	18.39 0.30 0.00	18.56 0.27 0.00	18.62 0.26 0.00	19.40 0.26 0.00	17.32 0.18 0.00	16.40 0.16 0.00	16.35 0.22 0.00	17.04 0.21 0.00	15.55 0.17 0.00	15.81 0.11 0.00

LI_NEWBRDGE___DRP 323616	21.31 0.90 0.00	21.44 0.91 0.00	19.50 0.89 0.00	19.78 0.92 0.00	20.11 0.84 0.00	19.40 0.69 0.00	17.84 0.65 0.00	19.20 0.69 0.00	18.99 0.70 0.00	20.01 0.71 0.00	21.28 0.99 0.00	22.86 1.13 0.00	20.31 1.02 0.00	18.88 0.98 -0.30	39.10 1.00 -20.00	19.20 0.91 0.00	19.34 0.98 0.00	20.18 1.04 0.00	18.12 0.97 0.00	17.51 0.97 -0.31	17.03 0.90 0.00	17.79 0.96 0.00	16.71 0.93 -0.39	16.60 0.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.93 -1.48 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.45 -1.42 0.00	18.06 -1.22 0.00	17.52 -1.19 0.00	16.15 -1.03 0.00	17.39 -1.13 0.00	17.15 -1.14 0.00	17.99 -1.31 0.00	18.70 -1.59 0.00	20.03 -1.71 0.00	17.79 -1.50 0.00	16.23 -1.38 0.00	16.62 -1.48 0.00	16.75 -1.54 0.00	16.70 -1.66 0.00	17.43 -1.71 0.00	15.70 -1.44 0.00	14.88 -1.35 0.00	14.83 -1.30 0.00	15.27 -1.56 0.00	13.95 -1.44 0.00	14.36 -1.34 0.00
LOCKPORT___CC1 323769	18.92 -1.49 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.44 -1.42 0.00	18.06 -1.21 0.00	17.52 -1.18 0.00	16.15 -1.04 0.00	17.34 -1.17 0.00	17.14 -1.15 0.00	17.98 -1.32 0.00	18.71 -1.58 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.23 -1.38 0.00	16.61 -1.48 0.00	16.73 -1.56 0.00	16.69 -1.67 0.00	17.44 -1.70 0.00	15.69 -1.45 0.00	14.87 -1.36 0.00	14.82 -1.31 0.00	15.25 -1.57 0.00	13.94 -1.45 0.00	14.34 -1.35 0.00
LOCKPORT___CC2 323770	18.92 -1.49 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.44 -1.42 0.00	18.06 -1.21 0.00	17.52 -1.18 0.00	16.15 -1.04 0.00	17.34 -1.17 0.00	17.14 -1.15 0.00	17.98 -1.32 0.00	18.71 -1.58 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.23 -1.38 0.00	16.61 -1.48 0.00	16.73 -1.56 0.00	16.69 -1.67 0.00	17.44 -1.70 0.00	15.69 -1.45 0.00	14.87 -1.36 0.00	14.82 -1.31 0.00	15.25 -1.57 0.00	13.94 -1.45 0.00	14.34 -1.35 0.00
LOCKPORT___CC3 323771	18.92 -1.49 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.44 -1.42 0.00	18.06 -1.21 0.00	17.52 -1.18 0.00	16.15 -1.04 0.00	17.34 -1.17 0.00	17.14 -1.15 0.00	17.98 -1.32 0.00	18.71 -1.58 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.23 -1.38 0.00	16.61 -1.48 0.00	16.73 -1.56 0.00	16.69 -1.67 0.00	17.44 -1.70 0.00	15.69 -1.45 0.00	14.87 -1.36 0.00	14.82 -1.31 0.00	15.25 -1.57 0.00	13.94 -1.45 0.00	14.34 -1.35 0.00
LONG_LAKE_PHOENIX 24014	19.85 -0.56 0.00	19.95 -0.57 0.00	18.08 -0.52 0.00	18.32 -0.54 0.00	18.76 -0.52 0.00	18.21 -0.49 0.00	16.75 -0.43 0.00	18.05 -0.47 0.00	17.81 -0.48 0.00	18.78 -0.52 0.00	19.70 -0.59 0.00	21.06 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.56 0.00	17.53 -0.56 0.00	17.75 -0.54 0.00	17.84 -0.52 0.00	18.62 -0.52 0.00	16.68 -0.47 0.00	15.79 -0.44 0.00	15.68 -0.45 0.00	16.32 -0.50 0.00	14.94 -0.45 0.00	15.23 -0.47 0.00
LOVETT___3 23632	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.18 0.48 0.00	17.60 0.42 0.00	18.97 0.46 0.00	18.73 0.44 0.00	19.80 0.50 0.00	20.95 0.66 0.00	22.50 0.77 0.00	19.99 0.70 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.92 0.63 0.00	19.03 0.66 0.00	19.89 0.75 0.00	17.84 0.70 0.00	16.90 0.66 0.00	16.77 0.64 0.00	17.50 0.68 0.00	16.01 0.62 0.00	16.30 0.61 0.00
LOVETT___4 23642	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.18 0.48 0.00	17.60 0.42 0.00	18.97 0.46 0.00	18.73 0.44 0.00	19.80 0.50 0.00	20.95 0.66 0.00	22.50 0.77 0.00	19.99 0.70 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.92 0.63 0.00	19.03 0.66 0.00	19.89 0.75 0.00	17.84 0.70 0.00	16.90 0.66 0.00	16.77 0.64 0.00	17.50 0.68 0.00	16.01 0.62 0.00	16.30 0.61 0.00
LOVETT___5 23593	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.18 0.48 0.00	17.60 0.42 0.00	18.97 0.46 0.00	18.73 0.44 0.00	19.80 0.50 0.00	20.95 0.66 0.00	22.50 0.77 0.00	19.99 0.70 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.92 0.63 0.00	19.03 0.66 0.00	19.89 0.75 0.00	17.84 0.70 0.00	16.90 0.66 0.00	16.77 0.64 0.00	17.50 0.68 0.00	16.01 0.62 0.00	16.30 0.61 0.00
LOWER RAQUET___HYD 24057	20.36 -0.05 0.00	20.46 -0.07 0.00	18.53 -0.07 0.00	18.77 -0.09 0.00	19.22 -0.06 0.00	18.66 -0.05 0.00	17.15 -0.03 0.00	18.52 0.01 0.00	18.33 0.04 0.00	19.34 0.04 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.32 0.03 0.00	17.59 -0.01 0.00	18.06 -0.04 0.00	18.23 -0.06 0.00	18.28 -0.08 0.00	19.03 -0.10 0.00	17.00 -0.15 0.00	16.09 -0.14 0.00	16.04 -0.09 0.00	16.73 -0.09 0.00	15.28 -0.11 0.00	15.56 -0.14 0.00
LOWER___HUDSON 24059	20.88 0.46 0.00	21.02 0.49 0.00	19.04 0.44 0.00	19.31 0.45 0.00	19.68 0.40 0.00	19.13 0.42 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.70 0.41 0.00	19.76 0.45 0.00	20.77 0.48 0.00	22.28 0.54 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.56 0.47 0.00	18.79 0.50 0.00	18.84 0.48 0.00	19.66 0.52 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.53 0.40 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.10 0.40 0.00
LOWVILLE_115KV_TB2 356335	20.56 0.15 0.00	20.67 0.14 0.00	18.68 0.08 0.00	18.84 -0.02 0.00	19.33 0.05 0.00	18.77 0.07 0.00	17.27 0.09 0.00	18.66 0.15 0.00	18.44 0.15 0.00	19.40 0.10 0.00	20.39 0.10 0.00	21.84 0.10 0.00	19.33 0.04 0.00	17.44 -0.16 0.00	17.97 -0.12 0.00	18.15 -0.14 0.00	18.28 -0.08 0.00	19.08 -0.06 0.00	16.84 -0.30 0.00	15.82 -0.41 0.00	15.90 -0.23 0.00	16.55 -0.27 0.00	15.20 -0.18 0.00	15.40 -0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.16 0.74 0.00	21.29 0.76 0.00	19.26 0.66 0.00	19.54 0.68 0.00	19.93 0.65 0.00	19.38 0.68 0.00	17.77 0.59 0.00	19.18 0.66 0.00	18.99 0.71 0.00	20.08 0.77 0.00	21.10 0.81 0.00	22.61 0.87 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.83 0.73 0.00	19.06 0.77 0.00	19.14 0.78 0.00	19.95 0.82 0.00	17.87 0.73 0.00	16.91 0.68 0.00	16.78 0.65 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
LUTHERNY_35_KV_BK2 355980	21.16 0.74 0.00	21.28 0.75 0.00	19.25 0.65 0.00	19.53 0.67 0.00	19.92 0.65 0.00	19.37 0.67 0.00	17.77 0.58 0.00	19.20 0.68 0.00	19.00 0.71 0.00	20.09 0.79 0.00	21.09 0.80 0.00	22.61 0.87 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.82 0.73 0.00	19.06 0.77 0.00	19.13 0.77 0.00	19.95 0.82 0.00	17.88 0.74 0.00	16.92 0.69 0.00	16.79 0.66 0.00	17.56 0.73 0.00	16.04 0.65 0.00	16.31 0.61 0.00
LWR___OSWEGATCHIE_HYD 23850	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.58 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.20 0.00	19.10 -0.19 0.00	17.30 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00

LYONS_FALL_HYD 23570	20.65 0.24 0.00	20.75 0.23 0.00	18.77 0.17 0.00	18.98 0.11 0.00	19.44 0.16 0.00	18.88 0.17 0.00	17.37 0.18 0.00	18.75 0.24 0.00	18.53 0.24 0.00	19.52 0.22 0.00	20.51 0.22 0.00	21.97 0.23 0.00	19.41 0.12 0.00	17.59 -0.02 0.00	18.11 0.02 0.00	18.32 0.04 0.00	18.46 0.09 0.00	19.25 0.11 0.00	17.08 -0.06 0.00	16.09 -0.14 0.00	16.09 -0.03 0.00	16.76 -0.06 0.00	15.37 -0.02 0.00	15.60 -0.10 0.00
MADISON___COUNTY_LFGE 323628	20.77 0.36 0.00	20.89 0.36 0.00	18.91 0.31 0.00	19.17 0.30 0.00	19.61 0.34 0.00	19.05 0.34 0.00	17.53 0.34 0.00	18.91 0.40 0.00	18.69 0.40 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.12 0.38 0.00	19.47 0.18 0.00	17.73 0.12 0.00	18.29 0.20 0.00	18.57 0.28 0.00	18.71 0.35 0.00	19.48 0.34 0.00	17.40 0.25 0.00	16.45 0.22 0.00	16.34 0.22 0.00	17.02 0.20 0.00	15.56 0.17 0.00	15.84 0.13 0.00
MALONE___115KV_TB1 356076	21.03 0.62 0.00	21.12 0.60 0.00	19.13 0.52 0.00	19.39 0.53 0.00	19.84 0.56 0.00	19.26 0.56 0.00	17.71 0.53 0.00	19.14 0.62 0.00	18.99 0.70 0.00	20.06 0.75 0.00	21.05 0.76 0.00	22.54 0.81 0.00	20.02 0.74 0.00	18.24 0.64 0.00	18.73 0.64 0.00	18.91 0.62 0.00	18.95 0.59 0.00	19.72 0.59 0.00	17.64 0.50 0.00	16.73 0.50 0.00	16.65 0.52 0.00	17.38 0.56 0.00	15.86 0.48 0.00	16.14 0.45 0.00
MAPLEWOD_115KV_TB3 80458	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.36 0.00	19.22 0.36 0.00	19.59 0.31 0.00	19.03 0.33 0.00	17.48 0.29 0.00	18.79 0.28 0.00	18.60 0.32 0.00	19.64 0.34 0.00	20.65 0.36 0.00	22.15 0.41 0.00	19.65 0.36 0.00	17.97 0.36 0.00	18.48 0.39 0.00	18.70 0.41 0.00	18.76 0.40 0.00	19.57 0.43 0.00	17.53 0.39 0.00	16.61 0.38 0.00	16.48 0.35 0.00	17.24 0.41 0.00	15.76 0.37 0.00	16.07 0.37 0.00
MAPLE_RIDGE_WT_1 323574	20.44 0.03 0.00	20.53 0.00 0.00	18.61 0.00 0.00	18.86 0.00 0.00	19.30 0.02 0.00	18.72 0.02 0.00	17.20 0.02 0.00	18.54 0.02 0.00	18.30 0.01 0.00	19.34 0.04 0.00	20.33 0.04 0.00	21.78 0.04 0.00	19.33 0.04 0.00	17.63 0.03 0.00	18.10 0.01 0.00	18.29 0.00 0.00	18.32 -0.05 0.00	18.91 -0.23 0.00	16.84 -0.31 0.00	15.92 -0.31 0.00	15.86 -0.27 0.00	16.57 -0.25 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	20.44 0.03 0.00	20.53 0.00 0.00	18.61 0.00 0.00	18.86 0.00 0.00	19.30 0.02 0.00	18.72 0.02 0.00	17.20 0.02 0.00	18.54 0.02 0.00	18.30 0.01 0.00	19.34 0.04 0.00	20.33 0.04 0.00	21.78 0.04 0.00	19.33 0.04 0.00	17.63 0.03 0.00	18.10 0.01 0.00	18.29 0.00 0.00	18.32 -0.05 0.00	18.91 -0.23 0.00	16.84 -0.31 0.00	15.92 -0.31 0.00	15.86 -0.27 0.00	16.57 -0.25 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	20.96 0.55 0.00	21.07 0.54 0.00	19.09 0.48 0.00	19.35 0.49 0.00	19.78 0.50 0.00	19.19 0.49 0.00	17.62 0.44 0.00	19.03 0.52 0.00	18.88 0.59 0.00	19.94 0.64 0.00	20.94 0.65 0.00	22.44 0.70 0.00	19.92 0.63 0.00	18.15 0.55 0.00	18.65 0.56 0.00	18.85 0.56 0.00	18.87 0.51 0.00	19.64 0.50 0.00	17.56 0.42 0.00	16.66 0.43 0.00	16.56 0.43 0.00	17.32 0.50 0.00	15.82 0.44 0.00	16.11 0.41 0.00
MARSHVLE_115KV_TB1 80742	21.67 1.27 0.00	21.75 1.23 0.00	19.68 1.08 0.00	19.95 1.09 0.00	20.45 1.17 0.00	19.85 1.14 0.00	18.22 1.03 0.00	19.68 1.16 0.00	19.44 1.16 0.00	20.53 1.23 0.00	21.60 1.31 0.00	23.07 1.33 0.00	20.44 1.16 0.00	18.61 1.00 0.00	19.12 1.03 0.00	19.29 1.00 0.00	19.40 1.04 0.00	20.19 1.06 0.00	18.08 0.93 0.00	17.10 0.87 0.00	17.03 0.90 0.00	17.76 0.94 0.00	16.21 0.82 0.00	16.51 0.81 0.00
MARSH_HILL_WT_PWR 323713	19.73 -0.68 0.00	19.78 -0.75 0.00	17.86 -0.75 0.00	18.11 -0.75 0.00	18.75 -0.53 0.00	18.11 -0.59 0.00	16.70 -0.48 0.00	17.91 -0.61 0.00	17.72 -0.57 0.00	18.76 -0.54 0.00	19.58 -0.71 0.00	20.92 -0.82 0.00	18.50 -0.79 0.00	16.84 -0.77 0.00	17.32 -0.77 0.00	17.51 -0.78 0.00	17.45 -0.91 0.00	17.94 -1.20 0.00	15.90 -1.24 0.00	14.94 -1.30 0.00	14.78 -1.34 0.00	15.18 -1.64 0.00	13.82 -1.57 0.00	14.13 -1.57 0.00
MCINTYRE_115KV_TB2 80467	20.95 0.54 0.00	21.07 0.54 0.00	19.08 0.47 0.00	19.33 0.47 0.00	19.81 0.53 0.00	19.23 0.53 0.00	17.69 0.50 0.00	19.10 0.59 0.00	18.90 0.62 0.00	19.95 0.65 0.00	20.95 0.66 0.00	22.41 0.67 0.00	19.90 0.61 0.00	18.15 0.55 0.00	18.64 0.55 0.00	18.81 0.52 0.00	18.88 0.52 0.00	19.65 0.51 0.00	17.57 0.42 0.00	16.63 0.40 0.00	16.57 0.44 0.00	17.27 0.45 0.00	15.76 0.37 0.00	16.03 0.33 0.00
MECO___69_KV_BK1 80468	22.31 1.90 0.00	22.38 1.85 0.00	20.25 1.64 0.00	20.50 1.65 0.00	21.00 1.72 0.00	20.42 1.72 0.00	18.78 1.59 0.00	20.33 1.82 0.00	20.11 1.82 0.00	21.21 1.91 0.00	22.23 1.94 0.00	23.63 1.90 0.00	20.85 1.56 0.00	19.09 1.48 0.00	19.54 1.45 0.00	19.98 1.69 0.00	20.22 1.86 0.00	21.08 1.94 0.00	18.86 1.72 0.00	17.86 1.62 0.00	17.74 1.61 0.00	18.47 1.65 0.00	16.82 1.43 0.00	17.04 1.35 0.00
MENANDS___115KV_TB5 355628	20.67 0.26 0.00	20.80 0.27 0.00	18.88 0.27 0.00	19.13 0.26 0.00	19.49 0.21 0.00	18.93 0.23 0.00	17.40 0.21 0.00	18.69 0.18 0.00	18.50 0.21 0.00	19.53 0.22 0.00	20.53 0.24 0.00	22.02 0.29 0.00	19.55 0.26 0.00	17.88 0.28 0.00	18.39 0.30 0.00	18.60 0.31 0.00	18.66 0.30 0.00	19.46 0.32 0.00	17.43 0.29 0.00	16.52 0.29 0.00	16.39 0.27 0.00	17.14 0.32 0.00	15.68 0.29 0.00	16.01 0.30 0.00
MG INDUSTRY___DRP 24185	20.76 0.35 0.00	20.89 0.36 0.00	18.95 0.35 0.00	19.22 0.36 0.00	19.60 0.32 0.00	19.03 0.32 0.00	17.48 0.30 0.00	18.80 0.28 0.00	18.59 0.30 0.00	19.62 0.31 0.00	20.60 0.31 0.00	22.08 0.35 0.00	19.58 0.29 0.00	17.91 0.31 0.00	18.43 0.33 0.00	18.65 0.36 0.00	18.71 0.35 0.00	19.51 0.37 0.00	17.47 0.33 0.00	16.55 0.32 0.00	16.42 0.30 0.00	17.17 0.35 0.00	15.71 0.32 0.00	16.07 0.36 0.00
MID___OSWEGATCHIE_HYD 23849	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.58 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.20 0.00	19.10 -0.19 0.00	17.30 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00
MID___RAQUETTE_HYD 23851	20.35 -0.05 0.00	20.46 -0.07 0.00	18.53 -0.07 0.00	18.77 -0.09 0.00	19.22 -0.06 0.00	18.66 -0.04 0.00	17.15 -0.03 0.00	18.52 0.01 0.00	18.33 0.04 0.00	19.34 0.04 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.32 0.03 0.00	17.59 -0.01 0.00	18.06 -0.04 0.00	18.23 -0.06 0.00	18.29 -0.08 0.00	19.03 -0.10 0.00	17.00 -0.15 0.00	16.09 -0.14 0.00	16.04 -0.09 0.00	16.73 -0.09 0.00	15.28 -0.11 0.00	15.56 -0.14 0.00

MILLIKEN___1 23584	20.50 0.09 0.00	20.61 0.08 0.00	18.66 0.05 0.00	18.91 0.05 0.00	19.38 0.11 0.00	18.81 0.11 0.00	17.32 0.13 0.00	18.69 0.17 0.00	18.45 0.16 0.00	19.43 0.13 0.00	20.31 0.02 0.00	21.73 -0.01 0.00	19.22 -0.07 0.00	17.50 -0.10 0.00	18.02 -0.07 0.00	18.27 -0.02 0.00	18.42 0.06 0.00	19.23 0.09 0.00	17.22 0.08 0.00	16.29 0.06 0.00	16.16 0.03 0.00	16.81 -0.02 0.00	15.37 -0.02 0.00	15.66 -0.02 0.00
MILLIKEN___2 23585	20.50 0.09 0.00	20.61 0.08 0.00	18.66 0.05 0.00	18.91 0.05 0.00	19.38 0.11 0.00	18.81 0.11 0.00	17.32 0.13 0.00	18.69 0.17 0.00	18.45 0.16 0.00	19.43 0.13 0.00	20.31 0.02 0.00	21.73 -0.01 0.00	19.22 -0.07 0.00	17.50 -0.10 0.00	18.02 -0.07 0.00	18.27 -0.02 0.00	18.42 0.06 0.00	19.23 0.09 0.00	17.22 0.08 0.00	16.29 0.06 0.00	16.16 0.03 0.00	16.81 -0.02 0.00	15.37 -0.02 0.00	15.66 -0.04 0.00
MILLIKEN___DIESEL 23629	20.50 0.09 0.00	20.61 0.08 0.00	18.66 0.05 0.00	18.91 0.05 0.00	19.38 0.11 0.00	18.81 0.11 0.00	17.32 0.13 0.00	18.69 0.17 0.00	18.45 0.16 0.00	19.43 0.13 0.00	20.31 0.02 0.00	21.73 -0.01 0.00	19.22 -0.07 0.00	17.50 -0.10 0.00	18.02 -0.07 0.00	18.27 -0.02 0.00	18.42 0.06 0.00	19.23 0.09 0.00	17.22 0.08 0.00	16.29 0.06 0.00	16.16 0.03 0.00	16.81 -0.02 0.00	15.37 -0.02 0.00	15.66 -0.04 0.00
MILLSEAT___LFGE 323607	19.28 -1.13 0.00	19.36 -1.17 0.00	17.49 -1.11 0.00	17.75 -1.11 0.00	18.37 -0.91 0.00	17.83 -0.87 0.00	16.44 -0.74 0.00	17.68 -0.84 0.00	17.48 -0.80 0.00	18.35 -0.96 0.00	19.05 -1.24 0.00	20.36 -1.38 0.00	18.05 -1.24 0.00	16.47 -1.14 0.00	16.89 -1.20 0.00	17.05 -1.24 0.00	17.08 -1.28 0.00	17.85 -1.29 0.00	16.06 -1.09 0.00	15.22 -1.01 0.00	15.16 -0.97 0.00	15.61 -1.22 0.00	14.25 -1.13 0.00	14.65 -1.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.06 0.65 0.00	21.20 0.67 0.00	19.24 0.64 0.00	19.50 0.64 0.00	19.85 0.57 0.00	19.24 0.53 0.00	17.66 0.48 0.00	19.03 0.52 0.00	18.79 0.50 0.00	19.87 0.57 0.00	21.02 0.73 0.00	22.58 0.85 0.00	20.05 0.76 0.00	18.31 0.71 0.00	18.81 0.72 0.00	18.99 0.70 0.00	19.10 0.74 0.00	19.95 0.81 0.00	17.89 0.75 0.00	16.95 0.72 0.00	16.81 0.69 0.00	17.55 0.73 0.00	16.06 0.68 0.00	16.36 0.66 0.00
MILLWOOD_13_KV_LOAD 356217	21.10 0.69 0.00	21.24 0.71 0.00	19.28 0.67 0.00	19.54 0.68 0.00	19.89 0.61 0.00	19.28 0.57 0.00	17.69 0.51 0.00	19.08 0.56 0.00	18.83 0.54 0.00	19.91 0.60 0.00	21.06 0.77 0.00	22.63 0.89 0.00	20.10 0.80 0.00	18.35 0.74 0.00	18.85 0.76 0.00	19.03 0.74 0.00	19.14 0.78 0.00	20.00 0.86 0.00	17.93 0.79 0.00	16.98 0.76 0.00	16.85 0.72 0.00	17.60 0.77 0.00	16.10 0.71 0.00	16.40 0.70 0.00
MODEL_CITY_ENERGY 24167	18.71 -1.69 0.00	18.81 -1.71 0.00	17.00 -1.60 0.00	17.26 -1.61 0.00	17.87 -1.40 0.00	17.34 -1.37 0.00	15.97 -1.21 0.00	17.13 -1.38 0.00	16.94 -1.35 0.00	17.79 -1.52 0.00	18.49 -1.80 0.00	19.81 -1.93 0.00	17.60 -1.68 0.00	16.05 -1.55 0.00	16.43 -1.66 0.00	16.54 -1.74 0.00	16.50 -1.86 0.00	17.23 -1.90 0.00	15.51 -1.63 0.00	14.71 -1.52 0.00	14.66 -1.47 0.00	15.08 -1.74 0.00	13.79 -1.60 0.00	14.22 -1.48 0.00
MODERN_LFGE___ 323580	18.71 -1.69 0.00	18.81 -1.71 0.00	17.00 -1.60 0.00	17.26 -1.61 0.00	17.87 -1.40 0.00	17.34 -1.37 0.00	15.97 -1.21 0.00	17.13 -1.38 0.00	16.94 -1.35 0.00	17.79 -1.52 0.00	18.49 -1.80 0.00	19.81 -1.93 0.00	17.60 -1.68 0.00	16.05 -1.55 0.00	16.43 -1.66 0.00	16.54 -1.74 0.00	16.50 -1.86 0.00	17.23 -1.90 0.00	15.51 -1.63 0.00	14.71 -1.52 0.00	14.66 -1.47 0.00	15.08 -1.74 0.00	13.79 -1.60 0.00	14.22 -1.48 0.00
MOHAWK_PAPER___DRP 24187	20.78 0.37 0.00	20.91 0.38 0.00	18.96 0.36 0.00	19.22 0.36 0.00	19.59 0.31 0.00	19.03 0.33 0.00	17.48 0.29 0.00	18.79 0.28 0.00	18.60 0.32 0.00	19.64 0.34 0.00	20.65 0.36 0.00	22.15 0.41 0.00	19.65 0.36 0.00	17.97 0.36 0.00	18.48 0.39 0.00	18.70 0.41 0.00	18.76 0.40 0.00	19.57 0.43 0.00	17.53 0.39 0.00	16.61 0.38 0.00	16.48 0.35 0.00	17.24 0.41 0.00	15.76 0.37 0.00	16.07 0.37 0.00
MOHICAN___35_KV_115KV_LD 80490	21.32 0.91 0.00	21.43 0.90 0.00	19.35 0.75 0.00	19.64 0.78 0.00	20.04 0.76 0.00	19.50 0.80 0.00	17.86 0.68 0.00	19.31 0.79 0.00	19.17 0.88 0.00	20.28 0.98 0.00	21.31 1.02 0.00	22.83 1.09 0.00	20.20 0.91 0.00	18.43 0.82 0.00	19.00 0.90 0.00	19.23 0.94 0.00	19.34 0.98 0.00	20.15 1.01 0.00	18.03 0.88 0.00	17.03 0.80 0.00	16.89 0.76 0.00	17.68 0.86 0.00	16.16 0.77 0.00	16.38 0.68 0.00
MONGAUP___HYD 23641	21.00 0.59 0.00	21.11 0.58 0.00	19.14 0.54 0.00	19.40 0.53 0.00	19.76 0.49 0.00	19.17 0.47 0.00	17.61 0.43 0.00	19.06 0.54 0.00	18.77 0.48 0.00	19.82 0.52 0.00	20.93 0.64 0.00	22.42 0.68 0.00	19.89 0.60 0.00	18.11 0.50 0.00	18.57 0.47 0.00	18.84 0.55 0.00	19.02 0.66 0.00	19.98 0.84 0.00	17.85 0.70 0.00	16.88 0.65 0.00	16.75 0.63 0.00	17.54 0.72 0.00	15.98 0.60 0.00	16.32 0.62 0.00
MONTAUK___DIESEL 23721	22.37 1.96 0.00	22.45 1.92 0.00	20.43 1.82 0.00	20.70 1.83 0.00	21.06 1.79 0.00	20.30 1.60 0.00	18.67 1.49 0.00	19.97 1.45 0.00	19.94 1.65 0.00	21.02 1.72 0.00	22.31 2.02 0.00	23.84 2.11 0.00	21.18 1.89 0.00	19.63 1.73 -0.30	39.89 1.80 -20.00	19.97 1.68 0.00	20.26 1.90 0.00	21.16 2.02 0.00	18.89 1.75 0.00	18.36 1.82 -0.31	17.69 1.57 0.00	18.45 1.63 0.00	17.52 1.74 -0.39	17.36 1.66 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.61 -0.80 0.00	19.81 -0.72 0.00	17.97 -0.64 0.00	18.18 -0.69 0.00	18.76 -0.52 0.00	18.16 -0.54 0.00	16.74 -0.45 0.00	18.00 -0.51 0.00	17.76 -0.53 0.00	18.76 -0.54 0.00	19.60 -0.70 0.00	21.11 -0.63 0.00	18.72 -0.57 0.00	17.01 -0.60 0.00	17.46 -0.63 0.00	17.58 -0.71 0.00	17.39 -0.97 0.00	18.01 -1.12 0.00	15.99 -1.15 0.00	14.95 -1.28 0.00	14.82 -1.31 0.00	15.35 -1.47 0.00	14.00 -1.39 0.00	14.47 -1.23 0.00
MORTIMER_115KV_TB3 55949	19.50 -0.91 0.00	19.60 -0.93 0.00	17.74 -0.87 0.00	17.98 -0.88 0.00	18.52 -0.76 0.00	17.98 -0.73 0.00	16.58 -0.61 0.00	17.88 -0.63 0.00	17.63 -0.66 0.00	18.53 -0.77 0.00	19.32 -0.97 0.00	20.67 -1.07 0.00	18.34 -0.95 0.00	16.73 -0.87 0.00	17.18 -0.92 0.00	17.36 -0.93 0.00	17.40 -0.96 0.00	18.18 -0.96 0.00	16.34 -0.81 0.00	15.47 -0.76 0.00	15.39 -0.73 0.00	15.92 -0.90 0.00	14.55 -0.83 0.00	14.88 -0.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.96 0.69 0.00	19.33 0.63 0.00	17.75 0.57 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.96 0.66 0.00	21.16 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.83 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.21 0.85 0.00	20.07 0.93 0.00	17.98 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00

MUNSVILLE_WIND_PWR 323609	21.80 1.39 0.00	21.94 1.41 0.00	19.83 1.22 0.00	20.13 1.26 0.00	20.64 1.36 0.00	20.01 1.31 0.00	18.43 1.24 0.00	19.87 1.36 0.00	19.59 1.30 0.00	20.56 1.25 0.00	21.35 1.06 0.00	22.86 1.12 0.00	20.24 0.95 0.00	18.41 0.80 0.00	18.94 0.84 0.00	19.19 0.90 0.00	19.42 1.06 0.00	20.17 1.03 0.00	17.92 0.77 0.00	16.92 0.69 0.00	16.69 0.56 0.00	17.38 0.55 0.00	15.85 0.46 0.00	16.02 0.33 0.00
N SALMON___HYD 24042	21.03 0.62 0.00	21.12 0.60 0.00	19.13 0.52 0.00	19.39 0.53 0.00	19.84 0.56 0.00	19.26 0.56 0.00	17.71 0.52 0.00	19.14 0.62 0.00	18.98 0.70 0.00	20.06 0.75 0.00	21.05 0.76 0.00	22.55 0.81 0.00	20.02 0.74 0.00	18.24 0.63 0.00	18.73 0.64 0.00	18.91 0.62 0.00	18.95 0.58 0.00	19.72 0.59 0.00	17.64 0.50 0.00	16.73 0.50 0.00	16.65 0.52 0.00	17.38 0.56 0.00	15.87 0.48 0.00	16.14 0.45 0.00
N.AKRON___115KV_KNAPP 355671	19.28 -1.13 0.00	19.36 -1.17 0.00	17.49 -1.11 0.00	17.75 -1.11 0.00	18.37 -0.91 0.00	17.82 -0.88 0.00	16.44 -0.74 0.00	17.72 -0.80 0.00	17.48 -0.81 0.00	18.34 -0.96 0.00	19.05 -1.25 0.00	20.36 -1.37 0.00	18.07 -1.22 0.00	16.48 -1.13 0.00	16.89 -1.20 0.00	17.07 -1.22 0.00	17.07 -1.30 0.00	17.83 -1.31 0.00	16.05 -1.09 0.00	15.21 -1.02 0.00	15.15 -0.98 0.00	15.60 -1.23 0.00	14.24 -1.14 0.00	14.64 -1.06 0.00
N.BELMOR_69_KV_BK1 55787	21.48 1.07 0.00	21.60 1.07 0.00	19.64 1.03 0.00	19.91 1.05 0.00	20.24 0.96 0.00	19.53 0.83 0.00	17.96 0.77 0.00	19.32 0.81 0.00	19.12 0.83 0.00	20.17 0.87 0.00	21.47 1.18 0.00	23.06 1.33 0.00	20.48 1.19 0.00	19.03 1.13 -0.30	39.25 1.16 -20.00	19.36 1.07 0.00	19.52 1.16 0.00	20.38 1.24 0.00	18.27 1.14 0.00	17.66 1.12 -0.31	17.17 1.05 0.00	17.93 1.11 0.00	16.84 1.06 -0.39	16.73 1.03 0.00
N.E._GEN_SANDY PD 24062	20.84 0.50 0.08	21.08 0.55 0.00	19.10 0.49 0.00	19.37 0.51 0.00	19.59 0.43 0.11	19.24 0.46 -0.08	17.56 0.37 0.00	18.91 0.40 0.00	18.69 0.40 0.00	19.76 0.46 0.00	20.83 0.54 0.00	22.37 0.63 0.00	19.83 0.54 0.00	18.11 0.50 0.00	18.63 0.54 0.00	18.84 0.55 0.00	18.89 0.54 0.00	19.72 0.58 0.00	17.68 0.53 0.00	16.75 0.52 0.00	16.60 0.47 0.00	17.37 0.54 0.00	15.89 0.50 0.00	16.18 0.48 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.03 0.62 0.00	21.16 0.63 0.00	19.21 0.60 0.00	19.46 0.61 0.00	19.82 0.54 0.00	19.21 0.51 0.00	17.63 0.44 0.00	19.00 0.49 0.00	18.76 0.47 0.00	19.83 0.53 0.00	20.98 0.69 0.00	22.54 0.80 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.77 0.68 0.00	18.95 0.66 0.00	19.06 0.70 0.00	19.92 0.79 0.00	17.88 0.74 0.00	16.93 0.69 0.00	16.80 0.67 0.00	17.53 0.71 0.00	16.04 0.65 0.00	16.33 0.63 0.00
N.QUEENS_27_KV_LOAD 356247	21.22 0.81 0.00	21.41 0.88 0.00	19.42 0.81 0.00	19.66 0.79 0.00	19.98 0.70 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.15 0.63 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.21 0.91 0.00	22.74 1.00 0.00	20.17 0.88 0.00	18.46 0.85 0.00	18.95 0.86 0.00	19.12 0.83 0.00	19.22 0.86 0.00	20.07 0.93 0.00	18.02 0.88 0.00	17.06 0.83 0.00	16.94 0.81 0.00	17.69 0.87 0.00	16.22 0.83 0.00	16.48 0.78 0.00
N.TROY___115KV_TB1 355778	20.88 0.46 0.00	21.03 0.50 0.00	19.04 0.44 0.00	19.31 0.45 0.00	19.68 0.40 0.00	19.13 0.42 0.00	17.53 0.34 0.00	18.88 0.37 0.00	18.70 0.41 0.00	19.76 0.45 0.00	20.77 0.48 0.00	22.28 0.54 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.56 0.47 0.00	18.79 0.50 0.00	18.84 0.48 0.00	19.66 0.52 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.53 0.40 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.10 0.40 0.00
NARROWS_GT1_1 24228	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_2 24229	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_3 24230	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_4 24231	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_5 24232	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_6 24233	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT1_7 24234	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00

NARROWS_GT1_8 24235	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_1 24236	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_2 24237	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_3 24238	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_4 24239	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_5 24240	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_6 24241	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_7 24242	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NARROWS_GT2_8 24243	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.15 0.74 0.00	21.26 0.73 0.00	19.28 0.68 0.00	19.54 0.67 0.00	19.93 0.65 0.00	19.38 0.67 0.00	17.84 0.66 0.00	19.20 0.68 0.00	19.04 0.75 0.00	20.04 0.74 0.00	20.95 0.66 0.00	22.40 0.65 0.00	19.82 0.53 0.00	18.17 0.56 0.00	18.73 0.64 0.00	18.97 0.68 0.00	19.12 0.76 0.00	19.97 0.83 0.00	17.87 0.73 0.00	16.93 0.70 0.00	16.79 0.67 0.00	17.55 0.73 0.00	16.02 0.64 0.00	16.35 0.64 0.00
NCHELSEA_115KV_TR2 355582	21.23 0.82 0.00	21.36 0.83 0.00	19.37 0.76 0.00	19.63 0.77 0.00	19.99 0.72 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.20 0.69 0.00	18.96 0.68 0.00	20.05 0.74 0.00	21.17 0.88 0.00	22.74 1.00 0.00	20.18 0.89 0.00	18.42 0.82 0.00	18.93 0.84 0.00	19.14 0.85 0.00	19.26 0.90 0.00	20.12 0.98 0.00	18.05 0.90 0.00	17.09 0.86 0.00	16.95 0.82 0.00	17.70 0.87 0.00	16.18 0.79 0.00	16.47 0.77 0.00
NEG CAPITAL___MECHNVIL 23645	21.15 0.74 0.00	21.28 0.76 0.00	19.26 0.66 0.00	19.54 0.67 0.00	19.93 0.65 0.00	19.37 0.67 0.00	17.77 0.59 0.00	19.18 0.66 0.00	18.99 0.70 0.00	20.07 0.77 0.00	21.10 0.80 0.00	22.62 0.88 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.83 0.73 0.00	19.06 0.77 0.00	19.14 0.78 0.00	19.96 0.82 0.00	17.87 0.73 0.00	16.92 0.69 0.00	16.78 0.65 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.28 -1.14 0.00	19.37 -1.16 0.00	17.53 -1.08 0.00	17.77 -1.09 0.00	18.28 -0.99 0.00	17.75 -0.95 0.00	16.36 -0.83 0.00	17.63 -0.89 0.00	17.41 -0.88 0.00	18.31 -0.99 0.00	19.10 -1.19 0.00	20.43 -1.31 0.00	18.12 -1.17 0.00	16.54 -1.07 0.00	16.99 -1.10 0.00	17.19 -1.10 0.00	17.26 -1.10 0.00	18.03 -1.11 0.00	16.19 -0.96 0.00	15.32 -0.91 0.00	15.23 -0.90 0.00	15.77 -1.05 0.00	14.41 -0.97 0.00	14.74 -0.96 0.00
NEG CENTRAL___DRP 24199	20.04 -0.37 0.00	20.13 -0.39 0.00	18.21 -0.39 0.00	18.46 -0.40 0.00	18.96 -0.32 0.00	18.40 -0.30 0.00	16.96 -0.22 0.00	18.30 -0.22 0.00	18.06 -0.23 0.00	19.02 -0.28 0.00	19.85 -0.44 0.00	21.23 -0.51 0.00	18.81 -0.48 0.00	17.14 -0.46 0.00	17.64 -0.45 0.00	17.87 -0.41 0.00	17.98 -0.38 0.00	18.76 -0.37 0.00	16.82 -0.33 0.00	15.90 -0.33 0.00	15.79 -0.34 0.00	16.39 -0.43 0.00	14.98 -0.41 0.00	15.30 -0.40 0.00
NEG CENTRAL___INDECK 23768	20.11 -0.30 0.00	20.17 -0.36 0.00	18.21 -0.39 0.00	18.47 -0.39 0.00	19.08 -0.19 0.00	18.53 -0.17 0.00	17.09 -0.09 0.00	18.42 -0.09 0.00	18.21 -0.08 0.00	19.11 -0.20 0.00	19.64 -0.65 0.00	20.95 -0.79 0.00	18.56 -0.74 0.00	16.90 -0.70 0.00	17.42 -0.67 0.00	17.72 -0.57 0.00	17.89 -0.47 0.00	18.67 -0.46 0.00	16.69 -0.46 0.00	15.77 -0.46 0.00	15.66 -0.46 0.00	16.16 -0.67 0.00	14.73 -0.65 0.00	15.03 -0.67 0.00

NEG CENTRAL___SENECA 23627	20.02 -0.39 0.00	20.11 -0.42 0.00	18.18 -0.43 0.00	18.44 -0.43 0.00	18.95 -0.33 0.00	18.39 -0.31 0.00	16.97 -0.22 0.00	18.32 -0.19 0.00	18.08 -0.21 0.00	19.04 -0.27 0.00	19.84 -0.45 0.00	21.21 -0.52 0.00	18.77 -0.52 0.00	17.10 -0.51 0.00	17.60 -0.49 0.00	17.84 -0.45 0.00	17.94 -0.42 0.00	18.73 -0.40 0.00	16.79 -0.36 0.00	15.87 -0.36 0.00	15.74 -0.38 0.00	16.32 -0.50 0.00	14.91 -0.48 0.00	15.25 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	20.19 -0.22 0.00	20.30 -0.23 0.00	18.38 -0.23 0.00	18.63 -0.23 0.00	19.09 -0.18 0.00	18.54 -0.16 0.00	17.07 -0.11 0.00	18.40 -0.11 0.00	18.15 -0.13 0.00	19.14 -0.16 0.00	20.01 -0.28 0.00	21.41 -0.33 0.00	18.97 -0.32 0.00	17.30 -0.31 0.00	17.80 -0.29 0.00	18.04 -0.25 0.00	18.16 -0.21 0.00	18.94 -0.19 0.00	16.98 -0.16 0.00	16.06 -0.17 0.00	15.95 -0.18 0.00	16.58 -0.24 0.00	15.17 -0.22 0.00	15.47 -0.23 0.00
NEG MILLWOOD___DRP 24198	21.30 0.89 0.00	21.43 0.90 0.00	19.43 0.83 0.00	19.70 0.84 0.00	20.06 0.78 0.00	19.45 0.74 0.00	17.86 0.68 0.00	19.27 0.75 0.00	19.03 0.74 0.00	20.12 0.82 0.00	21.27 0.98 0.00	22.84 1.10 0.00	20.27 0.98 0.00	18.51 0.91 0.00	19.03 0.93 0.00	19.22 0.93 0.00	19.33 0.97 0.00	20.21 1.07 0.00	18.11 0.97 0.00	17.16 0.92 0.00	17.02 0.90 0.00	17.77 0.94 0.00	16.25 0.86 0.00	16.53 0.83 0.00
NEG NORTH_FLCN_SEA 23793	21.21 0.80 0.00	21.32 0.79 0.00	19.31 0.70 0.00	19.58 0.72 0.00	20.00 0.73 0.00	19.42 0.72 0.00	17.84 0.66 0.00	19.28 0.77 0.00	19.15 0.86 0.00	20.24 0.94 0.00	21.25 0.95 0.00	22.76 1.03 0.00	20.19 0.90 0.00	18.40 0.79 0.00	18.91 0.82 0.00	19.12 0.83 0.00	19.14 0.78 0.00	19.92 0.79 0.00	17.81 0.67 0.00	16.89 0.65 0.00	16.77 0.64 0.00	17.55 0.73 0.00	16.05 0.66 0.00	16.32 0.62 0.00
NEG NORTH_KES_CHATAGAY 23792	21.00 0.59 0.00	21.10 0.57 0.00	19.11 0.50 0.00	19.38 0.51 0.00	19.81 0.54 0.00	19.23 0.52 0.00	17.66 0.48 0.00	19.08 0.56 0.00	18.92 0.64 0.00	19.98 0.69 0.00	20.98 0.69 0.00	22.49 0.75 0.00	19.97 0.68 0.00	18.20 0.59 0.00	18.69 0.60 0.00	18.88 0.59 0.00	18.90 0.54 0.00	19.67 0.53 0.00	17.59 0.45 0.00	16.69 0.46 0.00	16.60 0.48 0.00	17.35 0.53 0.00	15.84 0.45 0.00	16.13 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	21.26 0.85 0.00	21.35 0.82 0.00	19.33 0.72 0.00	19.60 0.74 0.00	20.03 0.75 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.32 0.81 0.00	19.20 0.91 0.00	20.29 0.98 0.00	21.30 1.01 0.00	22.81 1.07 0.00	20.25 0.96 0.00	18.45 0.85 0.00	18.97 0.87 0.00	19.16 0.88 0.00	19.19 0.82 0.00	19.98 0.84 0.00	17.86 0.71 0.00	16.93 0.70 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.07 0.68 0.00	16.34 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	21.26 0.85 0.00	21.35 0.82 0.00	19.33 0.72 0.00	19.60 0.74 0.00	20.03 0.75 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.32 0.81 0.00	19.20 0.91 0.00	20.29 0.98 0.00	21.30 1.01 0.00	22.81 1.07 0.00	20.25 0.96 0.00	18.45 0.85 0.00	18.97 0.87 0.00	19.16 0.88 0.00	19.19 0.82 0.00	19.98 0.84 0.00	17.86 0.71 0.00	16.93 0.70 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.07 0.68 0.00	16.34 0.64 0.00
NEG NORTH___PLATTSBURG 23628	21.26 0.85 0.00	21.35 0.82 0.00	19.33 0.72 0.00	19.60 0.74 0.00	20.03 0.75 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.32 0.81 0.00	19.20 0.91 0.00	20.29 0.98 0.00	21.30 1.01 0.00	22.81 1.07 0.00	20.25 0.96 0.00	18.45 0.85 0.00	18.97 0.87 0.00	19.16 0.88 0.00	19.19 0.82 0.00	19.97 0.84 0.00	17.86 0.71 0.00	16.93 0.70 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.07 0.68 0.00	16.34 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	18.92 -1.49 0.00	19.02 -1.51 0.00	17.19 -1.42 0.00	17.44 -1.42 0.00	18.06 -1.22 0.00	17.52 -1.19 0.00	16.15 -1.04 0.00	17.39 -1.13 0.00	17.14 -1.14 0.00	17.99 -1.32 0.00	18.71 -1.58 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.23 -1.38 0.00	16.62 -1.48 0.00	16.75 -1.54 0.00	16.69 -1.67 0.00	17.42 -1.72 0.00	15.69 -1.45 0.00	14.87 -1.36 0.00	14.82 -1.31 0.00	15.25 -1.57 0.00	13.94 -1.45 0.00	14.34 -1.36 0.00
NEG WEST___LANCASTER 23811	19.80 -0.61 0.00	19.91 -0.62 0.00	17.99 -0.61 0.00	18.25 -0.61 0.00	18.88 -0.40 0.00	18.30 -0.41 0.00	16.88 -0.31 0.00	18.22 -0.29 0.00	17.94 -0.35 0.00	18.86 -0.44 0.00	19.65 -0.64 0.00	21.04 -0.69 0.00	18.61 -0.68 0.00	16.94 -0.66 0.00	17.37 -0.72 0.00	17.51 -0.78 0.00	17.50 -0.86 0.00	18.28 -0.86 0.00	16.41 -0.73 0.00	15.54 -0.69 0.00	15.48 -0.65 0.00	15.99 -0.83 0.00	14.63 -0.75 0.00	14.99 -0.71 0.00
NEG_PENN_ALLEGHNY 23528	20.23 -0.19 0.00	20.35 -0.18 0.00	18.41 -0.19 0.00	18.67 -0.19 0.00	19.13 -0.14 0.00	18.55 -0.15 0.00	17.07 -0.11 0.00	18.42 -0.09 0.00	18.18 -0.11 0.00	19.17 -0.13 0.00	20.10 -0.19 0.00	21.53 -0.21 0.00	19.06 -0.22 0.00	17.37 -0.24 0.00	17.86 -0.23 0.00	18.06 -0.23 0.00	18.16 -0.20 0.00	18.95 -0.19 0.00	16.96 -0.18 0.00	16.04 -0.19 0.00	15.92 -0.21 0.00	16.57 -0.25 0.00	15.16 -0.23 0.00	15.47 -0.23 0.00
NEG___GEN_MONROE 24207	19.57 -0.84 0.00	19.67 -0.86 0.00	17.79 -0.82 0.00	18.04 -0.82 0.00	18.59 -0.69 0.00	18.05 -0.65 0.00	16.65 -0.54 0.00	17.97 -0.55 0.00	17.72 -0.57 0.00	18.61 -0.69 0.00	19.38 -0.91 0.00	20.70 -1.04 0.00	18.36 -0.93 0.00	16.75 -0.85 0.00	17.19 -0.90 0.00	17.39 -0.90 0.00	17.45 -0.91 0.00	18.24 -0.90 0.00	16.39 -0.75 0.00	15.53 -0.70 0.00	15.45 -0.68 0.00	15.98 -0.85 0.00	14.59 -0.79 0.00	14.93 -0.77 0.00
NEPA___ENERGY 23901	19.27 -1.15 0.00	19.43 -1.10 0.00	17.55 -1.05 0.00	17.80 -1.06 0.00	18.40 -0.87 0.00	17.82 -0.88 0.00	16.43 -0.76 0.00	17.76 -0.75 0.00	17.48 -0.81 0.00	18.42 -0.88 0.00	19.22 -1.07 0.00	20.64 -1.10 0.00	18.26 -1.04 0.00	16.58 -1.03 0.00	17.03 -1.06 0.00	17.15 -1.14 0.00	17.12 -1.25 0.00	17.86 -1.28 0.00	16.00 -1.14 0.00	15.08 -1.16 0.00	14.98 -1.15 0.00	15.51 -1.31 0.00	14.18 -1.21 0.00	14.53 -1.17 0.00
NEVERSink___HYD 23608	21.29 0.88 0.00	21.47 0.94 0.00	19.47 0.86 0.00	19.74 0.88 0.00	20.11 0.83 0.00	19.51 0.80 0.00	17.92 0.73 0.00	19.33 0.82 0.00	19.10 0.81 0.00	20.19 0.88 0.00	21.32 1.03 0.00	22.88 1.14 0.00	20.32 1.03 0.00	18.53 0.93 0.00	18.99 0.89 0.00	19.21 0.93 0.00	19.38 1.01 0.00	20.26 1.12 0.00	18.18 1.03 0.00	17.20 0.97 0.00	17.07 0.94 0.00	17.79 0.97 0.00	16.27 0.88 0.00	16.55 0.85 0.00
NEWKRMKL_115KV_TB1 55635	20.58 0.16 0.00	20.70 0.17 0.00	18.80 0.19 0.00	19.05 0.19 0.00	19.42 0.14 0.00	18.85 0.15 0.00	17.35 0.17 0.00	18.62 0.11 0.00	18.43 0.14 0.00	19.44 0.14 0.00	20.44 0.15 0.00	21.92 0.18 0.00	19.46 0.17 0.00	17.82 0.21 0.00	18.31 0.22 0.00	18.53 0.23 0.00	18.58 0.22 0.00	19.38 0.24 0.00	17.36 0.22 0.00	16.46 0.23 0.00	16.34 0.21 0.00	17.08 0.26 0.00	15.62 0.24 0.00	15.96 0.26 0.00

NEWTON___FALLS_HYD 23847	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.58 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.20 0.00	19.10 -0.19 0.00	17.30 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00
NGRID_A1_DSASP 323792	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.67 0.00	17.18 -1.69 0.00	17.79 -1.48 0.00	17.26 -1.44 0.00	15.90 -1.28 0.00	17.06 -1.46 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.37 -1.72 0.00	16.47 -1.82 0.00	16.41 -1.95 0.00	17.14 -2.00 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
NGRID_A2_DSASP 323793	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.67 0.00	17.18 -1.69 0.00	17.79 -1.48 0.00	17.26 -1.44 0.00	15.90 -1.28 0.00	17.06 -1.46 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.37 -1.72 0.00	16.47 -1.82 0.00	16.41 -1.95 0.00	17.14 -2.00 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
NGRID_A4_DSASP 323807	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.67 0.00	17.18 -1.69 0.00	17.79 -1.48 0.00	17.26 -1.44 0.00	15.90 -1.28 0.00	17.06 -1.46 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.37 -1.72 0.00	16.47 -1.82 0.00	16.41 -1.95 0.00	17.14 -2.00 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
NIAGARA_115E_LBMP 323715	18.60 -1.81 0.00	18.69 -1.83 0.00	16.90 -1.70 0.00	17.15 -1.71 0.00	17.76 -1.51 0.00	17.23 -1.47 0.00	15.87 -1.31 0.00	17.02 -1.49 0.00	16.83 -1.45 0.00	17.67 -1.63 0.00	18.38 -1.91 0.00	19.69 -2.05 0.00	17.50 -1.79 0.00	15.96 -1.64 0.00	16.33 -1.76 0.00	16.44 -1.85 0.00	16.39 -1.97 0.00	17.11 -2.03 0.00	15.41 -1.74 0.00	14.61 -1.62 0.00	14.56 -1.57 0.00	14.98 -1.84 0.00	13.70 -1.69 0.00	14.13 -1.57 0.00
NIAGARA_115W_LBMP 323714	18.58 -1.83 0.00	18.69 -1.84 0.00	16.90 -1.70 0.00	17.14 -1.72 0.00	17.76 -1.52 0.00	17.23 -1.48 0.00	15.87 -1.31 0.00	17.02 -1.49 0.00	16.82 -1.46 0.00	17.66 -1.64 0.00	18.38 -1.91 0.00	19.70 -2.04 0.00	17.51 -1.78 0.00	15.97 -1.63 0.00	16.34 -1.76 0.00	16.44 -1.85 0.00	16.38 -1.98 0.00	17.10 -2.04 0.00	15.40 -1.74 0.00	14.61 -1.62 0.00	14.56 -1.57 0.00	14.98 -1.84 0.00	13.70 -1.69 0.00	14.08 -1.62 0.00
NIAGARA_230_LBMP 323716	18.74 -1.67 0.00	18.86 -1.67 0.00	17.05 -1.56 0.00	17.29 -1.57 0.00	17.91 -1.37 0.00	17.37 -1.33 0.00	16.01 -1.17 0.00	17.19 -1.33 0.00	16.97 -1.32 0.00	17.82 -1.48 0.00	18.55 -1.74 0.00	19.88 -1.85 0.00	17.66 -1.63 0.00	16.11 -1.50 0.00	16.48 -1.61 0.00	16.58 -1.71 0.00	16.54 -1.83 0.00	17.27 -1.87 0.00	15.55 -1.60 0.00	14.74 -1.49 0.00	14.69 -1.44 0.00	15.13 -1.69 0.00	13.83 -1.56 0.00	14.22 -1.48 0.00
NIAGARA___115KV_198_GIBSON 55903	18.58 -1.83 0.00	18.69 -1.84 0.00	16.90 -1.71 0.00	17.14 -1.72 0.00	17.76 -1.52 0.00	17.22 -1.49 0.00	15.87 -1.31 0.00	17.08 -1.44 0.00	16.83 -1.46 0.00	17.66 -1.64 0.00	18.38 -1.91 0.00	19.70 -2.04 0.00	17.51 -1.78 0.00	15.97 -1.63 0.00	16.34 -1.75 0.00	16.46 -1.84 0.00	16.37 -1.99 0.00	17.09 -2.05 0.00	15.40 -1.74 0.00	14.61 -1.62 0.00	14.56 -1.57 0.00	14.98 -1.84 0.00	13.69 -1.70 0.00	14.07 -1.63 0.00
NIAGARA____ 23760	18.74 -1.67 0.00	18.86 -1.67 0.00	17.05 -1.56 0.00	17.29 -1.57 0.00	17.91 -1.37 0.00	17.37 -1.33 0.00	16.01 -1.17 0.00	17.19 -1.33 0.00	16.97 -1.32 0.00	17.82 -1.48 0.00	18.55 -1.74 0.00	19.88 -1.85 0.00	17.66 -1.63 0.00	16.11 -1.50 0.00	16.48 -1.61 0.00	16.58 -1.71 0.00	16.54 -1.83 0.00	17.27 -1.87 0.00	15.55 -1.60 0.00	14.74 -1.49 0.00	14.69 -1.44 0.00	15.13 -1.69 0.00	13.83 -1.56 0.00	14.22 -1.48 0.00
NINE_MILE_1 23575	19.70 -0.71 0.00	19.81 -0.72 0.00	17.96 -0.65 0.00	18.20 -0.66 0.00	18.63 -0.65 0.00	18.08 -0.62 0.00	16.63 -0.56 0.00	17.90 -0.61 0.00	17.67 -0.62 0.00	18.63 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.56 -0.73 0.00	16.95 -0.66 0.00	17.42 -0.67 0.00	17.62 -0.67 0.00	17.70 -0.66 0.00	18.45 -0.68 0.00	16.54 -0.60 0.00	15.66 -0.57 0.00	15.55 -0.57 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.14 -0.56 0.00
NINE_MILE_2 23744	19.71 -0.71 0.00	19.82 -0.71 0.00	17.96 -0.65 0.00	18.20 -0.66 0.00	18.63 -0.65 0.00	18.08 -0.62 0.00	16.63 -0.55 0.00	17.90 -0.61 0.00	17.67 -0.62 0.00	18.63 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.67 0.00	17.70 -0.66 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.57 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.14 -0.56 0.00
NM_CAPITAL___DRP 24208	20.62 0.21 0.00	20.75 0.23 0.00	18.84 0.23 0.00	19.09 0.22 0.00	19.46 0.18 0.00	18.90 0.19 0.00	17.37 0.19 0.00	18.65 0.14 0.00	18.46 0.17 0.00	19.48 0.18 0.00	20.48 0.19 0.00	21.97 0.23 0.00	19.50 0.21 0.00	17.85 0.24 0.00	18.35 0.26 0.00	18.56 0.27 0.00	18.62 0.26 0.00	19.41 0.28 0.00	17.39 0.25 0.00	16.49 0.26 0.00	16.36 0.23 0.00	17.11 0.29 0.00	15.65 0.26 0.00	15.98 0.28 0.00
NM_CENTRAL___DRP 24181	20.03 -0.38 0.00	20.15 -0.38 0.00	18.25 -0.35 0.00	18.50 -0.37 0.00	18.94 -0.34 0.00	18.39 -0.32 0.00	16.92 -0.27 0.00	18.22 -0.29 0.00	17.99 -0.30 0.00	18.96 -0.35 0.00	19.88 -0.41 0.00	21.27 -0.47 0.00	18.86 -0.43 0.00	17.21 -0.40 0.00	17.70 -0.39 0.00	17.92 -0.37 0.00	18.01 -0.35 0.00	18.79 -0.35 0.00	16.84 -0.30 0.00	15.94 -0.29 0.00	15.82 -0.31 0.00	16.47 -0.35 0.00	15.07 -0.32 0.00	15.37 -0.33 0.00
NM_FRONTIER___DRP 24179	18.58 -1.83 0.00	18.69 -1.84 0.00	16.90 -1.71 0.00	17.14 -1.72 0.00	17.76 -1.52 0.00	17.22 -1.49 0.00	15.87 -1.31 0.00	17.08 -1.44 0.00	16.83 -1.46 0.00	17.66 -1.64 0.00	18.38 -1.91 0.00	19.70 -2.04 0.00	17.51 -1.78 0.00	15.97 -1.63 0.00	16.34 -1.75 0.00	16.46 -1.84 0.00	16.37 -1.99 0.00	17.09 -2.05 0.00	15.40 -1.74 0.00	14.61 -1.62 0.00	14.56 -1.57 0.00	14.98 -1.84 0.00	13.69 -1.70 0.00	14.07 -1.63 0.00
NM_ST_REGIS___HYD 24053	20.54 0.13 0.00	20.64 0.11 0.00	18.69 0.09 0.00	18.94 0.08 0.00	19.39 0.12 0.00	18.83 0.12 0.00	17.30 0.12 0.00	18.69 0.18 0.00	18.51 0.22 0.00	19.54 0.23 0.00	20.52 0.23 0.00	21.97 0.23 0.00	19.52 0.23 0.00	17.77 0.17 0.00	18.25 0.15 0.00	18.41 0.12 0.00	18.47 0.10 0.00	19.23 0.09 0.00	17.17 0.03 0.00	16.26 0.03 0.00	16.21 0.08 0.00	16.91 0.09 0.00	15.45 0.05 0.00	15.72 0.02 0.00

NORTHPORT___1 23551	21.55 1.14 0.00	21.67 1.14 0.00	19.76 1.16 0.00	20.01 1.15 0.00	20.34 1.07 0.00	19.58 0.88 0.00	17.99 0.81 0.00	19.33 0.82 0.00	19.09 0.80 0.00	20.13 0.83 0.00	21.48 1.19 0.00	23.08 1.35 0.00	20.50 1.21 0.00	19.02 1.12 -0.30	39.22 1.13 -20.00	19.26 0.98 0.01	19.48 1.12 0.00	20.30 1.16 0.00	18.18 1.04 0.00	17.59 1.05 -0.31	17.10 0.98 0.00	17.89 1.07 0.00	16.84 1.06 -0.39	16.77 1.07 0.00
NORTHPORT___2 23552	21.55 1.14 0.00	21.67 1.14 0.00	19.76 1.16 0.00	20.01 1.15 0.00	20.34 1.07 0.00	19.58 0.88 0.00	17.99 0.81 0.00	19.33 0.82 0.00	19.09 0.80 0.00	20.13 0.83 0.00	21.48 1.19 0.00	23.08 1.35 0.00	20.50 1.21 0.00	19.02 1.12 -0.30	39.22 1.13 -20.00	19.26 0.98 0.01	19.48 1.12 0.00	20.30 1.16 0.00	18.18 1.04 0.00	17.59 1.05 -0.31	17.10 0.98 0.00	17.89 1.07 0.00	16.84 1.06 -0.39	16.77 1.07 0.00
NORTHPORT___3 23553	21.40 0.99 0.00	21.53 1.00 0.00	19.61 1.00 0.00	19.87 1.01 0.00	20.20 0.92 0.00	19.47 0.76 0.00	17.89 0.71 0.00	19.24 0.72 0.00	19.02 0.73 0.00	20.05 0.75 0.00	21.36 1.07 0.00	22.95 1.22 0.00	20.39 1.10 0.00	18.93 1.03 -0.30	39.15 1.06 -20.00	19.22 0.93 0.00	19.37 1.01 0.00	20.21 1.07 0.00	18.11 0.97 0.00	17.50 0.95 -0.31	16.99 0.86 0.00	17.76 0.94 0.00	16.70 0.92 -0.39	16.61 0.91 0.00
NORTHPORT___4 23650	21.40 0.99 0.00	21.53 1.00 0.00	19.61 1.00 0.00	19.87 1.01 0.00	20.20 0.92 0.00	19.47 0.76 0.00	17.89 0.71 0.00	19.24 0.72 0.00	19.02 0.73 0.00	20.05 0.75 0.00	21.36 1.07 0.00	22.95 1.22 0.00	20.39 1.10 0.00	18.93 1.03 -0.30	39.15 1.06 -20.00	19.22 0.93 0.00	19.37 1.01 0.00	20.21 1.07 0.00	18.11 0.97 0.00	17.50 0.95 -0.31	16.99 0.86 0.00	17.76 0.94 0.00	16.70 0.92 -0.39	16.61 0.91 0.00
NORTHPORT___IC 23718	21.55 1.14 0.00	21.67 1.14 0.00	19.76 1.16 0.00	20.01 1.15 0.00	20.34 1.07 0.00	19.58 0.88 0.00	17.99 0.81 0.00	19.33 0.82 0.00	19.09 0.80 0.00	20.13 0.83 0.00	21.48 1.19 0.00	23.08 1.35 0.00	20.50 1.21 0.00	19.02 1.12 -0.30	39.22 1.13 -20.00	19.26 0.98 0.01	19.48 1.12 0.00	20.30 1.16 0.00	18.18 1.04 0.00	17.59 1.05 -0.31	17.10 0.98 0.00	17.89 1.07 0.00	16.84 1.06 -0.39	16.77 1.07 0.00
NORTH___COUNTRY_ESR 323785	20.92 0.51 0.00	21.03 0.50 0.00	19.05 0.45 0.00	19.32 0.46 0.00	19.75 0.47 0.00	19.15 0.45 0.00	17.59 0.41 0.00	19.00 0.49 0.00	18.84 0.55 0.00	19.90 0.60 0.00	20.90 0.61 0.00	22.40 0.66 0.00	19.88 0.59 0.00	18.12 0.51 0.00	18.62 0.52 0.00	18.80 0.51 0.00	18.83 0.46 0.00	19.59 0.45 0.00	17.52 0.38 0.00	16.62 0.39 0.00	16.54 0.41 0.00	17.28 0.46 0.00	15.78 0.40 0.00	16.08 0.38 0.00
NPX_GEN_1385_PROXY 323591	21.27 0.86 0.00	21.48 0.95 0.00	19.86 1.26 0.00	20.01 1.15 0.00	20.34 1.06 0.00	19.42 0.72 0.00	17.91 0.73 0.00	19.39 0.88 0.00	18.86 0.57 0.00	19.74 0.44 0.00	21.15 0.85 0.00	22.88 1.14 0.00	20.29 1.00 0.00	18.77 0.87 -0.30	39.00 0.91 -20.00	18.81 0.53 0.01	19.32 0.96 0.00	20.10 0.96 0.00	17.88 0.73 0.00	17.70 0.73 -0.74	16.84 0.72 0.00	17.66 0.83 0.00	17.05 0.67 -0.99	16.53 0.83 0.00
NPX_GEN_CSC 323557	21.87 1.46 0.00	21.96 1.43 0.00	20.01 1.40 0.00	20.26 1.40 0.00	20.60 1.33 0.00	19.86 1.15 0.00	18.25 1.07 0.00	19.48 0.96 0.00	19.45 1.16 0.00	20.53 1.23 0.00	21.84 1.55 0.00	23.37 1.64 0.00	20.78 1.49 0.00	19.27 1.37 -0.30	39.51 1.42 -20.00	19.62 1.33 0.00	19.81 1.45 0.00	20.65 1.51 0.00	18.45 1.30 0.00	18.31 1.33 -0.74	17.19 1.07 0.00	17.97 1.15 0.00	17.70 1.32 -0.99	16.95 1.25 0.00
NSINS_S_GLNS_FALLS 23858	21.30 0.89 0.00	21.41 0.88 0.00	19.35 0.74 0.00	19.63 0.77 0.00	20.02 0.75 0.00	19.49 0.79 0.00	17.84 0.66 0.00	19.29 0.78 0.00	19.16 0.87 0.00	20.27 0.97 0.00	21.30 1.01 0.00	22.83 1.09 0.00	20.19 0.91 0.00	18.42 0.82 0.00	18.98 0.89 0.00	19.22 0.93 0.00	19.32 0.96 0.00	20.14 1.00 0.00	18.02 0.88 0.00	17.03 0.80 0.00	16.88 0.75 0.00	17.67 0.84 0.00	16.15 0.76 0.00	16.37 0.67 0.00
NUCOR_STEEL___DRP 24197	20.17 -0.24 0.00	20.28 -0.25 0.00	18.37 -0.23 0.00	18.62 -0.24 0.00	19.08 -0.20 0.00	18.52 -0.18 0.00	17.05 -0.13 0.00	18.38 -0.14 0.00	18.14 -0.15 0.00	19.12 -0.19 0.00	20.00 -0.29 0.00	21.40 -0.34 0.00	18.96 -0.33 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.02 -0.26 0.00	18.14 -0.22 0.00	18.93 -0.21 0.00	16.97 -0.17 0.00	16.06 -0.18 0.00	15.94 -0.19 0.00	16.57 -0.25 0.00	15.16 -0.22 0.00	15.46 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	20.54 0.13 0.00	20.64 0.11 0.00	18.65 0.05 0.00	18.82 -0.05 0.00	19.30 0.03 0.00	18.74 0.04 0.00	17.25 0.06 0.00	18.64 0.12 0.00	18.41 0.12 0.00	19.37 0.07 0.00	20.36 0.07 0.00	21.81 0.08 0.00	19.31 0.02 0.00	17.42 -0.18 0.00	17.94 -0.15 0.00	18.11 -0.17 0.00	18.24 -0.12 0.00	19.04 -0.10 0.00	16.80 -0.34 0.00	15.79 -0.45 0.00	15.86 -0.27 0.00	16.51 -0.31 0.00	15.18 -0.21 0.00	15.37 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	20.41 0.00 0.00	20.53 0.00 0.00	18.61 0.00 0.00	18.86 0.00 0.00	19.28 0.00 0.00	18.70 0.00 0.00	17.18 0.00 0.00	18.52 0.00 0.00	18.29 0.00 0.00	19.30 0.00 0.00	20.29 0.00 0.00	21.74 0.00 0.00	19.29 0.00 0.00	17.60 0.00 0.00	18.09 0.00 0.00	18.29 0.00 0.00	18.36 0.00 0.00	19.14 0.00 0.00	17.15 0.00 0.00	16.23 0.00 0.00	16.13 0.00 0.00	16.82 0.00 0.00	15.39 0.00 0.00	15.70 0.00 0.00
NYPA_BRENTWD___GT 24164	21.77 1.36 0.00	21.88 1.36 0.00	19.93 1.33 0.00	20.19 1.33 0.00	20.52 1.25 0.00	19.77 1.07 0.00	18.17 0.98 0.00	19.53 1.01 0.00	19.33 1.04 0.00	20.39 1.08 0.00	21.74 1.45 0.00	23.34 1.60 0.00	20.73 1.45 0.00	19.22 1.32 -0.30	39.44 1.35 -20.00	19.53 1.24 0.00	19.74 1.39 0.00	20.60 1.46 0.00	18.45 1.31 0.00	17.85 1.30 -0.31	17.33 1.20 0.00	18.11 1.28 0.00	17.04 1.27 -0.39	16.94 1.25 0.00
NYPA_GOWANUS___GT5 24156	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00
NYPA_GOWANUS___GT6 24157	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.29 1.00 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.25 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.91 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00

NYPA_HARLEM__RVR__GT1 24160	21.20 0.79 0.00	21.39 0.86 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.87 0.58 0.00	19.94 0.63 0.00	21.17 0.88 0.00	22.70 0.97 0.00	20.14 0.85 0.00	18.42 0.82 0.00	18.92 0.83 0.00	19.09 0.81 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.18 0.79 0.00	16.46 0.76 0.00
NYPA_HARLEM__RVR__GT2 24161	21.20 0.79 0.00	21.39 0.86 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.87 0.58 0.00	19.94 0.63 0.00	21.17 0.88 0.00	22.70 0.97 0.00	20.14 0.85 0.00	18.42 0.82 0.00	18.92 0.83 0.00	19.09 0.81 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.18 0.79 0.00	16.46 0.76 0.00
NYPA_KENT____GT 24152	21.34 0.93 0.00	21.48 0.95 0.00	19.52 0.91 0.00	19.76 0.90 0.00	20.08 0.80 0.00	19.44 0.74 0.00	17.86 0.68 0.00	19.26 0.75 0.00	19.00 0.71 0.00	20.07 0.77 0.00	21.26 0.97 0.00	22.82 1.08 0.00	20.27 0.98 0.00	18.53 0.92 0.00	19.03 0.94 0.00	19.21 0.92 0.00	21.51 0.92 -2.22	61.20 1.01 -41.05	56.04 0.92 -37.97	18.60 0.88 -1.48	17.00 0.86 0.00	17.74 0.92 0.00	16.24 0.85 0.00	16.55 0.85 0.00
NYPA_POUCH1____GT 24155	21.35 0.94 0.00	21.49 0.97 0.00	19.52 0.92 0.00	19.76 0.90 0.00	20.08 0.81 0.00	19.45 0.74 0.00	17.87 0.69 0.00	19.27 0.76 0.00	19.00 0.72 0.00	20.07 0.77 0.00	21.23 0.94 0.00	22.77 1.03 0.00	20.23 0.94 0.00	18.50 0.89 0.00	19.00 0.91 0.00	19.19 0.89 -0.01	22.94 0.89 -3.69	88.35 0.99 -68.22	81.16 0.92 -63.10	19.58 0.88 -2.47	17.01 0.87 -0.01	17.76 0.93 -0.01	16.25 0.86 0.00	16.55 0.85 0.00
NYPA_VERNON____GT2 24162	21.30 0.89 0.00	21.45 0.91 0.00	19.49 0.88 0.00	19.73 0.87 0.00	20.05 0.77 0.00	19.41 0.71 0.00	17.83 0.64 0.00	19.23 0.71 0.00	18.97 0.68 0.00	20.04 0.74 0.00	21.24 0.94 0.00	22.79 1.05 0.00	20.24 0.95 0.00	18.50 0.89 0.00	19.00 0.90 0.00	19.18 0.89 0.00	20.00 0.89 -0.75	34.01 0.98 -13.89	30.87 0.88 -12.84	17.58 0.84 -0.50	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.51 0.82 0.00
NYPA_VERNON____GT3 24163	21.30 0.89 0.00	21.45 0.91 0.00	19.49 0.88 0.00	19.73 0.87 0.00	20.05 0.77 0.00	19.41 0.71 0.00	17.83 0.64 0.00	19.23 0.71 0.00	18.97 0.68 0.00	20.04 0.74 0.00	21.24 0.94 0.00	22.79 1.05 0.00	20.24 0.95 0.00	18.50 0.89 0.00	19.00 0.90 0.00	19.18 0.89 0.00	20.00 0.89 -0.75	34.01 0.98 -13.89	30.87 0.88 -12.84	17.58 0.84 -0.50	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.51 0.82 0.00
NYPA__ASTORIA_CC1 323568	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.75 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.21 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.98 0.88 0.00	19.15 0.86 0.00	19.22 0.87 0.00	20.08 0.94 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
NYPA__ASTORIA_CC2 323569	21.28 0.87 0.00	21.43 0.90 0.00	19.48 0.87 0.00	19.72 0.85 0.00	20.03 0.75 0.00	19.39 0.69 0.00	17.81 0.63 0.00	19.21 0.69 0.00	18.95 0.66 0.00	20.01 0.71 0.00	21.21 0.92 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.98 0.88 0.00	19.15 0.86 0.00	19.22 0.87 0.00	20.08 0.94 0.00	18.00 0.86 0.00	17.04 0.81 0.00	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
NYPA__HOLTSVILL 23794	21.71 1.30 0.00	21.82 1.29 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.19 0.00	19.72 1.02 0.00	18.13 0.94 0.00	19.44 0.93 0.00	19.29 1.00 0.00	20.36 1.06 0.00	21.68 1.39 0.00	23.25 1.51 0.00	20.67 1.38 0.00	19.17 1.27 -0.30	39.40 1.31 -20.00	19.49 1.20 0.00	19.68 1.32 0.00	20.52 1.39 0.00	18.37 1.23 0.00	17.79 1.25 -0.31	17.24 1.11 0.00	18.01 1.19 0.00	17.00 1.22 -0.39	16.89 1.19 0.00
NYPA__HELLGATE_GT1 24158	21.20 0.79 0.00	21.39 0.86 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.87 0.58 0.00	19.94 0.63 0.00	21.17 0.88 0.00	22.70 0.97 0.00	20.14 0.85 0.00	18.42 0.82 0.00	18.92 0.83 0.00	19.09 0.81 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.18 0.79 0.00	16.46 0.76 0.00
NYPA__HELLGATE_GT2 24159	21.20 0.79 0.00	21.39 0.86 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.87 0.58 0.00	19.94 0.63 0.00	21.17 0.88 0.00	22.70 0.97 0.00	20.14 0.85 0.00	18.42 0.82 0.00	18.92 0.83 0.00	19.09 0.81 0.00	19.19 0.83 0.00	20.04 0.90 0.00	17.99 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.66 0.83 0.00	16.18 0.79 0.00	16.46 0.76 0.00
NYS_BARGE__HYD 23848	18.93 -1.48 0.00	19.02 -1.51 0.00	17.19 -1.41 0.00	17.45 -1.42 0.00	18.06 -1.21 0.00	17.53 -1.18 0.00	16.15 -1.03 0.00	17.34 -1.17 0.00	17.14 -1.15 0.00	17.99 -1.31 0.00	18.70 -1.59 0.00	20.03 -1.71 0.00	17.79 -1.50 0.00	16.23 -1.38 0.00	16.61 -1.48 0.00	16.73 -1.56 0.00	16.70 -1.66 0.00	17.45 -1.69 0.00	15.70 -1.44 0.00	14.88 -1.35 0.00	14.83 -1.30 0.00	15.27 -1.56 0.00	13.95 -1.44 0.00	14.36 -1.34 0.00
OAK_ORCHARD__HYD 24046	19.50 -0.91 0.00	19.60 -0.93 0.00	17.74 -0.87 0.00	17.98 -0.89 0.00	18.52 -0.76 0.00	17.99 -0.72 0.00	16.58 -0.61 0.00	17.85 -0.66 0.00	17.63 -0.66 0.00	18.53 -0.77 0.00	19.32 -0.97 0.00	20.67 -1.07 0.00	18.34 -0.95 0.00	16.73 -0.88 0.00	17.17 -0.92 0.00	17.35 -0.94 0.00	17.40 -0.96 0.00	18.19 -0.95 0.00	16.33 -0.81 0.00	15.47 -0.76 0.00	15.39 -0.73 0.00	15.93 -0.90 0.00	14.55 -0.83 0.00	14.89 -0.81 0.00
OAKDALE__35_KV_LOAD 356122	20.21 -0.20 0.00	20.34 -0.19 0.00	18.40 -0.20 0.00	18.66 -0.20 0.00	19.13 -0.15 0.00	18.54 -0.16 0.00	17.06 -0.13 0.00	18.41 -0.10 0.00	18.16 -0.13 0.00	19.15 -0.15 0.00	20.08 -0.21 0.00	21.51 -0.22 0.00	19.06 -0.23 0.00	17.36 -0.24 0.00	17.86 -0.23 0.00	18.05 -0.24 0.00	18.14 -0.22 0.00	18.93 -0.21 0.00	16.95 -0.19 0.00	16.03 -0.20 0.00	15.90 -0.22 0.00	16.56 -0.26 0.00	15.16 -0.23 0.00	15.47 -0.23 0.00
OCC_CHEM__DRP 24175	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.68 0.00	17.18 -1.69 0.00	17.79 -1.49 0.00	17.25 -1.45 0.00	15.90 -1.28 0.00	17.11 -1.40 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.49 -1.80 0.00	16.41 -1.95 0.00	17.12 -2.02 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00

OH_GEN_PROXY 24063	18.77 -1.64 0.00	18.89 -1.64 0.00	17.08 -1.53 0.00	17.32 -1.54 0.00	17.94 -1.34 0.00	17.40 -1.31 0.00	16.04 -1.15 0.00	17.24 -1.27 0.00	17.02 -1.27 0.00	17.88 -1.43 0.00	18.61 -1.68 0.00	32.33 -1.80 -12.39	28.61 -1.58 -10.90	29.41 -1.46 -13.27	26.59 -1.57 -10.07	27.40 -1.67 -10.77	16.59 -1.77 0.00	17.32 -1.81 0.00	25.17 -1.55 -9.57	15.21 -1.45 -0.43	18.00 -1.39 -3.27	15.18 -1.64 0.00	14.47 -1.51 -0.60	17.94 -1.45 -3.69
OLIN_CORP_DRP 24177	18.63 -1.78 0.00	18.74 -1.79 0.00	16.94 -1.67 0.00	17.19 -1.67 0.00	17.80 -1.48 0.00	17.26 -1.44 0.00	15.91 -1.28 0.00	17.12 -1.40 0.00	16.88 -1.41 0.00	17.71 -1.59 0.00	18.42 -1.87 0.00	19.74 -2.00 0.00	17.55 -1.75 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.50 -1.79 0.00	16.43 -1.93 0.00	17.14 -2.00 0.00	15.45 -1.69 0.00	14.65 -1.58 0.00	14.60 -1.53 0.00	15.01 -1.81 0.00	13.73 -1.66 0.00	14.15 -1.55 0.00
OLIN_CORP_DSASP 323712	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.67 0.00	17.18 -1.69 0.00	17.79 -1.48 0.00	17.26 -1.44 0.00	15.90 -1.28 0.00	17.06 -1.46 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.37 -1.72 0.00	16.47 -1.82 0.00	16.41 -1.95 0.00	17.14 -2.00 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
ONEIDA_HERK_LFGE 323681	20.71 0.30 0.00	20.82 0.29 0.00	18.84 0.24 0.00	19.06 0.20 0.00	19.52 0.24 0.00	18.95 0.24 0.00	17.43 0.25 0.00	18.81 0.30 0.00	18.59 0.30 0.00	19.60 0.30 0.00	20.60 0.31 0.00	22.05 0.32 0.00	19.48 0.19 0.00	17.68 0.08 0.00	18.21 0.12 0.00	18.44 0.15 0.00	18.57 0.20 0.00	19.36 0.22 0.00	17.23 0.08 0.00	16.26 0.02 0.00	16.22 0.09 0.00	16.89 0.07 0.00	15.47 0.09 0.00	15.72 0.02 0.00
ONEIDA___115KV_TB4 55905	20.77 0.36 0.00	20.89 0.36 0.00	18.91 0.31 0.00	19.17 0.30 0.00	19.61 0.34 0.00	19.05 0.34 0.00	17.53 0.34 0.00	18.91 0.40 0.00	18.69 0.40 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.12 0.38 0.00	19.47 0.18 0.00	17.73 0.12 0.00	18.29 0.20 0.00	18.57 0.28 0.00	18.71 0.35 0.00	19.48 0.34 0.00	17.40 0.25 0.00	16.45 0.22 0.00	16.34 0.22 0.00	17.02 0.20 0.00	15.56 0.17 0.00	15.84 0.13 0.00
ONONDAGA_REF_OCCRA 23987	20.17 -0.24 0.00	20.28 -0.25 0.00	18.37 -0.23 0.00	18.62 -0.24 0.00	19.06 -0.21 0.00	18.50 -0.20 0.00	17.02 -0.16 0.00	18.35 -0.16 0.00	18.11 -0.17 0.00	19.09 -0.22 0.00	20.02 -0.27 0.00	21.42 -0.32 0.00	18.98 -0.31 0.00	17.31 -0.29 0.00	17.81 -0.28 0.00	18.03 -0.26 0.00	18.14 -0.22 0.00	18.92 -0.21 0.00	16.95 -0.19 0.00	16.05 -0.18 0.00	15.93 -0.19 0.00	16.58 -0.24 0.00	15.17 -0.22 0.00	15.47 -0.23 0.00
ONONDAGA___COGEN 23986	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
ONTARIO___LFGE 23819	20.02 -0.39 0.00	20.11 -0.41 0.00	18.18 -0.43 0.00	18.44 -0.43 0.00	18.95 -0.32 0.00	18.39 -0.31 0.00	16.97 -0.22 0.00	18.30 -0.22 0.00	18.08 -0.21 0.00	19.04 -0.27 0.00	19.84 -0.45 0.00	21.21 -0.52 0.00	18.77 -0.52 0.00	17.10 -0.51 0.00	17.61 -0.49 0.00	17.84 -0.45 0.00	17.94 -0.42 0.00	18.74 -0.40 0.00	16.79 -0.36 0.00	15.87 -0.36 0.00	15.74 -0.38 0.00	16.32 -0.50 0.00	14.91 -0.48 0.00	15.25 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	19.36 -1.05 0.00	19.46 -1.07 0.00	17.57 -1.04 0.00	17.82 -1.04 0.00	18.45 -0.82 0.00	17.89 -0.82 0.00	16.47 -0.71 0.00	17.71 -0.81 0.00	17.48 -0.81 0.00	18.39 -0.91 0.00	19.20 -1.10 0.00	20.59 -1.15 0.00	18.25 -1.04 0.00	16.62 -0.99 0.00	17.04 -1.05 0.00	17.17 -1.12 0.00	17.14 -1.22 0.00	17.79 -1.35 0.00	15.91 -1.23 0.00	15.01 -1.22 0.00	14.88 -1.24 0.00	15.35 -1.47 0.00	14.00 -1.38 0.00	14.32 -1.38 0.00
ORANGEVILLE___ESR 323794	19.36 -1.05 0.00	19.46 -1.07 0.00	17.57 -1.04 0.00	17.82 -1.04 0.00	18.45 -0.82 0.00	17.89 -0.82 0.00	16.47 -0.71 0.00	17.71 -0.81 0.00	17.48 -0.81 0.00	18.39 -0.91 0.00	19.20 -1.10 0.00	20.59 -1.15 0.00	18.25 -1.04 0.00	16.62 -0.99 0.00	17.04 -1.05 0.00	17.17 -1.12 0.00	17.14 -1.22 0.00	17.79 -1.35 0.00	15.91 -1.23 0.00	15.01 -1.22 0.00	14.88 -1.24 0.00	15.35 -1.47 0.00	14.00 -1.38 0.00	14.32 -1.38 0.00
OSWEGATCHIE___HYD 24044	20.22 -0.19 0.00	20.32 -0.21 0.00	18.39 -0.22 0.00	18.59 -0.28 0.00	19.05 -0.23 0.00	18.50 -0.20 0.00	17.01 -0.17 0.00	18.38 -0.14 0.00	18.17 -0.12 0.00	19.14 -0.17 0.00	20.11 -0.18 0.00	21.53 -0.21 0.00	19.10 -0.19 0.00	17.31 -0.30 0.00	17.79 -0.30 0.00	17.97 -0.32 0.00	18.08 -0.28 0.00	18.85 -0.29 0.00	16.73 -0.41 0.00	15.79 -0.44 0.00	15.80 -0.33 0.00	16.46 -0.36 0.00	15.07 -0.32 0.00	15.29 -0.41 0.00
OSWEGO___5 23606	19.83 -0.58 0.00	19.94 -0.59 0.00	18.07 -0.54 0.00	18.32 -0.54 0.00	18.74 -0.53 0.00	18.20 -0.51 0.00	16.73 -0.45 0.00	18.02 -0.50 0.00	17.78 -0.50 0.00	18.75 -0.55 0.00	19.68 -0.62 0.00	21.05 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.55 0.00	17.53 -0.56 0.00	17.73 -0.56 0.00	17.82 -0.54 0.00	18.57 -0.56 0.00	16.65 -0.49 0.00	15.76 -0.47 0.00	15.66 -0.47 0.00	16.30 -0.52 0.00	14.92 -0.46 0.00	15.23 -0.47 0.00
OSWEGO___6 23613	19.83 -0.58 0.00	19.94 -0.59 0.00	18.07 -0.54 0.00	18.32 -0.54 0.00	18.74 -0.53 0.00	18.20 -0.51 0.00	16.73 -0.45 0.00	18.02 -0.50 0.00	17.78 -0.50 0.00	18.75 -0.55 0.00	19.68 -0.62 0.00	21.05 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.55 0.00	17.53 -0.56 0.00	17.73 -0.56 0.00	17.82 -0.54 0.00	18.57 -0.56 0.00	16.65 -0.49 0.00	15.76 -0.47 0.00	15.66 -0.47 0.00	16.30 -0.52 0.00	14.92 -0.46 0.00	15.23 -0.47 0.00
OUTOKUMPU-AB___DRP 24206	19.08 -1.33 0.00	19.18 -1.35 0.00	17.34 -1.27 0.00	17.58 -1.28 0.00	18.21 -1.07 0.00	17.66 -1.04 0.00	16.28 -0.90 0.00	17.54 -0.98 0.00	17.28 -1.01 0.00	18.14 -1.16 0.00	18.87 -1.42 0.00	20.22 -1.51 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.77 -1.32 0.00	16.91 -1.38 0.00	16.84 -1.51 0.00	17.58 -1.55 0.00	15.84 -1.31 0.00	15.00 -1.23 0.00	14.94 -1.19 0.00	15.38 -1.44 0.00	14.04 -1.34 0.00	14.43 -1.27 0.00
OXBOW___BTM 323836	18.90 -1.51 0.00	19.00 -1.53 0.00	17.18 -1.43 0.00	17.42 -1.44 0.00	18.04 -1.24 0.00	17.50 -1.21 0.00	16.13 -1.05 0.00	17.37 -1.15 0.00	17.12 -1.17 0.00	17.97 -1.34 0.00	18.69 -1.60 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.24 -1.36 0.00	16.62 -1.47 0.00	16.75 -1.54 0.00	16.67 -1.69 0.00	17.40 -1.74 0.00	15.68 -1.46 0.00	14.87 -1.37 0.00	14.80 -1.32 0.00	15.23 -1.59 0.00	13.92 -1.47 0.00	14.30 -1.40 0.00

OXBOW____ 24026	18.90 -1.51 0.00	19.00 -1.53 0.00	17.18 -1.43 0.00	17.42 -1.44 0.00	18.05 -1.23 0.00	17.51 -1.19 0.00	16.13 -1.05 0.00	17.32 -1.19 0.00	17.12 -1.17 0.00	17.97 -1.34 0.00	18.69 -1.60 0.00	20.03 -1.71 0.00	17.80 -1.49 0.00	16.24 -1.36 0.00	16.62 -1.48 0.00	16.73 -1.56 0.00	16.68 -1.68 0.00	17.42 -1.72 0.00	15.68 -1.47 0.00	14.86 -1.37 0.00	14.80 -1.32 0.00	15.24 -1.59 0.00	13.92 -1.47 0.00	14.31 -1.39 0.00
OXY_CHEM_DSASP 323612	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.68 0.00	17.18 -1.69 0.00	17.79 -1.49 0.00	17.25 -1.45 0.00	15.90 -1.28 0.00	17.11 -1.40 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.49 -1.80 0.00	16.41 -1.95 0.00	17.12 -2.02 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
OZONE_PARK_ESR 323760	21.38 0.97 0.00	21.51 0.99 0.00	19.54 0.94 0.00	19.79 0.92 0.00	20.11 0.83 0.00	19.46 0.76 0.00	17.88 0.70 0.00	19.29 0.78 0.00	19.04 0.75 0.00	20.12 0.82 0.00	21.34 1.05 0.00	22.91 1.17 0.00	20.35 1.06 0.00	18.59 0.99 0.00	19.10 1.01 0.00	19.28 0.99 0.00	19.38 1.02 0.00	20.25 1.12 0.00	18.14 0.99 0.00	17.18 0.95 0.00	17.06 0.93 0.00	17.80 0.98 0.00	16.29 0.91 0.00	16.60 0.90 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.68 0.00	17.18 -1.69 0.00	17.79 -1.49 0.00	17.25 -1.45 0.00	15.90 -1.28 0.00	17.11 -1.40 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.49 -1.80 0.00	16.41 -1.95 0.00	17.12 -2.02 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
PACKARD__115KV_DUPONT_184 80571	18.62 -1.79 0.00	18.73 -1.80 0.00	16.93 -1.68 0.00	17.18 -1.69 0.00	17.79 -1.49 0.00	17.25 -1.45 0.00	15.90 -1.28 0.00	17.11 -1.40 0.00	16.86 -1.43 0.00	17.69 -1.61 0.00	18.42 -1.88 0.00	19.74 -2.00 0.00	17.55 -1.74 0.00	16.00 -1.60 0.00	16.38 -1.72 0.00	16.49 -1.80 0.00	16.41 -1.95 0.00	17.12 -2.02 0.00	15.43 -1.71 0.00	14.64 -1.59 0.00	14.59 -1.54 0.00	15.01 -1.81 0.00	13.72 -1.67 0.00	14.10 -1.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.23 0.82 0.00	21.40 0.87 0.00	19.42 0.81 0.00	19.66 0.80 0.00	19.98 0.71 0.00	19.34 0.64 0.00	17.77 0.59 0.00	19.16 0.65 0.00	18.90 0.62 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.68 0.94 0.00	20.14 0.85 0.00	18.41 0.81 0.00	18.91 0.82 0.00	19.09 0.80 0.00	19.18 0.82 0.00	20.04 0.90 0.00	17.98 0.83 0.00	17.02 0.79 0.00	16.90 0.77 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.47 0.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.36 0.94 0.00	21.51 0.99 0.00	19.51 0.90 0.00	19.76 0.90 0.00	20.11 0.84 0.00	19.47 0.76 0.00	17.89 0.71 0.00	19.30 0.78 0.00	19.02 0.73 0.00	20.02 0.72 0.00	21.21 0.91 0.00	22.73 1.00 0.00	20.20 0.91 0.00	18.47 0.86 0.00	18.98 0.88 0.00	19.14 0.85 0.00	19.24 0.88 0.00	20.11 0.98 0.00	18.04 0.90 0.00	17.09 0.86 0.00	16.98 0.85 0.00	17.73 0.91 0.00	16.23 0.85 0.00	16.55 0.85 0.00
PATROON__115KV_TB1 80586	20.63 0.22 0.00	20.75 0.23 0.00	18.84 0.24 0.00	19.10 0.23 0.00	19.47 0.19 0.00	18.90 0.20 0.00	17.40 0.21 0.00	18.67 0.16 0.00	18.48 0.19 0.00	19.49 0.19 0.00	20.50 0.21 0.00	21.98 0.24 0.00	19.51 0.22 0.00	17.87 0.26 0.00	18.37 0.28 0.00	18.57 0.29 0.00	18.63 0.27 0.00	19.43 0.30 0.00	17.41 0.27 0.00	16.51 0.27 0.00	16.38 0.26 0.00	17.12 0.30 0.00	15.67 0.28 0.00	16.00 0.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.67 -0.75 0.00	19.77 -0.75 0.00	17.87 -0.74 0.00	18.12 -0.74 0.00	18.75 -0.53 0.00	18.17 -0.53 0.00	16.76 -0.42 0.00	18.09 -0.42 0.00	17.82 -0.47 0.00	18.73 -0.57 0.00	19.50 -0.79 0.00	20.89 -0.85 0.00	18.50 -0.79 0.00	16.84 -0.76 0.00	17.26 -0.83 0.00	17.40 -0.89 0.00	17.38 -0.98 0.00	18.16 -0.98 0.00	16.31 -0.83 0.00	15.44 -0.79 0.00	15.38 -0.75 0.00	15.87 -0.95 0.00	14.51 -0.87 0.00	14.88 -0.82 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.30 0.89 0.00	21.43 0.90 0.00	19.43 0.83 0.00	19.70 0.84 0.00	20.06 0.78 0.00	19.45 0.74 0.00	17.86 0.68 0.00	19.27 0.75 0.00	19.03 0.74 0.00	20.12 0.82 0.00	21.27 0.98 0.00	22.84 1.10 0.00	20.27 0.98 0.00	18.51 0.91 0.00	19.03 0.93 0.00	19.22 0.93 0.00	19.33 0.97 0.00	20.21 1.07 0.00	18.11 0.97 0.00	17.16 0.92 0.00	17.02 0.90 0.00	17.77 0.94 0.00	16.25 0.86 0.00	16.53 0.83 0.00
PEEKSKILL____ 23653	21.04 0.63 0.00	21.17 0.64 0.00	19.22 0.61 0.00	19.48 0.62 0.00	19.83 0.55 0.00	19.21 0.51 0.00	17.63 0.45 0.00	19.01 0.50 0.00	18.77 0.48 0.00	19.84 0.54 0.00	21.00 0.71 0.00	22.55 0.81 0.00	20.03 0.74 0.00	18.28 0.68 0.00	18.79 0.70 0.00	18.97 0.68 0.00	19.07 0.71 0.00	19.93 0.79 0.00	17.88 0.73 0.00	16.93 0.70 0.00	16.80 0.67 0.00	17.54 0.71 0.00	16.05 0.66 0.00	16.34 0.64 0.00
PGE MADISON__WINDPWR 24146	21.80 1.39 0.00	21.94 1.41 0.00	19.83 1.22 0.00	20.13 1.26 0.00	20.64 1.36 0.00	20.01 1.31 0.00	18.43 1.24 0.00	19.87 1.36 0.00	19.59 1.30 0.00	20.56 1.25 0.00	21.35 1.06 0.00	22.86 1.12 0.00	20.24 0.95 0.00	18.41 0.80 0.00	18.94 0.84 0.00	19.19 0.90 0.00	19.42 1.06 0.00	20.17 1.03 0.00	17.92 0.77 0.00	16.92 0.69 0.00	16.69 0.56 0.00	17.38 0.55 0.00	15.85 0.46 0.00	16.02 0.33 0.00
PIERCEFIELD__HYD 23852	20.35 -0.05 0.00	20.46 -0.07 0.00	18.53 -0.07 0.00	18.77 -0.09 0.00	19.22 -0.06 0.00	18.66 -0.04 0.00	17.15 -0.03 0.00	18.52 0.01 0.00	18.33 0.04 0.00	19.34 0.04 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.32 0.03 0.00	17.59 -0.01 0.00	18.06 -0.04 0.00	18.23 -0.06 0.00	18.29 -0.08 0.00	19.03 -0.10 0.00	17.00 -0.15 0.00	16.09 -0.14 0.00	16.04 -0.09 0.00	16.73 -0.09 0.00	15.28 -0.11 0.00	15.56 -0.14 0.00
PINELAWN_CC_1 323563	21.63 1.22 0.00	21.73 1.20 0.00	19.78 1.18 0.00	20.05 1.18 0.00	20.38 1.10 0.00	19.64 0.94 0.00	18.06 0.87 0.00	19.42 0.91 0.00	19.22 0.93 0.00	20.27 0.97 0.00	21.60 1.31 0.00	23.20 1.46 0.00	20.60 1.31 0.00	19.11 1.21 -0.30	39.34 1.25 -20.00	19.43 1.14 0.00	19.63 1.27 0.00	20.49 1.35 0.00	18.37 1.22 0.00	17.75 1.21 -0.31	17.24 1.12 0.00	18.01 1.19 0.00	16.94 1.16 -0.39	16.83 1.13 0.00
PJM_GEN_HTP_PROXY 323702	21.11 0.77 0.08	21.31 0.79 0.00	19.37 0.76 0.00	19.61 0.75 0.00	19.92 0.64 0.00	19.29 0.59 0.00	17.71 0.53 0.00	19.11 0.60 0.00	18.86 0.57 0.00	19.93 0.63 0.00	21.11 0.82 0.00	22.67 0.94 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.79 0.00	19.18 0.82 0.00	20.04 0.90 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.43 0.73 0.00

PJM_GEN_KEystone 24065	20.07 -0.27 0.08	20.26 -0.26 0.00	18.37 -0.24 0.00	18.63 -0.23 0.00	19.08 -0.20 0.00	18.49 -0.21 0.00	17.00 -0.19 0.00	18.33 -0.18 0.00	18.09 -0.20 0.00	19.08 -0.23 0.00	20.06 -0.23 0.00	21.51 -0.23 0.00	19.07 -0.21 0.00	16.13 -0.23 1.24	17.84 -0.25 0.00	17.99 -0.30 0.00	18.05 -0.31 0.00	18.87 -0.27 0.00	16.94 -0.20 0.00	16.04 -0.20 0.00	15.93 -0.20 0.00	16.58 -0.24 0.00	15.18 -0.20 0.00	15.51 -0.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.22 0.89 0.08	21.42 0.89 0.00	19.49 0.88 0.00	19.77 0.91 0.00	20.10 0.82 0.00	19.38 0.68 0.00	17.83 0.64 0.00	19.19 0.67 0.00	18.97 0.69 0.00	20.00 0.70 0.00	21.27 0.98 0.00	22.85 1.11 0.00	20.29 1.00 0.00	18.87 0.97 -0.30	39.08 0.99 -20.00	19.19 0.90 0.00	19.33 0.97 0.00	20.17 1.03 0.00	18.11 0.96 0.00	17.51 0.96 -0.31	17.02 0.90 0.00	17.78 0.96 0.00	16.70 0.92 -0.39	16.60 0.90 0.00
PJM_GEN_VFT_PROXY 323633	21.00 0.66 0.08	21.21 0.68 0.00	19.29 0.68 0.00	19.52 0.66 0.00	19.82 0.54 0.00	19.21 0.50 0.00	17.64 0.46 0.00	19.03 0.51 0.00	18.77 0.49 0.00	19.82 0.52 0.00	21.01 0.72 0.00	22.57 0.83 0.00	20.05 0.77 0.00	18.34 0.73 0.00	18.83 0.74 0.00	19.01 0.72 0.00	19.11 0.75 0.00	19.95 0.82 0.00	17.87 0.73 0.00	16.92 0.69 0.00	16.81 0.68 0.00	17.55 0.72 0.00	16.07 0.68 0.00	16.37 0.67 0.00
PLATSBURG_115KV_PMLD1 355749	21.20 0.79 0.00	21.30 0.77 0.00	19.29 0.68 0.00	19.56 0.70 0.00	19.99 0.71 0.00	19.41 0.71 0.00	17.83 0.65 0.00	19.26 0.75 0.00	19.13 0.85 0.00	20.22 0.92 0.00	21.23 0.94 0.00	22.74 1.01 0.00	20.17 0.88 0.00	18.39 0.78 0.00	18.90 0.81 0.00	19.10 0.81 0.00	19.12 0.76 0.00	19.91 0.77 0.00	17.80 0.65 0.00	16.87 0.64 0.00	16.75 0.63 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
PLEASANTVLY___LBMP 24000	20.99 0.58 0.00	21.14 0.61 0.00	19.18 0.57 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.19 0.49 0.00	17.62 0.43 0.00	18.98 0.47 0.00	18.74 0.45 0.00	19.81 0.51 0.00	20.94 0.65 0.00	22.50 0.76 0.00	19.97 0.68 0.00	18.23 0.63 0.00	18.74 0.64 0.00	18.92 0.63 0.00	19.02 0.65 0.00	19.86 0.73 0.00	17.81 0.67 0.00	16.88 0.64 0.00	16.74 0.61 0.00	17.48 0.66 0.00	16.00 0.61 0.00	16.30 0.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.11 0.70 0.00	21.24 0.72 0.00	19.29 0.68 0.00	19.55 0.68 0.00	19.89 0.61 0.00	19.28 0.58 0.00	17.69 0.51 0.00	19.07 0.56 0.00	18.83 0.54 0.00	19.91 0.60 0.00	21.07 0.78 0.00	22.63 0.89 0.00	20.10 0.80 0.00	18.35 0.75 0.00	18.86 0.76 0.00	19.04 0.75 0.00	19.14 0.78 0.00	20.00 0.86 0.00	17.93 0.79 0.00	16.98 0.75 0.00	16.85 0.72 0.00	17.59 0.77 0.00	16.10 0.71 0.00	16.40 0.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.17 0.76 0.00	21.31 0.78 0.00	19.32 0.72 0.00	19.59 0.72 0.00	19.95 0.67 0.00	19.34 0.64 0.00	17.77 0.59 0.00	19.16 0.64 0.00	18.91 0.62 0.00	20.00 0.70 0.00	21.12 0.83 0.00	22.68 0.94 0.00	20.12 0.82 0.00	18.38 0.77 0.00	18.88 0.79 0.00	19.09 0.80 0.00	19.21 0.85 0.00	20.07 0.93 0.00	18.00 0.86 0.00	17.05 0.82 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.15 0.76 0.00	16.44 0.74 0.00
POLETTI_____ 23519	21.17 0.76 0.00	21.31 0.79 0.00	19.37 0.77 0.00	19.61 0.75 0.00	19.93 0.65 0.00	19.29 0.59 0.00	17.71 0.53 0.00	19.10 0.59 0.00	18.85 0.57 0.00	19.92 0.61 0.00	21.12 0.82 0.00	22.67 0.93 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.79 0.00	19.18 0.82 0.00	20.03 0.90 0.00	17.93 0.79 0.00	16.98 0.75 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.44 0.74 0.00
POMONA___ESR 323819	21.03 0.62 0.00	21.16 0.63 0.00	19.21 0.60 0.00	19.46 0.61 0.00	19.81 0.53 0.00	19.21 0.50 0.00	17.63 0.44 0.00	19.01 0.49 0.00	18.76 0.47 0.00	19.83 0.53 0.00	20.98 0.69 0.00	22.54 0.80 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.77 0.68 0.00	18.96 0.67 0.00	19.06 0.70 0.00	19.92 0.79 0.00	17.88 0.73 0.00	16.93 0.69 0.00	16.80 0.67 0.00	17.53 0.71 0.00	16.04 0.65 0.00	16.33 0.63 0.00
PORT_JEFF_3 23555	21.76 1.35 0.00	21.86 1.33 0.00	19.91 1.31 0.00	20.17 1.31 0.00	20.51 1.23 0.00	19.76 1.05 0.00	18.16 0.97 0.00	19.48 0.97 0.00	19.33 1.05 0.00	20.40 1.10 0.00	21.73 1.44 0.00	23.30 1.57 0.00	20.71 1.43 0.00	19.21 1.31 -0.30	39.44 1.35 -20.00	19.54 1.25 0.00	19.73 1.37 0.00	20.58 1.44 0.00	18.42 1.28 0.00	17.83 1.29 -0.31	17.28 1.15 0.00	18.05 1.23 0.00	17.04 1.25 -0.39	16.92 1.22 0.00
PORT_JEFF_4 23616	21.76 1.35 0.00	21.86 1.33 0.00	19.91 1.31 0.00	20.17 1.31 0.00	20.51 1.23 0.00	19.76 1.05 0.00	18.16 0.97 0.00	19.48 0.97 0.00	19.33 1.05 0.00	20.40 1.10 0.00	21.73 1.44 0.00	23.30 1.57 0.00	20.71 1.43 0.00	19.21 1.31 -0.30	39.44 1.35 -20.00	19.54 1.25 0.00	19.73 1.37 0.00	20.58 1.44 0.00	18.42 1.28 0.00	17.83 1.29 -0.31	17.28 1.15 0.00	18.05 1.23 0.00	17.04 1.25 -0.39	16.92 1.22 0.00
PORT_JEFF_IC 23713	21.77 1.37 0.00	21.87 1.34 0.00	19.92 1.32 0.00	20.18 1.31 0.00	20.52 1.24 0.00	19.77 1.06 0.00	18.17 0.99 0.00	19.49 0.97 0.00	19.35 1.06 0.00	20.42 1.12 0.00	21.75 1.46 0.00	23.32 1.58 0.00	20.73 1.45 0.00	19.23 1.33 -0.30	39.46 1.37 -20.00	19.56 1.27 0.00	19.75 1.39 0.00	20.60 1.46 0.00	18.44 1.29 0.00	17.85 1.30 -0.31	17.29 1.16 0.00	18.06 1.24 0.00	17.05 1.27 -0.39	16.93 1.23 0.00
PPL PILGRIM_ST_GT1 24216	21.77 1.36 0.00	21.88 1.36 0.00	19.93 1.33 0.00	20.19 1.33 0.00	20.52 1.25 0.00	19.77 1.07 0.00	18.17 0.98 0.00	19.53 1.01 0.00	19.33 1.04 0.00	20.39 1.08 0.00	21.74 1.45 0.00	23.34 1.60 0.00	20.73 1.45 0.00	19.22 1.32 -0.30	39.44 1.35 -20.00	19.53 1.24 0.00	19.74 1.39 0.00	20.60 1.46 0.00	18.45 1.31 0.00	17.85 1.30 -0.31	17.33 1.20 0.00	18.11 1.28 0.00	17.04 1.27 -0.39	16.94 1.25 0.00
PPL PILGRIM_ST_GT2 24217	21.77 1.36 0.00	21.88 1.36 0.00	19.93 1.33 0.00	20.19 1.33 0.00	20.52 1.25 0.00	19.77 1.07 0.00	18.17 0.98 0.00	19.53 1.01 0.00	19.33 1.04 0.00	20.39 1.08 0.00	21.74 1.45 0.00	23.34 1.60 0.00	20.73 1.45 0.00	19.22 1.32 -0.30	39.44 1.35 -20.00	19.53 1.24 0.00	19.74 1.39 0.00	20.60 1.46 0.00	18.45 1.31 0.00	17.85 1.30 -0.31	17.33 1.20 0.00	18.11 1.28 0.00	17.04 1.27 -0.39	16.94 1.25 0.00

PPL_SHRM_GT3 24213	21.89 1.48 0.00	21.98 1.45 0.00	20.02 1.42 0.00	20.28 1.42 0.00	20.62 1.35 0.00	19.87 1.17 0.00	18.27 1.08 0.00	19.50 0.98 0.00	19.47 1.18 0.00	20.54 1.24 0.00	21.87 1.58 0.00	23.40 1.67 0.00	20.81 1.52 0.00	19.29 1.39 -0.30	39.53 1.44 -20.00	19.64 1.35 0.00	19.83 1.47 0.00	20.67 1.54 0.00	18.47 1.32 0.00	17.90 1.35 -0.31	17.22 1.10 0.00	18.00 1.17 0.00	17.11 1.34 -0.39	16.97 1.27 0.00
PPL_SHRM_GT4 24214	21.89 1.48 0.00	21.98 1.45 0.00	20.02 1.42 0.00	20.28 1.42 0.00	20.62 1.35 0.00	19.87 1.17 0.00	18.27 1.08 0.00	19.50 0.98 0.00	19.47 1.18 0.00	20.54 1.24 0.00	21.87 1.58 0.00	23.40 1.67 0.00	20.81 1.52 0.00	19.29 1.39 -0.30	39.53 1.44 -20.00	19.64 1.35 0.00	19.83 1.47 0.00	20.67 1.54 0.00	18.47 1.32 0.00	17.90 1.35 -0.31	17.22 1.10 0.00	18.00 1.17 0.00	17.11 1.34 -0.39	16.97 1.27 0.00
PROJECT___ORANGE 1 24174	20.04 -0.37 0.00	20.15 -0.37 0.00	18.26 -0.35 0.00	18.51 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.31 0.00	16.92 -0.26 0.00	18.23 -0.28 0.00	17.99 -0.30 0.00	18.97 -0.34 0.00	19.89 -0.40 0.00	21.28 -0.46 0.00	18.87 -0.42 0.00	17.22 -0.38 0.00	17.71 -0.38 0.00	17.92 -0.37 0.00	18.02 -0.34 0.00	18.80 -0.34 0.00	16.84 -0.30 0.00	15.94 -0.29 0.00	15.83 -0.30 0.00	16.48 -0.35 0.00	15.08 -0.31 0.00	15.38 -0.32 0.00
PROJECT___ORANGE 2 24166	20.04 -0.37 0.00	20.15 -0.37 0.00	18.26 -0.35 0.00	18.51 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.31 0.00	16.92 -0.26 0.00	18.23 -0.28 0.00	17.99 -0.30 0.00	18.97 -0.34 0.00	19.89 -0.40 0.00	21.28 -0.46 0.00	18.87 -0.42 0.00	17.22 -0.38 0.00	17.71 -0.38 0.00	17.92 -0.37 0.00	18.02 -0.34 0.00	18.80 -0.34 0.00	16.84 -0.30 0.00	15.94 -0.29 0.00	15.83 -0.30 0.00	16.48 -0.35 0.00	15.08 -0.31 0.00	15.38 -0.32 0.00
PUCKETT___SOLAR 323809	20.61 0.20 0.00	20.73 0.20 0.00	18.76 0.15 0.00	19.02 0.16 0.00	19.49 0.21 0.00	18.89 0.18 0.00	17.36 0.17 0.00	18.71 0.19 0.00	18.45 0.16 0.00	19.40 0.09 0.00	20.35 0.06 0.00	21.74 0.01 0.00	19.31 0.02 0.00	17.55 -0.05 0.00	18.04 -0.05 0.00	18.30 0.01 0.00	18.45 0.09 0.00	19.21 0.07 0.00	17.16 0.02 0.00	16.23 -0.01 0.00	16.08 -0.05 0.00	16.74 -0.08 0.00	15.31 -0.08 0.00	15.60 -0.10 0.00
PYRITES___HYD 24023	20.82 0.40 0.00	20.91 0.39 0.00	18.94 0.34 0.00	19.19 0.33 0.00	19.66 0.38 0.00	19.09 0.39 0.00	17.56 0.37 0.00	18.98 0.46 0.00	18.78 0.49 0.00	19.82 0.52 0.00	20.81 0.52 0.00	22.27 0.53 0.00	19.77 0.48 0.00	18.02 0.42 0.00	18.50 0.41 0.00	18.67 0.38 0.00	18.74 0.39 0.00	19.52 0.38 0.00	17.44 0.29 0.00	16.50 0.27 0.00	16.45 0.33 0.00	17.14 0.32 0.00	15.64 0.25 0.00	15.91 0.21 0.00
QUAKERRD_115KV_BK1 80622	19.20 -1.21 0.00	19.30 -1.23 0.00	17.47 -1.14 0.00	17.71 -1.15 0.00	18.22 -1.06 0.00	17.68 -1.02 0.00	16.30 -0.88 0.00	17.58 -0.94 0.00	17.34 -0.95 0.00	18.24 -1.06 0.00	19.03 -1.26 0.00	20.36 -1.38 0.00	18.06 -1.23 0.00	16.49 -1.12 0.00	16.93 -1.16 0.00	17.13 -1.16 0.00	17.17 -1.19 0.00	17.93 -1.21 0.00	16.10 -1.04 0.00	15.25 -0.98 0.00	15.16 -0.96 0.00	15.71 -1.12 0.00	14.36 -1.03 0.00	14.68 -1.02 0.00
QUENSBRY_115KV_TB8 356137	21.33 0.92 0.00	21.44 0.91 0.00	19.36 0.75 0.00	19.65 0.79 0.00	20.04 0.76 0.00	19.52 0.81 0.00	17.86 0.68 0.00	19.32 0.80 0.00	19.19 0.90 0.00	20.31 1.01 0.00	21.34 1.05 0.00	22.87 1.13 0.00	20.22 0.93 0.00	18.46 0.85 0.00	19.02 0.92 0.00	19.25 0.96 0.00	19.36 1.00 0.00	20.17 1.04 0.00	18.04 0.90 0.00	17.05 0.81 0.00	16.90 0.77 0.00	17.69 0.87 0.00	16.17 0.78 0.00	16.39 0.69 0.00
RAMAPO___LBMP 323565	20.96 0.55 0.00	21.09 0.56 0.00	19.14 0.54 0.00	19.40 0.54 0.00	19.75 0.48 0.00	19.15 0.45 0.00	17.57 0.38 0.00	18.94 0.42 0.00	18.69 0.40 0.00	19.77 0.46 0.00	20.91 0.62 0.00	22.46 0.72 0.00	19.95 0.66 0.00	18.20 0.60 0.00	18.70 0.61 0.00	18.88 0.59 0.00	18.99 0.63 0.00	19.85 0.71 0.00	17.81 0.67 0.00	16.86 0.63 0.00	16.73 0.61 0.00	17.46 0.64 0.00	15.98 0.59 0.00	16.28 0.58 0.00
RANKINE____ 23646	19.34 -1.07 0.00	19.45 -1.08 0.00	17.57 -1.03 0.00	17.83 -1.04 0.00	18.45 -0.83 0.00	17.89 -0.82 0.00	16.50 -0.69 0.00	17.78 -0.73 0.00	17.51 -0.78 0.00	18.41 -0.89 0.00	19.17 -1.12 0.00	20.55 -1.19 0.00	18.23 -1.06 0.00	16.61 -1.00 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.10 -1.26 0.00	17.84 -1.30 0.00	16.02 -1.12 0.00	15.17 -1.07 0.00	15.09 -1.03 0.00	15.56 -1.27 0.00	14.21 -1.18 0.00	14.57 -1.13 0.00
RAVENSWOOD_GT2_1 24244	21.21 0.79 0.00	21.35 0.82 0.00	19.40 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.33 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.16 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.20 0.84 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT2_2 24245	21.21 0.79 0.00	21.35 0.82 0.00	19.40 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.33 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.16 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.20 0.84 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT2_3 24246	21.21 0.80 0.00	21.36 0.83 0.00	19.40 0.80 0.00	19.65 0.79 0.00	19.97 0.69 0.00	19.34 0.63 0.00	17.75 0.57 0.00	19.15 0.63 0.00	18.90 0.61 0.00	19.96 0.66 0.00	21.16 0.87 0.00	22.72 0.98 0.00	20.18 0.89 0.00	18.44 0.83 0.00	18.93 0.84 0.00	19.11 0.83 0.00	19.22 0.86 0.00	20.07 0.94 0.00	17.98 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.16 0.77 0.00	16.47 0.77 0.00
RAVENSWOOD_GT2_4 24247	21.21 0.80 0.00	21.36 0.83 0.00	19.40 0.80 0.00	19.65 0.79 0.00	19.97 0.69 0.00	19.34 0.63 0.00	17.75 0.57 0.00	19.15 0.63 0.00	18.90 0.61 0.00	19.96 0.66 0.00	21.16 0.87 0.00	22.72 0.98 0.00	20.18 0.89 0.00	18.44 0.83 0.00	18.93 0.84 0.00	19.11 0.83 0.00	19.22 0.86 0.00	20.07 0.94 0.00	17.98 0.84 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.65 0.83 0.00	16.16 0.77 0.00	16.47 0.77 0.00
RAVENSWOOD_GT3_1 24248	21.21 0.80 0.00	21.35 0.82 0.00	19.40 0.79 0.00	19.64 0.78 0.00	19.96 0.69 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.16 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.20 0.84 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00

RAVENSWOOD_GT3_2 24249	21.21 0.80 0.00	21.35 0.82 0.00	19.40 0.79 0.00	19.64 0.78 0.00	19.96 0.69 0.00	19.33 0.63 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.16 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.20 0.84 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT3_3 24250	21.23 0.82 0.00	21.37 0.84 0.00	19.42 0.81 0.00	19.66 0.80 0.00	19.98 0.70 0.00	19.35 0.65 0.00	17.77 0.58 0.00	19.16 0.65 0.00	18.91 0.62 0.00	19.98 0.68 0.00	21.18 0.89 0.00	22.74 1.01 0.00	20.20 0.91 0.00	18.45 0.85 0.00	18.95 0.86 0.00	19.13 0.84 0.00	19.23 0.87 0.00	20.09 0.95 0.00	18.00 0.86 0.00	17.05 0.82 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.79 0.00	16.48 0.78 0.00
RAVENSWOOD_GT3_4 24251	21.23 0.82 0.00	21.37 0.84 0.00	19.42 0.81 0.00	19.66 0.80 0.00	19.98 0.70 0.00	19.35 0.65 0.00	17.77 0.58 0.00	19.16 0.65 0.00	18.91 0.62 0.00	19.98 0.68 0.00	21.18 0.89 0.00	22.74 1.01 0.00	20.20 0.91 0.00	18.45 0.85 0.00	18.95 0.86 0.00	19.13 0.84 0.00	19.23 0.87 0.00	20.09 0.95 0.00	18.00 0.86 0.00	17.05 0.82 0.00	16.93 0.80 0.00	17.67 0.85 0.00	16.18 0.79 0.00	16.48 0.78 0.00
RAVENSWOOD_GT_1 23729	21.30 0.89 0.00	21.45 0.92 0.00	19.49 0.88 0.00	19.73 0.87 0.00	20.05 0.77 0.00	19.41 0.71 0.00	17.83 0.65 0.00	19.22 0.71 0.00	18.97 0.68 0.00	20.04 0.74 0.00	21.24 0.94 0.00	22.79 1.05 0.00	20.24 0.95 0.00	18.50 0.89 0.00	19.00 0.90 0.00	19.17 0.88 0.00	20.00 0.89 -0.75	34.01 0.98 -13.89	30.87 0.88 -12.84	17.58 0.84 -0.50	16.96 0.83 0.00	17.70 0.88 0.00	16.21 0.82 0.00	16.52 0.82 0.00
RAVENSWOOD_GT_10 24258	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.83 0.00	19.11 0.82 0.00	19.29 0.84 -0.09	21.67 0.93 -1.60	19.45 0.83 -1.48	17.08 0.79 -0.06	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_11 24259	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.83 0.00	19.11 0.82 0.00	19.29 0.84 -0.09	21.67 0.93 -1.60	19.45 0.83 -1.48	17.08 0.79 -0.06	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_4 24252	21.19 0.78 0.00	21.34 0.81 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.95 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.13 0.61 0.00	18.88 0.59 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.97 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.83 0.00	19.10 0.81 0.00	19.78 0.84 -0.57	30.64 0.92 -10.58	27.75 0.82 -9.78	17.40 0.79 -0.38	16.90 0.77 0.00	17.64 0.82 0.00	16.15 0.76 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_5 24254	21.19 0.78 0.00	21.34 0.81 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.95 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.13 0.61 0.00	18.88 0.59 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.97 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.83 0.00	19.10 0.81 0.00	19.78 0.84 -0.57	30.64 0.92 -10.58	27.75 0.82 -9.78	17.40 0.79 -0.38	16.90 0.77 0.00	17.64 0.82 0.00	16.15 0.76 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_6 24253	21.19 0.78 0.00	21.34 0.81 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.95 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.13 0.61 0.00	18.88 0.59 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.97 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.83 0.00	19.10 0.81 0.00	19.78 0.84 -0.57	30.64 0.92 -10.58	27.75 0.82 -9.78	17.40 0.79 -0.38	16.90 0.77 0.00	17.64 0.82 0.00	16.15 0.76 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_7 24255	21.19 0.78 0.00	21.34 0.81 0.00	19.38 0.78 0.00	19.63 0.77 0.00	19.95 0.68 0.00	19.32 0.62 0.00	17.74 0.55 0.00	19.13 0.61 0.00	18.88 0.59 0.00	19.94 0.64 0.00	21.14 0.85 0.00	22.70 0.97 0.00	20.16 0.87 0.00	18.42 0.81 0.00	18.92 0.83 0.00	19.10 0.81 0.00	19.78 0.84 -0.57	30.64 0.92 -10.58	27.75 0.82 -9.78	17.40 0.79 -0.38	16.90 0.77 0.00	17.64 0.82 0.00	16.15 0.76 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.83 0.00	19.11 0.82 0.00	19.29 0.84 -0.09	21.67 0.93 -1.60	19.45 0.83 -1.48	17.08 0.79 -0.06	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD_GT_9 24257	21.21 0.79 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.32 0.62 0.00	17.75 0.56 0.00	19.14 0.62 0.00	18.89 0.60 0.00	19.95 0.65 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.82 0.00	18.93 0.83 0.00	19.11 0.82 0.00	19.29 0.84 -0.09	21.67 0.93 -1.60	19.45 0.83 -1.48	17.08 0.79 -0.06	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RAVENSWOOD___1 23533	21.27 0.86 0.00	21.42 0.89 0.00	19.46 0.85 0.00	19.70 0.84 0.00	20.02 0.74 0.00	19.38 0.68 0.00	17.81 0.62 0.00	19.20 0.69 0.00	18.94 0.65 0.00	20.01 0.70 0.00	21.21 0.91 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.97 0.88 0.00	19.15 0.86 0.00	18.49 0.87 0.74	6.41 0.95 13.68	5.36 0.86 12.65	16.55 0.82 0.49	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
RAVENSWOOD___2 23534	21.27 0.86 0.00	21.42 0.89 0.00	19.46 0.85 0.00	19.70 0.84 0.00	20.02 0.74 0.00	19.38 0.68 0.00	17.81 0.62 0.00	19.20 0.69 0.00	18.94 0.65 0.00	20.01 0.70 0.00	21.21 0.91 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.97 0.88 0.00	19.15 0.86 0.00	18.49 0.87 0.74	6.41 0.95 13.68	5.36 0.86 12.65	16.55 0.82 0.49	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
RAVENSWOOD___3 23535	21.21 0.80 0.00	21.35 0.82 0.00	19.40 0.80 0.00	19.64 0.78 0.00	19.96 0.68 0.00	19.33 0.62 0.00	17.75 0.57 0.00	19.14 0.63 0.00	18.89 0.60 0.00	19.96 0.66 0.00	21.15 0.86 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.43 0.83 0.00	18.93 0.84 0.00	19.11 0.83 0.00	19.21 0.85 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.79 0.00	16.91 0.78 0.00	17.65 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00

RAVENSWOOD___4 23820	21.27 0.86 0.00	21.42 0.89 0.00	19.46 0.85 0.00	19.70 0.84 0.00	20.02 0.74 0.00	19.38 0.68 0.00	17.81 0.62 0.00	19.20 0.69 0.00	18.94 0.65 0.00	20.01 0.70 0.00	21.21 0.91 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.97 0.88 0.00	19.15 0.86 0.00	18.49 0.87 0.74	6.41 0.95 13.68	5.36 0.86 12.65	16.55 0.82 0.49	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
RCPI_TRUST___DRP 24196	21.21 0.80 0.00	21.35 0.82 0.00	19.39 0.79 0.00	19.64 0.78 0.00	19.95 0.68 0.00	19.31 0.61 0.00	17.74 0.55 0.00	19.14 0.62 0.00	18.88 0.60 0.00	19.95 0.65 0.00	21.14 0.85 0.00	22.70 0.96 0.00	20.16 0.87 0.00	18.43 0.82 0.00	18.93 0.83 0.00	19.11 0.82 0.00	19.21 0.85 0.00	20.07 0.93 0.00	17.97 0.83 0.00	17.03 0.80 0.00	16.91 0.78 0.00	17.64 0.82 0.00	16.16 0.77 0.00	16.46 0.76 0.00
RED___ROCHESTER 323720	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.66 0.00	18.07 -0.63 0.00	16.66 -0.52 0.00	17.94 -0.58 0.00	17.72 -0.57 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.85 0.00	16.82 -0.79 0.00	17.26 -0.83 0.00	17.45 -0.84 0.00	17.51 -0.85 0.00	18.30 -0.84 0.00	16.44 -0.71 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
REGAN___SOLAR 323812	22.30 1.90 0.00	22.38 1.85 0.00	20.25 1.64 0.00	20.51 1.64 0.00	21.00 1.72 0.00	20.42 1.72 0.00	18.77 1.59 0.00	20.33 1.81 0.00	20.11 1.82 0.00	21.21 1.91 0.00	22.23 1.94 0.00	23.63 1.90 0.00	20.85 1.56 0.00	19.09 1.48 0.00	19.55 1.45 0.00	19.98 1.69 0.00	20.22 1.86 0.00	21.08 1.95 0.00	18.86 1.72 0.00	17.86 1.62 0.00	17.74 1.61 0.00	18.47 1.65 0.00	16.81 1.43 0.00	17.04 1.34 0.00
RENSSELAER___COGEN 23796	20.54 0.13 0.00	20.67 0.14 0.00	18.77 0.16 0.00	19.02 0.16 0.00	19.39 0.11 0.00	18.82 0.12 0.00	17.32 0.13 0.00	18.60 0.09 0.00	18.40 0.11 0.00	19.41 0.10 0.00	20.40 0.11 0.00	21.88 0.14 0.00	19.42 0.13 0.00	17.79 0.18 0.00	18.29 0.19 0.00	18.49 0.21 0.00	18.54 0.18 0.00	19.34 0.20 0.00	17.33 0.19 0.00	16.43 0.19 0.00	16.31 0.18 0.00	17.05 0.23 0.00	15.60 0.21 0.00	15.94 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.02 1.61 0.00	22.09 1.56 0.00	19.82 1.22 0.00	20.19 1.33 0.00	20.61 1.33 0.00	20.16 1.45 0.00	18.50 1.32 0.00	20.06 1.55 0.00	20.05 1.76 0.00	21.25 1.94 0.00	22.23 1.94 0.00	23.81 2.07 0.00	21.00 1.71 0.00	19.18 1.57 0.00	19.78 1.69 0.00	20.09 1.81 0.00	20.24 1.88 0.00	21.04 1.91 0.00	18.77 1.63 0.00	17.65 1.41 0.00	17.48 1.35 0.00	18.36 1.54 0.00	16.78 1.39 0.00	16.88 1.18 0.00
REVERE_CPPR_DRP 24186	20.94 0.53 0.00	21.04 0.51 0.00	19.04 0.44 0.00	19.29 0.42 0.00	19.74 0.46 0.00	19.17 0.46 0.00	17.65 0.46 0.00	19.05 0.53 0.00	18.82 0.53 0.00	19.86 0.55 0.00	20.86 0.57 0.00	22.29 0.55 0.00	19.59 0.30 0.00	17.81 0.20 0.00	18.38 0.29 0.00	18.68 0.39 0.00	18.84 0.47 0.00	19.62 0.49 0.00	17.50 0.36 0.00	16.53 0.30 0.00	16.45 0.33 0.00	17.13 0.30 0.00	15.66 0.28 0.00	15.91 0.22 0.00
REYNOLDS_115KV_TB3 80639	20.68 0.27 0.00	20.82 0.29 0.00	18.88 0.28 0.00	19.15 0.28 0.00	19.51 0.23 0.00	18.95 0.25 0.00	17.40 0.21 0.00	18.70 0.18 0.00	18.51 0.22 0.00	19.54 0.24 0.00	20.54 0.25 0.00	22.04 0.30 0.00	19.56 0.27 0.00	17.89 0.28 0.00	18.40 0.31 0.00	18.62 0.33 0.00	18.67 0.31 0.00	19.46 0.33 0.00	17.44 0.29 0.00	16.53 0.30 0.00	16.40 0.27 0.00	17.15 0.33 0.00	15.68 0.29 0.00	16.01 0.31 0.00
RIVERBAY____ 323610	21.36 0.94 0.00	21.51 0.99 0.00	19.51 0.90 0.00	19.76 0.90 0.00	20.11 0.84 0.00	19.47 0.76 0.00	17.89 0.71 0.00	19.30 0.78 0.00	19.02 0.73 0.00	20.02 0.72 0.00	21.21 0.91 0.00	22.73 1.00 0.00	20.20 0.91 0.00	18.47 0.86 0.00	18.98 0.88 0.00	19.14 0.85 0.00	19.24 0.88 0.00	20.11 0.98 0.00	18.04 0.90 0.00	17.09 0.86 0.00	16.98 0.85 0.00	17.73 0.91 0.00	16.23 0.85 0.00	16.55 0.85 0.00
RIVERSDE_115KV_TB3 55908	20.62 0.21 0.00	20.75 0.23 0.00	18.84 0.23 0.00	19.09 0.22 0.00	19.46 0.18 0.00	18.90 0.19 0.00	17.37 0.19 0.00	18.65 0.14 0.00	18.46 0.17 0.00	19.48 0.18 0.00	20.48 0.19 0.00	21.97 0.23 0.00	19.50 0.21 0.00	17.85 0.24 0.00	18.35 0.26 0.00	18.56 0.27 0.00	18.62 0.26 0.00	19.41 0.28 0.00	17.39 0.25 0.00	16.49 0.26 0.00	16.36 0.23 0.00	17.11 0.29 0.00	15.65 0.26 0.00	15.98 0.28 0.00
ROARING___BROOK_WT_PWR 323790	20.44 0.03 0.00	20.53 0.00 0.00	18.61 0.00 0.00	18.86 0.00 0.00	19.30 0.02 0.00	18.72 0.02 0.00	17.20 0.02 0.00	18.54 0.02 0.00	18.30 0.01 0.00	19.34 0.04 0.00	20.33 0.04 0.00	21.78 0.04 0.00	19.33 0.04 0.00	17.63 0.03 0.00	18.10 0.01 0.00	18.29 0.00 0.00	18.32 -0.05 0.00	18.91 -0.23 0.00	16.84 -0.31 0.00	15.92 -0.31 0.00	15.86 -0.27 0.00	16.57 -0.25 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
ROCHESRG_115KV_T4 355643	19.43 -0.98 0.00	19.53 -1.00 0.00	17.67 -0.94 0.00	17.91 -0.95 0.00	18.45 -0.83 0.00	17.91 -0.79 0.00	16.51 -0.67 0.00	17.81 -0.71 0.00	17.56 -0.73 0.00	18.46 -0.84 0.00	19.25 -1.04 0.00	20.59 -1.15 0.00	18.28 -1.01 0.00	16.67 -0.93 0.00	17.11 -0.98 0.00	17.30 -0.99 0.00	17.33 -1.04 0.00	18.09 -1.05 0.00	16.26 -0.88 0.00	15.41 -0.83 0.00	15.33 -0.80 0.00	15.86 -0.96 0.00	14.49 -0.89 0.00	14.83 -0.87 0.00
ROCHESTER_9_IC 23652	19.52 -0.89 0.00	19.62 -0.91 0.00	17.75 -0.86 0.00	18.00 -0.87 0.00	18.54 -0.74 0.00	17.99 -0.71 0.00	16.59 -0.59 0.00	17.90 -0.62 0.00	17.65 -0.64 0.00	18.55 -0.75 0.00	19.34 -0.95 0.00	20.69 -1.05 0.00	18.36 -0.93 0.00	16.75 -0.85 0.00	17.19 -0.90 0.00	17.38 -0.91 0.00	17.42 -0.94 0.00	18.20 -0.94 0.00	16.36 -0.79 0.00	15.50 -0.73 0.00	15.42 -0.71 0.00	15.95 -0.87 0.00	14.57 -0.82 0.00	14.90 -0.80 0.00
ROCKVIEW_13_KV_LD 356306	21.17 0.76 0.00	21.31 0.78 0.00	19.35 0.74 0.00	19.61 0.74 0.00	19.94 0.67 0.00	19.32 0.62 0.00	17.74 0.56 0.00	19.12 0.61 0.00	18.88 0.59 0.00	19.96 0.66 0.00	21.15 0.85 0.00	22.72 0.98 0.00	20.17 0.88 0.00	18.42 0.82 0.00	18.93 0.84 0.00	19.11 0.82 0.00	19.21 0.85 0.00	20.07 0.94 0.00	18.00 0.86 0.00	17.05 0.82 0.00	16.91 0.78 0.00	17.66 0.84 0.00	16.16 0.77 0.00	16.45 0.75 0.00
ROME____115KV_TB2 80656	20.94 0.53 0.00	21.04 0.51 0.00	19.04 0.44 0.00	19.29 0.42 0.00	19.74 0.46 0.00	19.17 0.46 0.00	17.65 0.46 0.00	19.05 0.53 0.00	18.82 0.53 0.00	19.86 0.55 0.00	20.86 0.57 0.00	22.29 0.55 0.00	19.59 0.30 0.00	17.81 0.20 0.00	18.38 0.29 0.00	18.68 0.39 0.00	18.84 0.47 0.00	19.62 0.49 0.00	17.50 0.36 0.00	16.53 0.30 0.00	16.45 0.33 0.00	17.13 0.30 0.00	15.66 0.28 0.00	15.91 0.22 0.00

ROSETON___1 23587	20.97 0.56 0.00	21.11 0.58 0.00	19.15 0.55 0.00	19.42 0.55 0.00	19.77 0.49 0.00	19.16 0.46 0.00	17.59 0.41 0.00	18.97 0.45 0.00	18.72 0.43 0.00	19.79 0.48 0.00	20.92 0.63 0.00	22.46 0.72 0.00	19.93 0.64 0.00	18.20 0.60 0.00	18.70 0.61 0.00	18.90 0.60 0.00	18.99 0.63 0.00	19.83 0.70 0.00	17.79 0.64 0.00	16.85 0.62 0.00	16.72 0.59 0.00	17.46 0.63 0.00	15.97 0.59 0.00	16.27 0.57 0.00
ROSETON___2 23588	20.97 0.56 0.00	21.11 0.58 0.00	19.15 0.55 0.00	19.42 0.55 0.00	19.77 0.49 0.00	19.16 0.46 0.00	17.59 0.41 0.00	18.97 0.45 0.00	18.72 0.43 0.00	19.79 0.48 0.00	20.92 0.63 0.00	22.46 0.72 0.00	19.93 0.64 0.00	18.20 0.60 0.00	18.70 0.61 0.00	18.90 0.60 0.00	18.99 0.63 0.00	19.83 0.70 0.00	17.79 0.64 0.00	16.85 0.62 0.00	16.72 0.59 0.00	17.46 0.63 0.00	15.97 0.59 0.00	16.27 0.57 0.00
ROTTTRDAM_115KV_TB3 80664	20.88 0.47 0.00	21.00 0.47 0.00	19.03 0.42 0.00	19.30 0.43 0.00	19.69 0.41 0.00	19.11 0.41 0.00	17.54 0.36 0.00	18.91 0.40 0.00	18.69 0.40 0.00	19.75 0.45 0.00	20.78 0.49 0.00	22.28 0.54 0.00	19.75 0.46 0.00	18.02 0.41 0.00	18.54 0.45 0.00	18.75 0.46 0.00	18.84 0.47 0.00	19.64 0.51 0.00	17.60 0.46 0.00	16.66 0.43 0.00	16.54 0.41 0.00	17.27 0.45 0.00	15.79 0.40 0.00	16.09 0.39 0.00
RUSSELL___1 23602	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
RUSSELL___2 23532	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
RUSSELL___3 23549	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
RUSSELL___4 23556	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
RUSSELL___STATION 23914	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
S SALMON___HYD 24043	19.90 -0.51 0.00	20.01 -0.52 0.00	18.11 -0.50 0.00	18.31 -0.55 0.00	18.77 -0.51 0.00	18.22 -0.48 0.00	16.77 -0.41 0.00	18.08 -0.44 0.00	17.86 -0.43 0.00	18.81 -0.49 0.00	19.74 -0.56 0.00	21.12 -0.62 0.00	18.71 -0.58 0.00	16.99 -0.62 0.00	17.48 -0.61 0.00	17.69 -0.60 0.00	17.84 -0.52 0.00	18.63 -0.51 0.00	16.60 -0.54 0.00	15.70 -0.53 0.00	15.64 -0.49 0.00	16.28 -0.54 0.00	14.90 -0.49 0.00	15.14 -0.56 0.00
S.PERRY___115KV_TB1 80734	20.11 -0.30 0.00	20.17 -0.36 0.00	18.21 -0.40 0.00	18.47 -0.39 0.00	19.08 -0.20 0.00	18.52 -0.18 0.00	17.09 -0.09 0.00	18.46 -0.06 0.00	18.21 -0.08 0.00	19.10 -0.20 0.00	19.64 -0.65 0.00	20.95 -0.79 0.00	18.56 -0.74 0.00	16.90 -0.70 0.00	17.42 -0.67 0.00	17.73 -0.56 0.00	17.89 -0.47 0.00	18.66 -0.47 0.00	16.69 -0.45 0.00	15.77 -0.46 0.00	15.66 -0.46 0.00	16.16 -0.67 0.00	14.73 -0.66 0.00	15.03 -0.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.07 -1.34 0.00	19.18 -1.35 0.00	17.33 -1.27 0.00	17.58 -1.29 0.00	18.19 -1.08 0.00	17.64 -1.06 0.00	16.27 -0.91 0.00	17.53 -0.98 0.00	17.27 -1.02 0.00	18.14 -1.16 0.00	18.89 -1.40 0.00	20.25 -1.49 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.78 -1.31 0.00	16.90 -1.38 0.00	16.84 -1.52 0.00	17.57 -1.57 0.00	15.81 -1.33 0.00	14.97 -1.26 0.00	14.92 -1.21 0.00	15.36 -1.46 0.00	14.04 -1.35 0.00	14.41 -1.29 0.00
SAWYER___23_KV_LOAD 55526	19.07 -1.34 0.00	19.18 -1.35 0.00	17.33 -1.27 0.00	17.58 -1.29 0.00	18.19 -1.08 0.00	17.64 -1.06 0.00	16.27 -0.91 0.00	17.53 -0.98 0.00	17.27 -1.02 0.00	18.14 -1.16 0.00	18.89 -1.40 0.00	20.25 -1.49 0.00	17.97 -1.32 0.00	16.39 -1.22 0.00	16.78 -1.31 0.00	16.90 -1.38 0.00	16.84 -1.52 0.00	17.57 -1.57 0.00	15.81 -1.33 0.00	14.97 -1.26 0.00	14.92 -1.21 0.00	15.36 -1.46 0.00	14.04 -1.35 0.00	14.41 -1.29 0.00
SELKIRK___I 23801	20.76 0.35 0.00	20.89 0.36 0.00	18.95 0.35 0.00	19.22 0.35 0.00	19.60 0.32 0.00	19.03 0.32 0.00	17.48 0.30 0.00	18.80 0.29 0.00	18.60 0.31 0.00	19.61 0.31 0.00	20.60 0.31 0.00	22.08 0.35 0.00	19.58 0.29 0.00	17.91 0.31 0.00	18.43 0.33 0.00	18.66 0.37 0.00	18.71 0.35 0.00	19.51 0.37 0.00	17.47 0.32 0.00	16.55 0.31 0.00	16.42 0.30 0.00	17.17 0.35 0.00	15.71 0.32 0.00	16.06 0.36 0.00
SELKIRK___II 23799	20.64 0.23 0.00	20.77 0.24 0.00	18.85 0.24 0.00	19.10 0.24 0.00	19.48 0.20 0.00	18.90 0.20 0.00	17.38 0.19 0.00	18.69 0.17 0.00	18.48 0.19 0.00	19.49 0.19 0.00	20.50 0.21 0.00	21.98 0.25 0.00	19.51 0.22 0.00	17.85 0.24 0.00	18.35 0.26 0.00	18.56 0.27 0.00	18.62 0.26 0.00	19.42 0.28 0.00	17.40 0.26 0.00	16.49 0.26 0.00	16.37 0.24 0.00	17.10 0.28 0.00	15.65 0.26 0.00	15.98 0.28 0.00
SENECA OSWGO___HYD 24041	19.85 -0.55 0.00	19.95 -0.57 0.00	18.08 -0.52 0.00	18.32 -0.54 0.00	18.76 -0.52 0.00	18.21 -0.49 0.00	16.75 -0.43 0.00	18.04 -0.47 0.00	17.80 -0.48 0.00	18.78 -0.52 0.00	19.70 -0.59 0.00	21.06 -0.68 0.00	18.68 -0.61 0.00	17.05 -0.56 0.00	17.53 -0.56 0.00	17.75 -0.54 0.00	17.84 -0.52 0.00	18.62 -0.52 0.00	16.68 -0.46 0.00	15.80 -0.44 0.00	15.68 -0.45 0.00	16.32 -0.50 0.00	14.94 -0.45 0.00	15.23 -0.46 0.00

SENECA___115KV_TB3 355854	19.37 -1.04 0.00	19.48 -1.05 0.00	17.60 -1.00 0.00	17.85 -1.01 0.00	18.48 -0.80 0.00	17.91 -0.79 0.00	16.52 -0.66 0.00	17.81 -0.71 0.00	17.54 -0.75 0.00	18.44 -0.86 0.00	19.20 -1.09 0.00	20.58 -1.16 0.00	18.25 -1.04 0.00	16.63 -0.97 0.00	17.05 -1.05 0.00	17.18 -1.11 0.00	17.12 -1.24 0.00	17.86 -1.27 0.00	16.05 -1.09 0.00	15.19 -1.04 0.00	15.11 -1.01 0.00	15.58 -1.25 0.00	14.23 -1.16 0.00	14.60 -1.11 0.00
SENECA___ENERGY 23797	19.89 -0.52 0.00	20.00 -0.53 0.00	18.09 -0.51 0.00	18.34 -0.53 0.00	18.82 -0.45 0.00	18.27 -0.43 0.00	16.84 -0.34 0.00	18.16 -0.36 0.00	17.93 -0.36 0.00	18.88 -0.42 0.00	19.72 -0.57 0.00	21.09 -0.65 0.00	18.68 -0.61 0.00	17.03 -0.57 0.00	17.53 -0.57 0.00	17.74 -0.55 0.00	17.84 -0.52 0.00	18.62 -0.51 0.00	16.70 -0.45 0.00	15.79 -0.44 0.00	15.68 -0.45 0.00	16.28 -0.55 0.00	14.88 -0.51 0.00	15.20 -0.51 0.00
SHOEMAKER___GT 23640	20.90 0.49 0.00	21.02 0.49 0.00	19.07 0.46 0.00	19.33 0.47 0.00	19.70 0.42 0.00	19.10 0.40 0.00	17.54 0.35 0.00	18.91 0.39 0.00	18.67 0.38 0.00	19.72 0.42 0.00	20.82 0.53 0.00	22.34 0.60 0.00	19.83 0.54 0.00	18.09 0.48 0.00	18.58 0.49 0.00	18.79 0.50 0.00	18.91 0.55 0.00	19.75 0.62 0.00	17.72 0.57 0.00	16.78 0.54 0.00	16.64 0.51 0.00	17.38 0.56 0.00	15.89 0.51 0.00	16.19 0.49 0.00
SHOEMAKR_138KV_BK 111 55601	20.89 0.48 0.00	21.02 0.49 0.00	19.07 0.46 0.00	19.33 0.46 0.00	19.69 0.42 0.00	19.09 0.39 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.66 0.37 0.00	19.72 0.42 0.00	20.82 0.53 0.00	22.34 0.60 0.00	19.83 0.54 0.00	18.09 0.49 0.00	18.58 0.49 0.00	18.79 0.50 0.00	18.90 0.54 0.00	19.75 0.61 0.00	17.71 0.57 0.00	16.77 0.54 0.00	16.64 0.51 0.00	17.37 0.55 0.00	15.89 0.50 0.00	16.19 0.49 0.00
SHOREHAM_IC_1 23715	21.89 1.48 0.00	21.98 1.45 0.00	20.02 1.42 0.00	20.28 1.42 0.00	20.62 1.35 0.00	19.87 1.17 0.00	18.27 1.08 0.00	19.50 0.98 0.00	19.47 1.18 0.00	20.54 1.24 0.00	21.87 1.58 0.00	23.40 1.67 0.00	20.81 1.52 0.00	19.29 1.39 -0.30	39.53 1.44 -20.00	19.64 1.35 0.00	19.83 1.47 0.00	20.67 1.54 0.00	18.47 1.32 0.00	17.90 1.35 -0.31	17.22 1.10 0.00	18.00 1.17 0.00	17.11 1.34 -0.39	16.97 1.27 0.00
SHOREHAM_IC_2 23716	21.89 1.48 0.00	21.98 1.45 0.00	20.02 1.42 0.00	20.28 1.42 0.00	20.62 1.35 0.00	19.87 1.17 0.00	18.27 1.08 0.00	19.50 0.98 0.00	19.47 1.18 0.00	20.54 1.24 0.00	21.87 1.58 0.00	23.40 1.67 0.00	20.81 1.52 0.00	19.29 1.39 -0.30	39.53 1.44 -20.00	19.64 1.35 0.00	19.83 1.47 0.00	20.67 1.54 0.00	18.47 1.32 0.00	17.90 1.35 -0.31	17.22 1.10 0.00	18.00 1.17 0.00	17.11 1.34 -0.39	16.97 1.27 0.00
SISSONVILLE____ 23735	20.35 -0.05 0.00	20.46 -0.07 0.00	18.53 -0.07 0.00	18.77 -0.09 0.00	19.22 -0.06 0.00	18.66 -0.04 0.00	17.15 -0.03 0.00	18.52 0.01 0.00	18.33 0.04 0.00	19.34 0.04 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.32 0.03 0.00	17.59 -0.01 0.00	18.06 -0.04 0.00	18.23 -0.06 0.00	18.29 -0.08 0.00	19.03 -0.10 0.00	17.00 -0.15 0.00	16.09 -0.14 0.00	16.04 -0.09 0.00	16.73 -0.09 0.00	15.28 -0.11 0.00	15.56 -0.14 0.00
SITHE_IND_GS1 24169	19.71 -0.70 0.00	19.82 -0.70 0.00	17.97 -0.64 0.00	18.20 -0.66 0.00	18.64 -0.64 0.00	18.08 -0.62 0.00	16.64 -0.55 0.00	17.91 -0.60 0.00	17.67 -0.61 0.00	18.64 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.66 0.00	17.71 -0.65 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.56 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.15 -0.55 0.00
SITHE_IND_GS2 24170	19.71 -0.70 0.00	19.82 -0.70 0.00	17.97 -0.64 0.00	18.20 -0.66 0.00	18.64 -0.64 0.00	18.08 -0.62 0.00	16.64 -0.55 0.00	17.91 -0.60 0.00	17.67 -0.61 0.00	18.64 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.66 0.00	17.71 -0.65 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.56 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.15 -0.55 0.00
SITHE_IND_GS3 24171	19.71 -0.70 0.00	19.82 -0.70 0.00	17.97 -0.64 0.00	18.20 -0.66 0.00	18.64 -0.64 0.00	18.08 -0.62 0.00	16.64 -0.55 0.00	17.91 -0.60 0.00	17.67 -0.61 0.00	18.64 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.66 0.00	17.71 -0.65 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.56 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.15 -0.55 0.00
SITHE_IND_GS4 24172	19.71 -0.70 0.00	19.82 -0.70 0.00	17.97 -0.64 0.00	18.20 -0.66 0.00	18.64 -0.64 0.00	18.08 -0.62 0.00	16.64 -0.55 0.00	17.91 -0.60 0.00	17.67 -0.61 0.00	18.64 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.66 0.00	17.71 -0.65 0.00	18.45 -0.68 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.56 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.15 -0.55 0.00
SITHE___BATAVIA 24024	19.50 -0.92 0.00	19.57 -0.96 0.00	17.68 -0.92 0.00	17.94 -0.92 0.00	18.55 -0.72 0.00	18.01 -0.69 0.00	16.62 -0.57 0.00	17.88 -0.64 0.00	17.68 -0.60 0.00	18.55 -0.75 0.00	19.25 -1.04 0.00	20.56 -1.18 0.00	18.22 -1.07 0.00	16.62 -0.99 0.00	17.06 -1.03 0.00	17.24 -1.05 0.00	17.30 -1.06 0.00	18.09 -1.04 0.00	16.27 -0.87 0.00	15.42 -0.81 0.00	15.35 -0.78 0.00	15.82 -1.01 0.00	14.44 -0.94 0.00	14.82 -0.88 0.00
SITHE___INDEPEND 23800	19.72 -0.69 0.00	19.82 -0.70 0.00	17.97 -0.64 0.00	18.20 -0.66 0.00	18.64 -0.64 0.00	18.08 -0.62 0.00	16.64 -0.55 0.00	17.91 -0.61 0.00	17.67 -0.61 0.00	18.64 -0.67 0.00	19.54 -0.75 0.00	20.91 -0.82 0.00	18.57 -0.72 0.00	16.95 -0.65 0.00	17.42 -0.67 0.00	17.62 -0.66 0.00	17.70 -0.65 0.00	18.45 -0.69 0.00	16.55 -0.60 0.00	15.66 -0.57 0.00	15.56 -0.56 0.00	16.20 -0.62 0.00	14.84 -0.55 0.00	15.15 -0.55 0.00
SITHE___MASSENA 23902	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.32 0.00	19.18 0.32 0.00	19.64 0.36 0.00	19.06 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.97 0.36 0.00	18.43 0.34 0.00	18.61 0.32 0.00	18.65 0.29 0.00	19.42 0.28 0.00	17.37 0.23 0.00	16.45 0.22 0.00	16.39 0.26 0.00	17.10 0.28 0.00	15.62 0.23 0.00	15.93 0.23 0.00
SITHE___OGDNSBRG 24021	20.93 0.52 0.00	21.04 0.51 0.00	19.06 0.45 0.00	19.32 0.45 0.00	19.78 0.50 0.00	19.21 0.50 0.00	17.66 0.48 0.00	19.08 0.56 0.00	18.88 0.59 0.00	19.92 0.62 0.00	20.92 0.63 0.00	22.37 0.63 0.00	19.87 0.58 0.00	18.12 0.52 0.00	18.61 0.52 0.00	18.78 0.49 0.00	18.85 0.49 0.00	19.63 0.49 0.00	17.54 0.40 0.00	16.60 0.37 0.00	16.55 0.42 0.00	17.25 0.42 0.00	15.74 0.35 0.00	16.02 0.31 0.00

SITHE___STERLING 23777	20.77 0.36 0.00	20.89 0.36 0.00	18.91 0.31 0.00	19.17 0.30 0.00	19.61 0.34 0.00	19.05 0.34 0.00	17.53 0.34 0.00	18.91 0.40 0.00	18.69 0.40 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.11 0.37 0.00	19.47 0.18 0.00	17.73 0.12 0.00	18.29 0.20 0.00	18.57 0.28 0.00	18.71 0.35 0.00	19.48 0.34 0.00	17.40 0.25 0.00	16.45 0.22 0.00	16.34 0.21 0.00	17.02 0.20 0.00	15.56 0.17 0.00	15.84 0.13 0.00
SLEIGHT__34_KV_TB1 80719	19.66 -0.75 0.00	19.75 -0.78 0.00	17.88 -0.72 0.00	18.12 -0.74 0.00	18.63 -0.65 0.00	18.09 -0.62 0.00	16.68 -0.51 0.00	17.99 -0.52 0.00	17.76 -0.53 0.00	18.68 -0.62 0.00	19.49 -0.80 0.00	20.85 -0.89 0.00	18.48 -0.81 0.00	16.86 -0.74 0.00	17.34 -0.75 0.00	17.56 -0.73 0.00	17.63 -0.73 0.00	18.40 -0.74 0.00	16.52 -0.62 0.00	15.64 -0.59 0.00	15.54 -0.58 0.00	16.11 -0.71 0.00	14.72 -0.67 0.00	15.02 -0.68 0.00
SOUTH CAIRO___GT 23612	21.41 1.00 0.00	21.52 0.99 0.00	19.51 0.90 0.00	19.77 0.91 0.00	20.17 0.89 0.00	19.61 0.91 0.00	18.07 0.88 0.00	19.46 0.94 0.00	19.31 1.02 0.00	20.30 1.00 0.00	21.17 0.88 0.00	22.61 0.87 0.00	19.98 0.69 0.00	18.32 0.72 0.00	18.91 0.82 0.00	19.18 0.89 0.00	19.38 1.02 0.00	20.25 1.12 0.00	18.13 0.99 0.00	17.17 0.94 0.00	17.03 0.91 0.00	17.80 0.98 0.00	16.23 0.84 0.00	16.54 0.84 0.00
SOUTH HAMPTN___IC 23720	22.07 1.66 0.00	22.15 1.62 0.00	20.17 1.57 0.00	20.43 1.57 0.00	20.79 1.51 0.00	20.03 1.32 0.00	18.42 1.23 0.00	19.69 1.18 0.00	19.64 1.35 0.00	20.72 1.41 0.00	22.02 1.74 0.00	23.56 1.82 0.00	20.94 1.65 0.00	19.41 1.51 -0.30	39.66 1.57 -20.00	19.77 1.48 0.00	19.99 1.63 0.00	20.86 1.72 0.00	18.64 1.50 0.00	18.07 1.53 -0.31	17.42 1.29 0.00	18.19 1.37 0.00	17.27 1.49 -0.39	17.12 1.42 0.00
SOUTHDOW_115KV_TB1 355954	19.98 -0.43 0.00	20.14 -0.38 0.00	18.23 -0.37 0.00	18.47 -0.39 0.00	19.07 -0.20 0.00	18.48 -0.22 0.00	17.05 -0.14 0.00	18.39 -0.13 0.00	18.14 -0.15 0.00	19.12 -0.18 0.00	19.96 -0.33 0.00	21.43 -0.31 0.00	18.98 -0.31 0.00	17.25 -0.36 0.00	17.69 -0.40 0.00	17.81 -0.48 0.00	17.71 -0.65 0.00	18.43 -0.71 0.00	16.44 -0.70 0.00	15.45 -0.78 0.00	15.34 -0.79 0.00	15.88 -0.95 0.00	14.50 -0.89 0.00	14.91 -0.79 0.00
SOUTHOLD_69_KV_BK 2 55809	22.34 1.93 0.00	22.43 1.90 0.00	20.41 1.80 0.00	20.67 1.81 0.00	21.04 1.76 0.00	20.28 1.58 0.00	18.65 1.47 0.00	19.95 1.43 0.00	19.91 1.62 0.00	21.00 1.69 0.00	22.29 2.00 0.00	23.83 2.09 0.00	21.17 1.88 0.00	19.62 1.72 -0.30	39.88 1.79 -20.00	19.97 1.68 0.00	20.25 1.89 0.00	21.15 2.01 0.00	18.89 1.74 0.00	18.34 1.80 -0.31	17.68 1.55 0.00	18.44 1.61 0.00	17.50 1.72 -0.39	17.34 1.64 0.00
SOUTHOLD___IC 23719	22.34 1.93 0.00	22.41 1.89 0.00	20.41 1.80 0.00	20.67 1.81 0.00	21.04 1.76 0.00	20.28 1.57 0.00	18.65 1.47 0.00	19.95 1.43 0.00	19.91 1.62 0.00	21.00 1.69 0.00	22.29 2.00 0.00	23.83 2.09 0.00	21.17 1.88 0.00	19.62 1.72 -0.30	39.88 1.79 -20.00	19.98 1.69 0.00	20.25 1.89 0.00	21.15 2.01 0.00	18.89 1.74 0.00	18.34 1.79 -0.31	17.68 1.55 0.00	18.44 1.61 0.00	17.50 1.72 -0.39	17.34 1.64 0.00
SOUTH_FORK_WT_PWR 323839	22.37 1.96 0.00	22.44 1.91 0.00	20.43 1.82 0.00	20.70 1.83 0.00	21.06 1.79 0.00	20.30 1.60 0.00	18.67 1.49 0.00	19.97 1.46 0.00	19.94 1.65 0.00	21.02 1.72 0.00	22.31 2.02 0.00	23.85 2.11 0.00	21.18 1.90 0.00	19.62 1.72 -0.30	39.89 1.80 -20.00	19.97 1.68 0.00	20.26 1.90 0.00	21.15 2.01 0.00	18.89 1.75 0.00	18.36 1.81 -0.31	17.69 1.57 0.00	18.45 1.62 0.00	17.51 1.73 -0.39	17.36 1.66 0.00
SPIERFLS_115KV_TB 1 80737	21.23 0.82 0.00	21.34 0.81 0.00	19.29 0.69 0.00	19.57 0.71 0.00	19.96 0.68 0.00	19.43 0.73 0.00	17.78 0.59 0.00	19.21 0.70 0.00	19.07 0.78 0.00	20.18 0.88 0.00	21.21 0.92 0.00	22.74 1.00 0.00	20.11 0.82 0.00	18.35 0.75 0.00	18.91 0.82 0.00	19.13 0.84 0.00	19.24 0.88 0.00	20.05 0.92 0.00	17.94 0.80 0.00	16.96 0.72 0.00	16.81 0.69 0.00	17.59 0.77 0.00	16.09 0.70 0.00	16.32 0.61 0.00
ST LAWRENCE___ 23600	20.55 0.14 0.00	20.66 0.13 0.00	18.72 0.11 0.00	18.99 0.12 0.00	19.43 0.15 0.00	18.85 0.14 0.00	17.31 0.13 0.00	18.67 0.15 0.00	18.45 0.16 0.00	19.47 0.17 0.00	20.47 0.18 0.00	21.92 0.19 0.00	19.47 0.18 0.00	17.77 0.16 0.00	18.24 0.14 0.00	18.41 0.12 0.00	18.45 0.09 0.00	19.21 0.07 0.00	17.20 0.05 0.00	16.28 0.05 0.00	16.22 0.09 0.00	16.93 0.10 0.00	15.46 0.07 0.00	15.78 0.08 0.00
STATE_CA_115KV_115_LB 55624	20.63 0.22 0.00	20.75 0.23 0.00	18.85 0.24 0.00	19.10 0.23 0.00	19.47 0.19 0.00	18.90 0.20 0.00	17.40 0.21 0.00	18.67 0.16 0.00	18.48 0.19 0.00	19.50 0.19 0.00	20.50 0.21 0.00	21.98 0.25 0.00	19.51 0.22 0.00	17.87 0.26 0.00	18.37 0.28 0.00	18.57 0.29 0.00	18.63 0.27 0.00	19.43 0.30 0.00	17.41 0.27 0.00	16.51 0.27 0.00	16.38 0.26 0.00	17.12 0.30 0.00	15.67 0.28 0.00	16.00 0.30 0.00
STATE_ST_34_KV_LOAD 55959	20.19 -0.22 0.00	20.30 -0.23 0.00	18.38 -0.23 0.00	18.63 -0.23 0.00	19.09 -0.18 0.00	18.54 -0.16 0.00	17.07 -0.11 0.00	18.40 -0.11 0.00	18.15 -0.13 0.00	19.14 -0.16 0.00	20.01 -0.28 0.00	21.41 -0.33 0.00	18.97 -0.32 0.00	17.30 -0.31 0.00	17.80 -0.29 0.00	18.04 -0.25 0.00	18.16 -0.21 0.00	18.94 -0.19 0.00	16.98 -0.16 0.00	16.06 -0.17 0.00	15.95 -0.18 0.00	16.58 -0.24 0.00	15.17 -0.22 0.00	15.47 -0.23 0.00
STATION 5_MISC_HYD 23604	19.53 -0.89 0.00	19.62 -0.91 0.00	17.75 -0.85 0.00	18.00 -0.87 0.00	18.54 -0.74 0.00	18.00 -0.70 0.00	16.59 -0.59 0.00	17.87 -0.65 0.00	17.65 -0.64 0.00	18.55 -0.75 0.00	19.34 -0.95 0.00	20.69 -1.05 0.00	18.36 -0.93 0.00	16.75 -0.85 0.00	17.19 -0.90 0.00	17.37 -0.92 0.00	17.43 -0.93 0.00	18.21 -0.93 0.00	16.36 -0.79 0.00	15.50 -0.73 0.00	15.42 -0.71 0.00	15.95 -0.88 0.00	14.57 -0.82 0.00	14.91 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.83 -0.58 0.00	19.92 -0.61 0.00	18.03 -0.58 0.00	18.27 -0.60 0.00	18.79 -0.49 0.00	18.25 -0.45 0.00	16.83 -0.35 0.00	18.16 -0.35 0.00	17.92 -0.37 0.00	18.85 -0.45 0.00	19.65 -0.64 0.00	21.01 -0.73 0.00	18.62 -0.67 0.00	16.98 -0.62 0.00	17.47 -0.62 0.00	17.69 -0.60 0.00	17.77 -0.59 0.00	18.56 -0.58 0.00	16.66 -0.48 0.00	15.77 -0.47 0.00	15.67 -0.46 0.00	16.23 -0.59 0.00	14.83 -0.56 0.00	15.15 -0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.47 -0.94 0.00	19.56 -0.97 0.00	17.70 -0.91 0.00	17.94 -0.92 0.00	18.47 -0.80 0.00	17.93 -0.77 0.00	16.54 -0.64 0.00	17.84 -0.67 0.00	17.59 -0.70 0.00	18.50 -0.80 0.00	19.29 -1.00 0.00	20.63 -1.10 0.00	18.31 -0.98 0.00	16.71 -0.89 0.00	17.16 -0.93 0.00	17.35 -0.94 0.00	17.39 -0.97 0.00	18.17 -0.97 0.00	16.33 -0.82 0.00	15.46 -0.77 0.00	15.38 -0.75 0.00	15.92 -0.90 0.00	14.54 -0.84 0.00	14.87 -0.83 0.00

STA_56___34_KV_BUS2 355983	19.47 -0.94 0.00	19.56 -0.97 0.00	17.70 -0.91 0.00	17.94 -0.92 0.00	18.47 -0.80 0.00	17.93 -0.77 0.00	16.54 -0.64 0.00	17.84 -0.67 0.00	17.59 -0.70 0.00	18.50 -0.80 0.00	19.29 -1.00 0.00	20.63 -1.10 0.00	18.31 -0.98 0.00	16.71 -0.89 0.00	17.16 -0.93 0.00	17.35 -0.94 0.00	17.39 -0.97 0.00	18.17 -0.97 0.00	16.33 -0.82 0.00	15.46 -0.77 0.00	15.38 -0.75 0.00	15.92 -0.90 0.00	14.54 -0.84 0.00	14.87 -0.83 0.00
STA_67___115KV_BK2 355882	19.49 -0.92 0.00	19.59 -0.94 0.00	17.72 -0.89 0.00	17.97 -0.90 0.00	18.50 -0.78 0.00	17.96 -0.74 0.00	16.56 -0.62 0.00	17.87 -0.65 0.00	17.62 -0.67 0.00	18.51 -0.79 0.00	19.31 -0.98 0.00	20.65 -1.09 0.00	18.33 -0.96 0.00	16.72 -0.88 0.00	17.16 -0.93 0.00	17.35 -0.94 0.00	17.38 -0.98 0.00	18.16 -0.98 0.00	16.32 -0.82 0.00	15.46 -0.77 0.00	15.38 -0.75 0.00	15.91 -0.91 0.00	14.54 -0.84 0.00	14.87 -0.83 0.00
STA_7___115KV_9TRANS 80674	19.61 -0.80 0.00	19.70 -0.83 0.00	17.82 -0.79 0.00	18.06 -0.80 0.00	18.61 -0.67 0.00	18.07 -0.64 0.00	16.66 -0.53 0.00	17.97 -0.54 0.00	17.73 -0.56 0.00	18.63 -0.67 0.00	19.42 -0.87 0.00	20.77 -0.96 0.00	18.43 -0.86 0.00	16.82 -0.79 0.00	17.27 -0.82 0.00	17.46 -0.82 0.00	17.51 -0.85 0.00	18.29 -0.85 0.00	16.44 -0.70 0.00	15.57 -0.66 0.00	15.49 -0.64 0.00	16.02 -0.80 0.00	14.64 -0.75 0.00	14.97 -0.73 0.00
STA_82___115KV_TB1 80780	19.50 -0.92 0.00	19.59 -0.94 0.00	17.73 -0.88 0.00	17.97 -0.89 0.00	18.51 -0.76 0.00	17.97 -0.73 0.00	16.57 -0.61 0.00	17.88 -0.63 0.00	17.63 -0.66 0.00	18.53 -0.77 0.00	19.32 -0.97 0.00	20.65 -1.08 0.00	18.33 -0.96 0.00	16.73 -0.88 0.00	17.17 -0.92 0.00	17.36 -0.93 0.00	17.40 -0.96 0.00	18.17 -0.97 0.00	16.33 -0.82 0.00	15.47 -0.76 0.00	15.39 -0.73 0.00	15.92 -0.90 0.00	14.55 -0.84 0.00	14.88 -0.82 0.00
STEEL___WIND 323596	19.35 -1.06 0.00	19.47 -1.06 0.00	17.59 -1.02 0.00	17.84 -1.02 0.00	18.47 -0.81 0.00	17.91 -0.79 0.00	16.51 -0.68 0.00	17.76 -0.76 0.00	17.52 -0.77 0.00	18.43 -0.88 0.00	19.19 -1.10 0.00	20.56 -1.18 0.00	18.24 -1.05 0.00	16.62 -0.99 0.00	17.02 -1.07 0.00	17.15 -1.14 0.00	17.12 -1.24 0.00	17.87 -1.27 0.00	16.04 -1.11 0.00	15.18 -1.05 0.00	15.11 -1.02 0.00	15.57 -1.25 0.00	14.22 -1.17 0.00	14.59 -1.11 0.00
STEPHTWN_115KV_BK_2 55603	20.77 0.36 0.00	20.86 0.33 0.00	18.94 0.33 0.00	19.19 0.33 0.00	19.56 0.28 0.00	19.02 0.32 0.00	17.51 0.32 0.00	18.85 0.34 0.00	18.65 0.36 0.00	19.67 0.37 0.00	20.63 0.34 0.00	22.14 0.40 0.00	19.64 0.36 0.00	17.98 0.38 0.00	18.49 0.40 0.00	18.69 0.40 0.00	18.78 0.41 0.00	19.57 0.43 0.00	17.56 0.42 0.00	16.65 0.42 0.00	16.53 0.41 0.00	17.28 0.46 0.00	15.79 0.40 0.00	16.11 0.40 0.00
STEBUBEN_REC_LFGE 323667	19.88 -0.53 0.00	19.93 -0.60 0.00	18.00 -0.61 0.00	18.25 -0.61 0.00	18.87 -0.41 0.00	18.25 -0.45 0.00	16.84 -0.34 0.00	18.10 -0.42 0.00	17.89 -0.40 0.00	18.92 -0.38 0.00	19.73 -0.57 0.00	21.04 -0.70 0.00	18.62 -0.67 0.00	16.93 -0.67 0.00	17.43 -0.66 0.00	17.65 -0.64 0.00	17.61 -0.75 0.00	18.14 -1.00 0.00	16.11 -1.03 0.00	15.15 -1.08 0.00	15.00 -1.13 0.00	15.42 -1.40 0.00	14.04 -1.34 0.00	14.35 -1.35 0.00
STILLWATER___SOLAR 323814	21.13 0.72 0.00	21.26 0.73 0.00	19.24 0.64 0.00	19.52 0.65 0.00	19.90 0.63 0.00	19.35 0.65 0.00	17.74 0.56 0.00	19.16 0.64 0.00	18.97 0.68 0.00	20.05 0.74 0.00	21.06 0.77 0.00	22.58 0.84 0.00	19.99 0.70 0.00	18.23 0.63 0.00	18.79 0.70 0.00	19.04 0.74 0.00	19.12 0.75 0.00	19.93 0.79 0.00	17.85 0.70 0.00	16.89 0.66 0.00	16.76 0.63 0.00	17.52 0.69 0.00	16.01 0.62 0.00	16.28 0.58 0.00
STONY___BROOK 24151	21.74 1.33 0.00	21.83 1.30 0.00	19.88 1.27 0.00	20.13 1.27 0.00	20.47 1.20 0.00	19.73 1.02 0.00	18.13 0.95 0.00	19.46 0.95 0.00	19.30 1.02 0.00	20.38 1.08 0.00	21.71 1.42 0.00	23.29 1.56 0.00	20.70 1.41 0.00	19.21 1.31 -0.30	39.44 1.35 -20.00	19.53 1.24 0.00	19.73 1.36 0.00	20.58 1.44 0.00	18.42 1.28 0.00	17.83 1.28 -0.31	17.27 1.14 0.00	18.04 1.22 0.00	17.02 1.24 -0.39	16.90 1.20 0.00
STURGEON_POOL_HYD 23609	21.10 0.69 0.00	21.23 0.70 0.00	19.25 0.65 0.00	19.51 0.65 0.00	19.87 0.59 0.00	19.25 0.55 0.00	17.67 0.48 0.00	19.05 0.54 0.00	18.80 0.51 0.00	19.89 0.59 0.00	21.06 0.77 0.00	22.63 0.89 0.00	20.10 0.81 0.00	18.34 0.73 0.00	18.82 0.72 0.00	19.00 0.71 0.00	19.12 0.76 0.00	19.99 0.85 0.00	17.93 0.79 0.00	16.98 0.75 0.00	16.85 0.72 0.00	17.58 0.75 0.00	16.09 0.70 0.00	16.39 0.69 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.95 0.54 0.00	21.08 0.55 0.00	19.13 0.52 0.00	19.39 0.52 0.00	19.75 0.47 0.00	19.15 0.44 0.00	17.57 0.39 0.00	18.94 0.43 0.00	18.70 0.41 0.00	19.77 0.47 0.00	20.89 0.60 0.00	22.43 0.69 0.00	19.92 0.63 0.00	18.18 0.57 0.00	18.67 0.58 0.00	18.86 0.58 0.00	18.97 0.62 0.00	19.83 0.69 0.00	17.79 0.65 0.00	16.85 0.61 0.00	16.71 0.59 0.00	17.45 0.62 0.00	15.96 0.57 0.00	16.25 0.56 0.00
SWANROAD_115KV_TB1 355699	18.65 -1.76 0.00	18.75 -1.78 0.00	16.94 -1.66 0.00	17.20 -1.66 0.00	17.81 -1.47 0.00	17.27 -1.43 0.00	15.92 -1.27 0.00	17.12 -1.39 0.00	16.89 -1.40 0.00	17.71 -1.59 0.00	18.42 -1.87 0.00	19.73 -2.01 0.00	17.54 -1.75 0.00	16.00 -1.61 0.00	16.38 -1.72 0.00	16.51 -1.78 0.00	16.43 -1.93 0.00	17.14 -1.99 0.00	15.45 -1.69 0.00	14.65 -1.58 0.00	14.60 -1.53 0.00	15.02 -1.80 0.00	13.73 -1.65 0.00	14.16 -1.54 0.00
SYNERGY___BIOGAS 323694	19.50 -0.92 0.00	19.57 -0.96 0.00	17.68 -0.92 0.00	17.94 -0.92 0.00	18.55 -0.72 0.00	18.01 -0.69 0.00	16.62 -0.57 0.00	17.88 -0.64 0.00	17.68 -0.60 0.00	18.55 -0.75 0.00	19.25 -1.04 0.00	20.56 -1.18 0.00	18.22 -1.07 0.00	16.62 -0.99 0.00	17.06 -1.03 0.00	17.24 -1.05 0.00	17.30 -1.06 0.00	18.09 -1.04 0.00	16.27 -0.87 0.00	15.42 -0.81 0.00	15.35 -0.78 0.00	15.82 -1.01 0.00	14.44 -0.94 0.00	14.82 -0.88 0.00
SYRACUSE___ENERGY_ST1 323597	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	20.13 -0.28 0.00	20.24 -0.29 0.00	18.33 -0.27 0.00	18.58 -0.28 0.00	19.03 -0.25 0.00	18.47 -0.23 0.00	17.00 -0.19 0.00	18.32 -0.20 0.00	18.08 -0.21 0.00	19.06 -0.24 0.00	19.98 -0.31 0.00	21.38 -0.36 0.00	18.95 -0.34 0.00	17.29 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.11 -0.25 0.00	18.89 -0.25 0.00	16.92 -0.22 0.00	16.02 -0.21 0.00	15.90 -0.22 0.00	16.55 -0.27 0.00	15.15 -0.24 0.00	15.45 -0.25 0.00

SYRACUSE___POWER 24017	20.15 -0.26 0.00	20.26 -0.27 0.00	18.35 -0.25 0.00	18.60 -0.26 0.00	19.04 -0.23 0.00	18.48 -0.22 0.00	17.01 -0.18 0.00	18.33 -0.18 0.00	18.09 -0.20 0.00	19.07 -0.24 0.00	20.00 -0.29 0.00	21.39 -0.35 0.00	18.96 -0.33 0.00	17.30 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.12 -0.24 0.00	18.90 -0.23 0.00	16.94 -0.21 0.00	16.03 -0.20 0.00	15.92 -0.21 0.00	16.56 -0.26 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
TALLMAN___138KV_BK151 55660	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.52 0.00	19.19 0.49 0.00	17.61 0.42 0.00	18.98 0.46 0.00	18.74 0.45 0.00	19.81 0.51 0.00	20.96 0.67 0.00	22.51 0.77 0.00	19.99 0.71 0.00	18.25 0.64 0.00	18.75 0.65 0.00	18.93 0.64 0.00	19.03 0.67 0.00	19.90 0.76 0.00	17.86 0.72 0.00	16.91 0.68 0.00	16.77 0.64 0.00	17.51 0.69 0.00	16.02 0.63 0.00	16.31 0.62 0.00
TEALLAVE_115KV_TB7 355573	20.03 -0.38 0.00	20.15 -0.38 0.00	18.25 -0.35 0.00	18.50 -0.37 0.00	18.94 -0.34 0.00	18.39 -0.32 0.00	16.92 -0.27 0.00	18.22 -0.29 0.00	17.99 -0.30 0.00	18.96 -0.35 0.00	19.88 -0.41 0.00	21.27 -0.47 0.00	18.86 -0.43 0.00	17.21 -0.40 0.00	17.70 -0.39 0.00	17.92 -0.37 0.00	18.01 -0.35 0.00	18.79 -0.35 0.00	16.84 -0.30 0.00	15.94 -0.29 0.00	15.82 -0.31 0.00	16.47 -0.35 0.00	15.07 -0.32 0.00	15.37 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	19.17 -1.24 0.00	19.26 -1.27 0.00	17.40 -1.20 0.00	17.66 -1.20 0.00	18.27 -1.01 0.00	17.73 -0.97 0.00	16.35 -0.83 0.00	17.62 -0.89 0.00	17.38 -0.91 0.00	18.24 -1.06 0.00	18.95 -1.34 0.00	20.28 -1.46 0.00	18.00 -1.29 0.00	16.42 -1.18 0.00	16.83 -1.26 0.00	16.99 -1.30 0.00	16.96 -1.39 0.00	17.72 -1.42 0.00	15.95 -1.20 0.00	15.11 -1.12 0.00	15.05 -1.08 0.00	15.50 -1.32 0.00	14.16 -1.23 0.00	14.55 -1.15 0.00
TEMPLE___115KV_TB 2 55572	20.04 -0.37 0.00	20.15 -0.37 0.00	18.26 -0.35 0.00	18.51 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.31 0.00	16.92 -0.26 0.00	18.23 -0.28 0.00	17.99 -0.30 0.00	18.97 -0.34 0.00	19.89 -0.40 0.00	21.28 -0.46 0.00	18.87 -0.42 0.00	17.22 -0.38 0.00	17.71 -0.38 0.00	17.92 -0.37 0.00	18.02 -0.34 0.00	18.80 -0.34 0.00	16.84 -0.30 0.00	15.94 -0.29 0.00	15.83 -0.30 0.00	16.48 -0.35 0.00	15.08 -0.31 0.00	15.38 -0.32 0.00
TIANA____69_KV_BK 1 55817	22.00 1.59 0.00	22.11 1.57 0.00	20.12 1.52 0.00	20.38 1.52 0.00	20.73 1.46 0.00	19.98 1.28 0.00	18.37 1.18 0.00	19.63 1.12 0.00	19.58 1.30 0.00	20.66 1.36 0.00	21.97 1.68 0.00	23.51 1.77 0.00	20.89 1.61 0.00	19.37 1.47 -0.30	39.62 1.53 -20.00	19.73 1.44 0.00	19.94 1.58 0.00	20.81 1.67 0.00	18.59 1.45 0.00	18.03 1.49 -0.31	17.38 1.25 0.00	18.15 1.33 0.00	17.23 1.45 -0.39	17.07 1.37 0.00
TILDEN___115KV_TB1 80814	20.15 -0.26 0.00	20.26 -0.27 0.00	18.35 -0.25 0.00	18.60 -0.26 0.00	19.04 -0.23 0.00	18.48 -0.22 0.00	17.01 -0.18 0.00	18.33 -0.18 0.00	18.09 -0.20 0.00	19.07 -0.24 0.00	20.00 -0.29 0.00	21.39 -0.35 0.00	18.96 -0.33 0.00	17.30 -0.31 0.00	17.79 -0.30 0.00	18.01 -0.28 0.00	18.12 -0.24 0.00	18.90 -0.23 0.00	16.94 -0.21 0.00	16.03 -0.20 0.00	15.92 -0.21 0.00	16.56 -0.26 0.00	15.16 -0.23 0.00	15.46 -0.24 0.00
TRIGEN___CC 323695	21.37 0.96 0.00	21.50 0.97 0.00	19.54 0.94 0.00	19.82 0.95 0.00	20.15 0.88 0.00	19.45 0.75 0.00	17.88 0.69 0.00	19.24 0.73 0.00	19.03 0.74 0.00	20.08 0.78 0.00	21.34 1.05 0.00	22.93 1.19 0.00	20.37 1.08 0.00	18.93 1.03 -0.30	39.14 1.05 -20.00	19.26 0.97 0.00	19.40 1.04 0.00	20.25 1.11 0.00	18.17 1.03 0.00	17.56 1.01 -0.31	17.08 0.95 0.00	17.83 1.01 0.00	16.74 0.96 -0.39	16.64 0.94 0.00
TRINITY___115KV___4 BK 55933	20.57 0.16 0.00	20.70 0.16 0.00	18.79 0.18 0.00	19.04 0.18 0.00	19.40 0.13 0.00	18.85 0.14 0.00	17.34 0.15 0.00	18.61 0.09 0.00	18.42 0.13 0.00	19.43 0.13 0.00	20.43 0.14 0.00	21.91 0.17 0.00	19.45 0.16 0.00	17.81 0.20 0.00	18.31 0.22 0.00	18.51 0.22 0.00	18.57 0.21 0.00	19.37 0.23 0.00	17.35 0.20 0.00	16.45 0.21 0.00	16.32 0.19 0.00	17.07 0.25 0.00	15.61 0.22 0.00	15.95 0.25 0.00
UNION___PROCESSING_DRP 323587	19.50 -0.91 0.00	19.60 -0.93 0.00	17.74 -0.87 0.00	17.98 -0.88 0.00	18.52 -0.76 0.00	17.98 -0.73 0.00	16.58 -0.61 0.00	17.88 -0.63 0.00	17.63 -0.66 0.00	18.53 -0.77 0.00	19.32 -0.97 0.00	20.67 -1.07 0.00	18.34 -0.95 0.00	16.73 -0.87 0.00	17.18 -0.92 0.00	17.36 -0.93 0.00	17.40 -0.96 0.00	18.18 -0.96 0.00	16.34 -0.81 0.00	15.47 -0.76 0.00	15.39 -0.73 0.00	15.92 -0.90 0.00	14.55 -0.83 0.00	14.88 -0.82 0.00
UPPER HUDSON___HYD 24058	21.23 0.82 0.00	21.34 0.81 0.00	19.29 0.69 0.00	19.57 0.71 0.00	19.96 0.68 0.00	19.43 0.73 0.00	17.77 0.59 0.00	19.22 0.70 0.00	19.07 0.78 0.00	20.18 0.88 0.00	21.22 0.92 0.00	22.74 1.00 0.00	20.12 0.82 0.00	18.35 0.75 0.00	18.91 0.81 0.00	19.13 0.85 0.00	19.23 0.87 0.00	20.05 0.91 0.00	17.94 0.80 0.00	16.96 0.72 0.00	16.81 0.69 0.00	17.60 0.77 0.00	16.09 0.70 0.00	16.32 0.61 0.00
UPPER RAQUET___HYD 24056	20.36 -0.05 0.00	20.46 -0.07 0.00	18.53 -0.07 0.00	18.77 -0.09 0.00	19.22 -0.06 0.00	18.66 -0.05 0.00	17.15 -0.03 0.00	18.52 0.01 0.00	18.33 0.04 0.00	19.34 0.04 0.00	20.32 0.03 0.00	21.75 0.01 0.00	19.32 0.03 0.00	17.59 -0.01 0.00	18.06 -0.04 0.00	18.23 -0.06 0.00	18.28 -0.08 0.00	19.03 -0.10 0.00	17.00 -0.15 0.00	16.09 -0.14 0.00	16.04 -0.09 0.00	16.73 -0.09 0.00	15.28 -0.11 0.00	15.56 -0.14 0.00
VALLEY44_115KV_TB2 355964	19.87 -0.54 0.00	19.98 -0.55 0.00	18.05 -0.55 0.00	18.35 -0.51 0.00	18.94 -0.34 0.00	18.35 -0.35 0.00	16.92 -0.27 0.00	18.31 -0.21 0.00	18.03 -0.26 0.00	18.94 -0.36 0.00	19.73 -0.56 0.00	21.06 -0.68 0.00	18.58 -0.71 0.00	16.89 -0.71 0.00	17.31 -0.79 0.00	17.44 -0.85 0.00	17.46 -0.90 0.00	18.26 -0.87 0.00	16.40 -0.74 0.00	15.52 -0.71 0.00	15.46 -0.67 0.00	16.04 -0.78 0.00	14.73 -0.65 0.00	15.09 -0.61 0.00
VALLEY___115KV_TB 1-4 80826	20.39 -0.02 0.00	20.51 -0.02 0.00	18.57 -0.04 0.00	18.83 -0.04 0.00	19.18 -0.09 0.00	18.62 -0.08 0.00	17.10 -0.09 0.00	18.42 -0.09 0.00	18.23 -0.05 0.00	19.28 -0.02 0.00	20.31 0.02 0.00	21.76 0.03 0.00	19.24 -0.05 0.00	17.57 -0.04 0.00	18.05 -0.04 0.00	18.26 -0.03 0.00	18.34 -0.02 0.00	19.09 -0.05 0.00	17.09 -0.06 0.00	16.21 -0.02 0.00	16.09 -0.04 0.00	16.84 0.02 0.00	15.40 0.01 0.00	15.70 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.13 0.72 0.00	21.22 0.69 0.00	19.22 0.62 0.00	19.48 0.62 0.00	19.91 0.64 0.00	19.31 0.60 0.00	17.74 0.55 0.00	19.13 0.61 0.00	18.90 0.62 0.00	19.97 0.67 0.00	21.01 0.72 0.00	22.48 0.74 0.00	19.92 0.63 0.00	18.16 0.55 0.00	18.67 0.58 0.00	18.88 0.59 0.00	18.99 0.63 0.00	19.82 0.68 0.00	17.75 0.61 0.00	16.80 0.57 0.00	16.68 0.55 0.00	17.38 0.56 0.00	15.89 0.50 0.00	16.28 0.58 0.00

VISCHER___FERRY HYD 24020	20.88 0.46 0.00	21.02 0.49 0.00	19.04 0.44 0.00	19.31 0.45 0.00	19.68 0.40 0.00	19.13 0.42 0.00	17.53 0.34 0.00	18.89 0.38 0.00	18.70 0.41 0.00	19.76 0.45 0.00	20.77 0.48 0.00	22.28 0.54 0.00	19.74 0.45 0.00	18.03 0.42 0.00	18.56 0.47 0.00	18.79 0.50 0.00	18.84 0.48 0.00	19.66 0.52 0.00	17.60 0.46 0.00	16.67 0.44 0.00	16.53 0.40 0.00	17.29 0.47 0.00	15.81 0.42 0.00	16.10 0.40 0.00
V_A_10_SYNC_DSASP 323832	18.96 -1.45 0.00	19.07 -1.46 0.00	17.25 -1.36 0.00	17.49 -1.37 0.00	18.07 -1.20 0.00	17.54 -1.17 0.00	16.16 -1.02 0.00	17.38 -1.14 0.00	17.16 -1.13 0.00	18.03 -1.27 0.00	18.79 -1.50 0.00	20.11 -1.62 0.00	17.86 -1.43 0.00	16.28 -1.32 0.00	16.68 -1.42 0.00	16.80 -1.49 0.00	16.79 -1.57 0.00	17.54 -1.60 0.00	15.77 -1.37 0.00	14.95 -1.28 0.00	14.89 -1.23 0.00	15.37 -1.45 0.00	14.06 -1.33 0.00	14.42 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	20.63 0.23 0.00	20.75 0.22 0.00	18.80 0.20 0.00	19.07 0.21 0.00	19.51 0.23 0.00	18.93 0.23 0.00	17.39 0.21 0.00	18.76 0.24 0.00	18.54 0.25 0.00	19.57 0.27 0.00	20.57 0.28 0.00	22.02 0.28 0.00	19.57 0.28 0.00	17.85 0.24 0.00	18.32 0.22 0.00	18.49 0.21 0.00	18.53 0.17 0.00	19.29 0.15 0.00	17.27 0.13 0.00	16.36 0.12 0.00	16.29 0.16 0.00	17.00 0.17 0.00	15.53 0.14 0.00	15.84 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	21.20 0.79 0.00	21.30 0.77 0.00	19.29 0.68 0.00	19.56 0.70 0.00	19.99 0.71 0.00	19.41 0.71 0.00	17.83 0.65 0.00	19.26 0.75 0.00	19.13 0.85 0.00	20.22 0.92 0.00	21.23 0.94 0.00	22.74 1.01 0.00	20.17 0.88 0.00	18.39 0.78 0.00	18.90 0.81 0.00	19.10 0.81 0.00	19.12 0.76 0.00	19.91 0.77 0.00	17.80 0.65 0.00	16.87 0.64 0.00	16.75 0.63 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
V_D_10_SYNC_DSASP 323841	20.77 0.36 0.00	20.88 0.35 0.00	18.92 0.32 0.00	19.18 0.32 0.00	19.64 0.36 0.00	19.05 0.35 0.00	17.51 0.32 0.00	18.89 0.37 0.00	18.67 0.38 0.00	19.71 0.41 0.00	20.70 0.41 0.00	22.17 0.43 0.00	19.69 0.40 0.00	17.97 0.36 0.00	18.43 0.34 0.00	18.61 0.32 0.00	18.65 0.29 0.00	19.42 0.28 0.00	17.37 0.23 0.00	16.45 0.22 0.00	16.39 0.26 0.00	17.10 0.28 0.00	15.62 0.23 0.00	15.93 0.23 0.00
V_E_10_SYNC_DSASP 323830	21.80 1.39 0.00	21.94 1.41 0.00	19.83 1.22 0.00	20.13 1.26 0.00	20.64 1.36 0.00	20.01 1.31 0.00	18.43 1.24 0.00	19.87 1.36 0.00	19.59 1.30 0.00	20.56 1.25 0.00	21.35 1.06 0.00	22.86 1.12 0.00	20.24 0.95 0.00	18.41 0.80 0.00	18.94 0.84 0.00	19.19 0.90 0.00	19.42 1.06 0.00	20.17 1.03 0.00	17.92 0.77 0.00	16.92 0.69 0.00	16.69 0.56 0.00	17.38 0.55 0.00	15.85 0.46 0.00	16.02 0.33 0.00
V_F_30_NSYNC___DSASP 323816	21.16 0.74 0.00	21.29 0.76 0.00	19.26 0.66 0.00	19.54 0.67 0.00	19.93 0.65 0.00	19.38 0.67 0.00	17.77 0.59 0.00	19.19 0.67 0.00	18.99 0.71 0.00	20.08 0.77 0.00	21.10 0.80 0.00	22.61 0.87 0.00	20.02 0.73 0.00	18.27 0.66 0.00	18.83 0.73 0.00	19.06 0.77 0.00	19.14 0.78 0.00	19.95 0.82 0.00	17.87 0.73 0.00	16.91 0.68 0.00	16.78 0.65 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
V_F_30_SYNC_DSASP 323786	20.63 0.22 0.00	20.75 0.23 0.00	18.84 0.24 0.00	19.10 0.23 0.00	19.47 0.19 0.00	18.90 0.20 0.00	17.40 0.21 0.00	18.67 0.16 0.00	18.48 0.19 0.00	19.49 0.19 0.00	20.50 0.21 0.00	21.98 0.24 0.00	19.51 0.22 0.00	17.87 0.26 0.00	18.37 0.28 0.00	18.57 0.29 0.00	18.63 0.27 0.00	19.43 0.30 0.00	17.41 0.27 0.00	16.51 0.27 0.00	16.38 0.26 0.00	17.12 0.30 0.00	15.67 0.28 0.00	16.00 0.30 0.00
V_XM_10_SYNC_DSASP 323789	21.20 0.79 0.00	21.30 0.77 0.00	19.29 0.68 0.00	19.56 0.70 0.00	19.99 0.71 0.00	19.41 0.71 0.00	17.83 0.65 0.00	19.26 0.75 0.00	19.13 0.85 0.00	20.22 0.92 0.00	21.23 0.94 0.00	22.74 1.01 0.00	20.17 0.88 0.00	18.39 0.78 0.00	18.90 0.81 0.00	19.10 0.81 0.00	19.12 0.76 0.00	19.91 0.77 0.00	17.80 0.65 0.00	16.87 0.64 0.00	16.75 0.63 0.00	17.54 0.72 0.00	16.03 0.64 0.00	16.30 0.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.07 0.66 0.00	21.20 0.67 0.00	19.23 0.63 0.00	19.50 0.64 0.00	19.85 0.58 0.00	19.25 0.54 0.00	17.66 0.48 0.00	19.04 0.52 0.00	18.80 0.51 0.00	19.87 0.57 0.00	21.02 0.73 0.00	22.58 0.85 0.00	20.06 0.77 0.00	18.30 0.70 0.00	18.80 0.71 0.00	18.99 0.70 0.00	19.10 0.74 0.00	19.97 0.83 0.00	17.92 0.77 0.00	16.97 0.73 0.00	16.83 0.70 0.00	17.57 0.75 0.00	16.07 0.68 0.00	16.36 0.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.18 0.78 0.00	21.32 0.79 0.00	19.37 0.77 0.00	19.61 0.75 0.00	19.92 0.65 0.00	19.29 0.59 0.00	17.72 0.53 0.00	19.11 0.59 0.00	18.85 0.57 0.00	19.93 0.63 0.00	21.11 0.82 0.00	22.67 0.94 0.00	20.14 0.85 0.00	18.40 0.80 0.00	18.90 0.81 0.00	19.08 0.79 0.00	19.18 0.82 0.00	20.04 0.90 0.00	17.95 0.81 0.00	17.00 0.77 0.00	16.88 0.75 0.00	17.62 0.80 0.00	16.13 0.74 0.00	16.43 0.73 0.00
W50THST__13_KV_LOAD 356117	21.29 0.88 0.00	21.43 0.90 0.00	19.47 0.87 0.00	19.72 0.85 0.00	20.03 0.75 0.00	19.40 0.69 0.00	17.82 0.64 0.00	19.22 0.71 0.00	18.97 0.68 0.00	20.04 0.74 0.00	21.24 0.94 0.00	22.80 1.07 0.00	20.25 0.96 0.00	18.52 0.92 0.00	19.02 0.93 0.00	19.20 0.91 0.00	19.29 0.93 0.00	20.16 1.02 0.00	18.05 0.91 0.00	17.10 0.87 0.00	16.98 0.85 0.00	17.72 0.90 0.00	16.22 0.83 0.00	16.52 0.83 0.00
WADING RIVER_IC_1 23522	21.88 1.47 0.00	21.97 1.44 0.00	20.01 1.41 0.00	20.27 1.40 0.00	20.61 1.34 0.00	19.86 1.16 0.00	18.26 1.07 0.00	19.48 0.96 0.00	19.46 1.17 0.00	20.53 1.23 0.00	21.85 1.56 0.00	23.38 1.65 0.00	20.79 1.50 0.00	19.27 1.38 -0.30	39.51 1.42 -20.00	19.62 1.33 0.00	19.82 1.45 0.00	20.66 1.52 0.00	18.45 1.31 0.00	17.88 1.34 -0.31	17.19 1.07 0.00	17.97 1.15 0.00	17.11 1.32 -0.39	16.95 1.25 0.00
WADING RIVER_IC_2 23547	21.88 1.47 0.00	21.97 1.44 0.00	20.01 1.41 0.00	20.27 1.40 0.00	20.61 1.34 0.00	19.86 1.16 0.00	18.26 1.07 0.00	19.48 0.96 0.00	19.46 1.17 0.00	20.53 1.23 0.00	21.85 1.56 0.00	23.38 1.65 0.00	20.79 1.50 0.00	19.27 1.38 -0.30	39.51 1.42 -20.00	19.62 1.33 0.00	19.82 1.45 0.00	20.66 1.52 0.00	18.45 1.31 0.00	17.88 1.34 -0.31	17.19 1.07 0.00	17.97 1.15 0.00	17.11 1.32 -0.39	16.95 1.25 0.00
WADING RIVER_IC_3 23601	21.88 1.47 0.00	21.97 1.44 0.00	20.01 1.41 0.00	20.27 1.40 0.00	20.61 1.34 0.00	19.86 1.16 0.00	18.26 1.07 0.00	19.48 0.96 0.00	19.46 1.17 0.00	20.53 1.23 0.00	21.85 1.56 0.00	23.38 1.65 0.00	20.79 1.50 0.00	19.27 1.38 -0.30	39.51 1.42 -20.00	19.62 1.33 0.00	19.82 1.45 0.00	20.66 1.52 0.00	18.45 1.31 0.00	17.88 1.34 -0.31	17.19 1.07 0.00	17.97 1.15 0.00	17.11 1.32 -0.39	16.95 1.25 0.00

WALDENNY_12_KV_BK2 80841	19.33 -1.08 0.00	19.43 -1.09 0.00	17.56 -1.05 0.00	17.81 -1.05 0.00	18.44 -0.84 0.00	17.87 -0.83 0.00	16.49 -0.70 0.00	17.77 -0.74 0.00	17.50 -0.78 0.00	18.39 -0.91 0.00	19.15 -1.14 0.00	20.53 -1.21 0.00	18.22 -1.08 0.00	16.60 -1.01 0.00	17.01 -1.09 0.00	17.14 -1.15 0.00	17.09 -1.27 0.00	17.82 -1.31 0.00	16.02 -1.12 0.00	15.17 -1.07 0.00	15.10 -1.03 0.00	15.56 -1.27 0.00	14.21 -1.18 0.00	14.58 -1.12 0.00
WALDEN___HYDRO 24148	21.19 0.78 0.00	21.31 0.78 0.00	19.33 0.72 0.00	19.59 0.72 0.00	19.95 0.67 0.00	19.34 0.64 0.00	17.77 0.58 0.00	19.17 0.65 0.00	18.93 0.64 0.00	20.00 0.70 0.00	21.13 0.84 0.00	22.68 0.94 0.00	20.13 0.84 0.00	18.31 0.70 0.00	18.83 0.74 0.00	19.06 0.76 0.00	19.21 0.85 0.00	20.09 0.95 0.00	18.02 0.87 0.00	17.06 0.82 0.00	16.93 0.80 0.00	17.66 0.83 0.00	16.15 0.76 0.00	16.41 0.71 0.00
WARRENSBURG___ 23737	21.23 0.82 0.00	21.34 0.81 0.00	19.29 0.69 0.00	19.57 0.71 0.00	19.96 0.68 0.00	19.43 0.73 0.00	17.77 0.59 0.00	19.22 0.70 0.00	19.07 0.78 0.00	20.18 0.88 0.00	21.22 0.92 0.00	22.74 1.00 0.00	20.12 0.82 0.00	18.35 0.75 0.00	18.91 0.81 0.00	19.13 0.85 0.00	19.23 0.87 0.00	20.05 0.91 0.00	17.94 0.80 0.00	16.96 0.72 0.00	16.81 0.69 0.00	17.60 0.77 0.00	16.09 0.70 0.00	16.32 0.61 0.00
WATERSIDE___6 8 9 23538	21.27 0.86 0.00	21.42 0.89 0.00	19.46 0.85 0.00	19.70 0.84 0.00	20.02 0.74 0.00	19.38 0.68 0.00	17.81 0.62 0.00	19.20 0.68 0.00	18.94 0.65 0.00	20.01 0.70 0.00	21.21 0.91 0.00	22.76 1.02 0.00	20.21 0.92 0.00	18.47 0.87 0.00	18.97 0.88 0.00	19.14 0.85 0.00	18.49 0.87 0.74	6.41 0.95 13.68	5.36 0.87 12.65	16.55 0.82 0.49	16.92 0.80 0.00	17.67 0.85 0.00	16.18 0.80 0.00	16.49 0.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.44 0.03 0.00	20.55 0.02 0.00	18.62 0.02 0.00	18.88 0.02 0.00	19.26 -0.02 0.00	18.69 -0.01 0.00	17.17 -0.02 0.00	18.50 -0.02 0.00	18.30 0.01 0.00	19.34 0.04 0.00	20.35 0.06 0.00	21.81 0.07 0.00	19.31 0.02 0.00	17.62 0.02 0.00	18.12 0.03 0.00	18.33 0.04 0.00	18.43 0.07 0.00	19.21 0.07 0.00	17.20 0.05 0.00	16.30 0.06 0.00	16.17 0.04 0.00	16.89 0.07 0.00	15.45 0.06 0.00	15.74 0.04 0.00
WATSON___69_KV_BK 1 55734	21.91 1.50 0.00	22.01 1.48 0.00	20.03 1.43 0.00	20.29 1.42 0.00	20.63 1.35 0.00	19.88 1.17 0.00	18.28 1.09 0.00	19.63 1.11 0.00	19.47 1.18 0.00	20.54 1.23 0.00	21.88 1.59 0.00	23.49 1.75 0.00	20.87 1.58 0.00	19.33 1.43 -0.30	39.57 1.48 -20.00	19.66 1.38 0.00	19.89 1.53 0.00	20.76 1.63 0.00	18.59 1.44 0.00	17.99 1.45 -0.31	17.45 1.32 0.00	18.23 1.41 0.00	17.17 1.39 -0.39	17.04 1.34 0.00
WDELAWARE___HYD 323627	21.25 0.84 0.00	21.41 0.89 0.00	19.42 0.82 0.00	19.69 0.82 0.00	20.06 0.78 0.00	19.45 0.75 0.00	17.87 0.68 0.00	19.28 0.77 0.00	19.05 0.76 0.00	20.13 0.83 0.00	21.27 0.98 0.00	22.82 1.09 0.00	20.27 0.98 0.00	18.48 0.88 0.00	18.94 0.85 0.00	19.16 0.87 0.00	19.33 0.98 0.00	20.21 1.08 0.00	18.13 0.99 0.00	17.16 0.93 0.00	17.02 0.90 0.00	17.75 0.93 0.00	16.23 0.84 0.00	16.51 0.81 0.00
WEST BABYLON___IC 23714	21.81 1.40 0.00	21.92 1.39 0.00	19.94 1.34 0.00	20.20 1.34 0.00	20.54 1.26 0.00	19.79 1.09 0.00	18.20 1.02 0.00	19.57 1.05 0.00	19.38 1.09 0.00	20.45 1.15 0.00	21.79 1.50 0.00	23.40 1.66 0.00	20.77 1.48 0.00	19.26 1.37 -0.30	39.50 1.40 -20.00	19.59 1.30 0.00	19.81 1.44 0.00	20.68 1.54 0.00	18.52 1.37 0.00	17.92 1.38 -0.31	17.39 1.27 0.00	18.17 1.35 0.00	17.09 1.31 -0.39	16.98 1.28 0.00
WEST CANADA___HYD 24049	20.43 0.02 0.00	20.55 0.02 0.00	18.62 0.02 0.00	18.88 0.02 0.00	19.28 0.00 0.00	18.71 0.01 0.00	17.18 0.00 0.00	18.52 0.00 0.00	18.29 0.00 0.00	19.32 0.02 0.00	20.31 0.02 0.00	21.77 0.03 0.00	19.30 0.01 0.00	17.62 0.01 0.00	18.11 0.02 0.00	18.31 0.02 0.00	18.39 0.03 0.00	19.16 0.02 0.00	17.15 0.00 0.00	16.23 0.00 0.00	16.13 0.00 0.00	16.83 0.00 0.00	15.40 0.01 0.00	15.70 0.00 0.00
WESTERN_NY_WIND 24143	19.46 -0.95 0.00	19.53 -0.99 0.00	17.65 -0.95 0.00	17.91 -0.95 0.00	18.52 -0.76 0.00	17.98 -0.73 0.00	16.59 -0.59 0.00	17.89 -0.62 0.00	17.66 -0.63 0.00	18.52 -0.78 0.00	19.22 -1.07 0.00	20.53 -1.20 0.00	18.19 -1.10 0.00	16.59 -1.01 0.00	17.03 -1.06 0.00	17.23 -1.06 0.00	17.26 -1.10 0.00	18.04 -1.10 0.00	16.24 -0.90 0.00	15.39 -0.84 0.00	15.32 -0.81 0.00	15.78 -1.04 0.00	14.41 -0.98 0.00	14.79 -0.91 0.00
WESTOVER___LESR 323668	20.23 -0.18 0.00	20.36 -0.17 0.00	18.42 -0.19 0.00	18.68 -0.18 0.00	19.15 -0.13 0.00	18.56 -0.14 0.00	17.08 -0.11 0.00	18.44 -0.08 0.00	18.19 -0.10 0.00	19.18 -0.13 0.00	20.11 -0.18 0.00	21.54 -0.19 0.00	19.08 -0.21 0.00	17.37 -0.23 0.00	17.87 -0.22 0.00	18.07 -0.22 0.00	18.15 -0.21 0.00	18.95 -0.19 0.00	16.97 -0.17 0.00	16.04 -0.19 0.00	15.92 -0.21 0.00	16.57 -0.25 0.00	15.17 -0.22 0.00	15.48 -0.22 0.00
WETHRSFD_WT_PWR 323626	19.38 -1.03 0.00	19.48 -1.05 0.00	17.58 -1.02 0.00	17.84 -1.02 0.00	18.46 -0.81 0.00	17.90 -0.81 0.00	16.48 -0.70 0.00	17.72 -0.79 0.00	17.49 -0.80 0.00	18.41 -0.89 0.00	19.22 -1.08 0.00	20.61 -1.13 0.00	18.26 -1.03 0.00	16.63 -0.98 0.00	17.06 -1.03 0.00	17.19 -1.10 0.00	17.15 -1.21 0.00	17.81 -1.33 0.00	15.92 -1.22 0.00	15.02 -1.21 0.00	14.89 -1.24 0.00	15.35 -1.47 0.00	14.01 -1.37 0.00	14.32 -1.38 0.00
WHAVSTOR_138KV_BK127 55557	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.18 0.48 0.00	17.60 0.42 0.00	18.97 0.46 0.00	18.73 0.44 0.00	19.80 0.50 0.00	20.95 0.66 0.00	22.50 0.77 0.00	19.98 0.70 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.92 0.63 0.00	19.03 0.66 0.00	19.89 0.75 0.00	17.84 0.70 0.00	16.90 0.66 0.00	16.77 0.64 0.00	17.50 0.68 0.00	16.01 0.62 0.00	16.30 0.61 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.00 0.59 0.00	21.13 0.60 0.00	19.18 0.58 0.00	19.44 0.58 0.00	19.79 0.51 0.00	19.18 0.48 0.00	17.60 0.42 0.00	18.97 0.46 0.00	18.73 0.44 0.00	19.80 0.50 0.00	20.95 0.66 0.00	22.50 0.77 0.00	19.98 0.70 0.00	18.24 0.64 0.00	18.74 0.65 0.00	18.92 0.63 0.00	19.03 0.66 0.00	19.89 0.75 0.00	17.84 0.70 0.00	16.90 0.66 0.00	16.77 0.64 0.00	17.50 0.68 0.00	16.01 0.62 0.00	16.30 0.61 0.00
WHITEHAL_115KV_TB1 80871	21.55 1.14 0.00	21.62 1.10 0.00	19.43 0.83 0.00	19.76 0.90 0.00	20.14 0.86 0.00	19.70 1.00 0.00	18.06 0.87 0.00	19.57 1.06 0.00	19.53 1.24 0.00	20.71 1.41 0.00	21.68 1.39 0.00	23.22 1.48 0.00	20.48 1.19 0.00	18.69 1.09 0.00	19.27 1.18 0.00	19.57 1.28 0.00	19.70 1.33 0.00	20.49 1.35 0.00	18.29 1.14 0.00	17.20 0.97 0.00	17.04 0.91 0.00	17.93 1.11 0.00	16.40 1.01 0.00	16.54 0.84 0.00

WHITEPLN_13_KV_LOAD 356215	21.26 0.85 0.00	21.39 0.86 0.00	19.42 0.81 0.00	19.68 0.81 0.00	20.02 0.75 0.00	19.40 0.70 0.00	17.82 0.64 0.00	19.21 0.69 0.00	18.97 0.68 0.00	20.06 0.76 0.00	21.24 0.95 0.00	22.82 1.08 0.00	20.26 0.97 0.00	18.51 0.90 0.00	19.01 0.92 0.00	19.19 0.90 0.00	19.30 0.94 0.00	20.18 1.04 0.00	18.09 0.94 0.00	17.13 0.90 0.00	16.99 0.86 0.00	17.73 0.91 0.00	16.23 0.84 0.00	16.52 0.82 0.00
WM_FLOYD_69_KV_BK2 356380	21.86 1.45 0.00	21.96 1.44 0.00	20.00 1.40 0.00	20.25 1.39 0.00	20.60 1.32 0.00	19.85 1.14 0.00	18.24 1.06 0.00	19.53 1.01 0.00	19.44 1.15 0.00	20.51 1.21 0.00	21.83 1.54 0.00	23.37 1.63 0.00	20.77 1.48 0.00	19.26 1.36 -0.30	39.50 1.40 -20.00	19.61 1.32 0.00	19.81 1.45 0.00	20.67 1.53 0.00	18.48 1.33 0.00	17.91 1.37 -0.31	17.29 1.16 0.00	18.07 1.25 0.00	17.12 1.34 -0.39	16.98 1.28 0.00
WOODARD__115KV_TB2 355635	20.00 -0.41 0.00	20.11 -0.42 0.00	18.22 -0.38 0.00	18.47 -0.39 0.00	18.90 -0.37 0.00	18.35 -0.36 0.00	16.88 -0.30 0.00	18.19 -0.33 0.00	17.95 -0.34 0.00	18.92 -0.38 0.00	19.85 -0.44 0.00	21.23 -0.51 0.00	18.83 -0.46 0.00	17.19 -0.42 0.00	17.67 -0.42 0.00	17.89 -0.40 0.00	17.98 -0.38 0.00	18.75 -0.38 0.00	16.81 -0.34 0.00	15.91 -0.32 0.00	15.80 -0.33 0.00	16.44 -0.38 0.00	15.05 -0.34 0.00	15.35 -0.35 0.00
YORK___WARBASSE 23770	21.38 0.97 0.00	21.52 0.99 0.00	19.55 0.94 0.00	19.79 0.92 0.00	20.11 0.84 0.00	19.48 0.77 0.00	17.90 0.71 0.00	19.30 0.78 0.00	19.04 0.75 0.00	20.11 0.81 0.00	21.30 1.01 0.00	22.85 1.11 0.00	20.30 1.01 0.00	18.56 0.95 0.00	19.06 0.97 0.00	19.24 0.95 -0.01	23.01 0.96 -3.69	88.41 1.05 -68.22	81.20 0.96 -63.10	19.62 0.92 -2.47	17.04 0.90 -0.01	17.79 0.96 -0.01	16.28 0.89 0.00	16.58 0.88 0.00