

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/16/2023

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	22.47	21.77	22.20	21.05	21.57	23.19	29.04	34.26	29.28	21.93	20.55	20.31	19.48	20.03	21.15	21.85	26.13	32.01	23.99	22.95	22.41	21.52	22.25	19.75
24138	1.22	1.11	1.05	0.98	0.94	1.04	1.36	1.73	1.39	1.09	1.04	0.96	0.99	1.04	1.09	1.10	1.41	1.99	1.58	1.51	1.47	1.36	1.29	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.46	21.76	22.21	21.05	21.57	23.18	29.04	34.25	29.28	21.93	20.55	20.30	19.47	20.02	21.13	21.84	26.11	32.00	23.97	22.95	22.40	21.51	22.24	19.75
24260	1.22	1.11	1.05	0.98	0.93	1.03	1.36	1.72	1.38	1.08	1.03	0.95	0.98	1.02	1.07	1.09	1.40	1.98	1.57	1.50	1.45	1.36	1.28	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.46	21.76	22.21	21.05	21.57	23.18	29.04	34.25	29.28	21.93	20.55	20.30	19.47	20.02	21.13	21.84	26.11	32.00	23.97	22.95	22.40	21.51	22.24	19.75
24261	1.22	1.11	1.05	0.98	0.93	1.03	1.36	1.72	1.38	1.08	1.03	0.95	0.98	1.02	1.07	1.09	1.40	1.98	1.57	1.50	1.45	1.36	1.28	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.16	21.51	21.88	20.72	21.34	22.96	28.84	33.99	28.98	21.45	19.91	19.65	18.76	19.42	20.67	21.61	25.93	31.79	23.64	22.53	22.05	21.21	21.92	19.42
24011	0.92	0.85	0.73	0.66	0.70	0.82	1.16	1.46	1.09	0.60	0.39	0.30	0.27	0.42	0.62	0.86	1.21	1.77	1.24	1.08	1.11	1.06	0.96	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.24	21.60	21.94	20.77	21.40	23.06	29.02	34.23	29.20	21.54	19.98	19.71	18.82	19.52	20.83	21.81	26.17	32.08	23.82	22.65	22.21	21.32	22.01	19.49
23798	0.99	0.95	0.79	0.70	0.76	0.91	1.34	1.70	1.30	0.70	0.46	0.36	0.33	0.53	0.77	1.06	1.45	2.05	1.41	1.20	1.27	1.17	1.05	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.16	21.51	21.88	20.72	21.34	22.96	28.84	33.99	28.98	21.45	19.91	19.65												

ALBANY___2 23572	21.18 -0.06 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.18 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.26 -0.22 0.00	18.74 -0.26 0.00	19.82 -0.23 0.00	20.59 -0.16 0.00	24.67 -0.05 0.00	30.17 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.06 0.12 0.00	20.23 0.07 0.00	20.97 0.01 0.00	18.68 0.12 0.00
ALBANY___3 23573	21.18 -0.06 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.18 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.26 -0.22 0.00	18.74 -0.26 0.00	19.82 -0.23 0.00	20.59 -0.16 0.00	24.67 -0.05 0.00	30.17 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.06 0.12 0.00	20.23 0.07 0.00	20.97 0.01 0.00	18.68 0.12 0.00
ALBANY___4 23574	21.18 -0.06 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.18 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.26 -0.22 0.00	18.74 -0.26 0.00	19.82 -0.23 0.00	20.59 -0.16 0.00	24.67 -0.05 0.00	30.17 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.06 0.12 0.00	20.23 0.07 0.00	20.97 0.01 0.00	18.68 0.12 0.00
ALBANY___LFGE 323615	21.38 0.14 0.00	20.75 0.09 0.00	21.20 0.05 0.00	20.09 0.02 0.00	20.66 0.02 0.00	22.17 0.03 0.00	27.76 0.08 0.00	32.68 0.15 0.00	28.00 0.11 0.00	20.89 0.04 0.00	19.50 -0.02 0.00	19.27 -0.08 0.00	18.47 -0.02 0.00	18.96 -0.04 0.00	20.07 0.01 0.00	20.85 0.10 0.00	24.97 0.25 0.00	30.56 0.54 0.00	22.84 0.43 0.00	21.83 0.38 0.00	21.32 0.38 0.00	20.48 0.33 0.00	21.23 0.27 0.00	18.86 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	21.63 0.39 0.00	21.05 0.39 0.00	21.60 0.45 0.00	20.46 0.39 0.00	21.06 0.42 0.00	22.57 0.42 0.00	28.13 0.46 0.00	33.07 0.54 0.00	28.36 0.47 0.00	21.19 0.35 0.00	19.86 0.35 0.00	19.75 0.40 0.00	18.87 0.39 0.00	19.40 0.41 0.00	20.50 0.45 0.00	21.05 0.30 0.00	25.00 0.29 0.00	29.97 -0.05 0.00	22.37 -0.03 0.00	21.49 0.04 0.00	21.02 0.07 0.00	20.33 0.18 0.00	21.20 0.24 0.00	18.72 0.16 0.00
ALCOA_RYNLDS___DRP 24188	21.63 0.39 0.00	21.05 0.39 0.00	21.60 0.45 0.00	20.46 0.39 0.00	21.06 0.42 0.00	22.57 0.42 0.00	28.13 0.46 0.00	33.07 0.54 0.00	28.36 0.47 0.00	21.19 0.35 0.00	19.86 0.35 0.00	19.75 0.40 0.00	18.87 0.39 0.00	19.40 0.41 0.00	20.50 0.45 0.00	21.05 0.30 0.00	25.00 0.29 0.00	29.97 -0.05 0.00	22.37 -0.03 0.00	21.49 0.04 0.00	21.02 0.07 0.00	20.33 0.18 0.00	21.20 0.24 0.00	18.72 0.16 0.00
ALCOA___DSASP 323711	21.63 0.39 0.00	21.05 0.39 0.00	21.60 0.45 0.00	20.46 0.39 0.00	21.06 0.42 0.00	22.57 0.42 0.00	28.13 0.46 0.00	33.06 0.54 0.00	28.36 0.47 0.00	21.19 0.35 0.00	19.86 0.35 0.00	19.75 0.40 0.00	18.87 0.39 0.00	19.40 0.41 0.00	20.50 0.44 0.00	21.05 0.30 0.00	25.00 0.29 0.00	29.97 -0.05 0.00	22.37 -0.03 0.00	21.49 0.04 0.00	21.02 0.07 0.00	20.33 0.18 0.00	21.20 0.24 0.00	18.72 0.16 0.00
ALLEGHENY___COGEN 23514	21.15 -0.09 0.00	20.59 -0.07 0.00	21.32 0.17 0.00	20.44 0.37 0.00	21.18 0.54 0.00	23.21 0.68 -0.38	28.70 1.02 0.00	34.36 1.03 -0.80	30.48 1.14 -1.45	21.98 0.75 -0.39	20.20 0.50 -0.19	19.61 0.26 0.00	18.59 0.11 0.00	19.17 0.17 0.00	20.37 0.31 0.00	21.21 0.46 0.00	25.09 0.38 0.00	30.56 0.53 0.00	22.57 0.16 0.00	21.51 0.06 0.00	20.87 -0.07 0.00	19.81 -0.35 0.00	20.58 -0.38 0.00	18.23 -0.33 0.00
ALTAMONT_115KV_TB 2 55880	21.52 0.28 0.00	20.89 0.24 0.00	21.36 0.20 0.00	20.25 0.18 0.00	20.81 0.17 0.00	22.34 0.19 0.00	27.95 0.27 0.00	32.89 0.36 0.00	28.17 0.28 0.00	21.01 0.17 0.00	19.63 0.11 0.00	19.41 0.06 0.00	18.57 0.08 0.00	19.09 0.10 0.00	20.19 0.13 0.00	20.95 0.20 0.00	25.06 0.35 0.00	30.65 0.63 0.00	22.89 0.49 0.00	21.89 0.45 0.00	21.38 0.44 0.00	20.54 0.39 0.00	21.31 0.35 0.00	18.92 0.36 0.00
ALTONA_WT_PWR 323606	21.37 0.12 0.00	20.71 0.06 0.00	21.30 0.15 0.00	20.16 0.10 0.00	20.79 0.15 0.00	22.47 0.32 0.00	28.38 0.70 0.00	33.55 1.02 0.00	28.73 0.84 0.00	21.40 0.55 0.00	20.03 0.51 0.00	19.87 0.52 0.00	18.96 0.47 0.00	19.59 0.60 0.00	20.67 0.61 0.00	21.16 0.41 0.00	24.83 0.11 0.00	29.78 -0.24 0.00	22.06 -0.34 0.00	21.17 -0.28 0.00	20.99 0.05 0.00	20.18 0.02 0.00	20.97 0.01 0.00	18.22 -0.34 0.00
AMERICAN_REF_FUEL 24010	19.85 -1.40 0.00	19.46 -1.20 0.00	20.11 -1.04 0.00	19.17 -0.90 0.00	19.68 -0.96 0.00	20.00 -1.07 1.08	26.20 -1.48 0.00	27.81 -2.45 2.27	22.21 -1.57 4.12	18.69 -1.04 1.12	18.11 -0.87 0.54	18.69 -0.66 0.00	17.72 -0.76 0.00	18.20 -0.80 0.00	19.07 -0.99 0.00	19.86 -0.89 0.00	23.28 -1.43 0.00	28.06 -1.96 0.00	20.64 -1.76 0.00	19.82 -1.63 0.00	19.31 -1.63 0.00	18.34 -1.81 0.00	19.23 -1.73 0.00	17.20 -1.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.37 -0.88 0.00	20.15 -0.51 0.00	20.93 -0.22 0.00	20.00 -0.06 0.00	20.61 -0.03 0.00	20.65 -0.04 1.46	27.67 -0.01 0.00	28.89 -0.59 3.06	22.23 -0.12 5.54	19.42 0.07 1.50	18.87 0.08 0.72	19.61 0.26 0.00	18.59 0.10 0.00	18.96 -0.03 0.00	19.88 -0.18 0.00	20.68 -0.07 0.00	24.25 -0.47 0.00	28.99 -1.03 0.00	21.16 -1.25 0.00	20.20 -1.24 0.00	19.62 -1.32 0.00	18.68 -1.48 0.00	19.42 -1.54 0.00	17.40 -1.16 0.00
ARTHUR KILL_GT_1 23520	22.45 1.20 0.00	21.74 1.09 0.00	22.19 1.04 0.00	21.02 0.96 0.00	21.54 0.90 0.00	23.15 1.00 0.00	28.99 1.32 0.00	34.21 1.69 0.00	29.22 1.33 0.00	21.88 1.03 0.00	20.43 0.92 0.00	20.18 0.83 0.00	19.35 0.86 0.00	19.89 0.90 0.00	21.02 0.96 0.00	21.71 0.96 0.00	25.98 1.27 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.90 1.45 0.00	22.41 1.46 0.00	21.52 1.37 0.00	22.25 1.29 0.00	19.75 1.20 0.00
ARTHUR_KILL_2 23512	22.38 1.14 0.00	21.69 1.03 0.00	22.13 0.98 0.00	20.97 0.90 0.00	21.49 0.85 0.00	23.09 0.94 0.00	28.91 1.23 0.00	34.12 1.59 0.00	29.14 1.25 0.00	21.82 0.97 0.00	20.38 0.86 0.00	20.13 0.78 0.00	19.30 0.81 0.00	19.84 0.85 0.00	20.96 0.90 0.00	21.66 0.91 0.00	25.91 1.19 0.00	31.76 1.74 0.00	23.81 1.40 0.00	22.83 1.38 0.00	22.34 1.40 0.00	21.45 1.30 0.00	22.19 1.22 0.00	19.70 1.14 0.00
ARTHUR_KILL_3 23513	22.22 0.97 0.00	21.53 0.87 0.00	21.98 0.82 0.00	20.83 0.76 0.00	21.34 0.71 0.00	22.93 0.79 0.00	28.71 1.03 0.00	33.87 1.34 0.00	28.94 1.05 0.00	21.66 0.82 0.00	20.29 0.78 0.00	20.05 0.71 0.00	19.24 0.75 0.00	19.78 0.79 0.00	20.88 0.82 0.00	21.58 0.83 0.00	25.79 1.08 0.00	31.61 1.59 0.00	23.70 1.30 0.00	22.68 1.24 0.00	22.14 1.20 0.00	21.27 1.12 0.00	21.99 1.03 0.00	19.53 0.98 0.00

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ASTORIA_GT4_4 24105	22.46 1.21 0.00	21.73 1.07 0.00	22.17 1.02 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.08 0.94 0.00	28.90 1.22 0.00	34.16 1.63 0.00	29.21 1.32 0.00	21.91 1.06 0.00	20.51 1.00 0.00	20.26 0.91 0.00	19.43 0.94 0.00	19.96 0.97 0.00	21.11 1.05 0.00	21.77 1.02 0.00	26.02 1.30 0.00	31.87 1.85 0.00	23.91 1.50 0.00	22.91 1.47 0.00	22.35 1.40 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.72 1.17 0.00
ASTORIA_GT_1 23523	22.50 1.25 0.00	21.77 1.11 0.00	22.20 1.05 0.00	21.02 0.95 0.00	21.53 0.90 0.00	23.12 0.97 0.00	28.95 1.27 0.00	34.21 1.68 0.00	29.26 1.37 0.00	21.94 1.10 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.15 1.09 0.00	21.81 1.06 0.00	26.07 1.35 0.00	31.92 1.90 0.00	23.96 1.55 0.00	22.95 1.50 0.00	22.38 1.44 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.75 1.20 0.00
ASTORIA_GT_10 24110	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA_GT_11 24225	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA_GT_12 24226	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA_GT_13 24227	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA_GT_5 24106	22.50 1.25 0.00	21.77 1.11 0.00	22.20 1.05 0.00	21.02 0.95 0.00	21.53 0.90 0.00	23.11 0.97 0.00	28.95 1.27 0.00	34.21 1.68 0.00	29.26 1.37 0.00	21.94 1.10 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.15 1.09 0.00	21.81 1.06 0.00	26.07 1.35 0.00	31.92 1.91 0.00	23.95 1.55 0.00	22.95 1.50 0.00	22.38 1.44 0.00	21.51 1.36 0.00	22.22 1.26 0.00	19.76 1.20 0.00
ASTORIA_GT_7 24107	22.50 1.25 0.00	21.77 1.11 0.00	22.20 1.05 0.00	21.02 0.95 0.00	21.53 0.90 0.00	23.11 0.97 0.00	28.95 1.27 0.00	34.21 1.68 0.00	29.26 1.37 0.00	21.94 1.10 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.15 1.09 0.00	21.81 1.06 0.00	26.07 1.35 0.00	31.92 1.91 0.00	23.95 1.55 0.00	22.95 1.50 0.00	22.38 1.44 0.00	21.51 1.36 0.00	22.22 1.26 0.00	19.76 1.20 0.00
ASTORIA_GT_8 24108	22.50 1.25 0.00	21.77 1.11 0.00	22.20 1.05 0.00	21.02 0.95 0.00	21.53 0.90 0.00	23.11 0.97 0.00	28.95 1.27 0.00	34.21 1.68 0.00	29.26 1.37 0.00	21.94 1.10 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.15 1.09 0.00	21.81 1.06 0.00	26.07 1.35 0.00	31.92 1.91 0.00	23.95 1.55 0.00	22.95 1.50 0.00	22.38 1.44 0.00	21.51 1.36 0.00	22.22 1.26 0.00	19.76 1.20 0.00
ASTORIA___2 24149	22.46 1.21 0.00	21.73 1.07 0.00	22.17 1.02 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.08 0.94 0.00	28.90 1.22 0.00	34.16 1.62 0.00	29.20 1.31 0.00	21.90 1.06 0.00	20.51 1.00 0.00	20.26 0.91 0.00	19.42 0.94 0.00	19.97 0.97 0.00	21.11 1.05 0.00	21.77 1.02 0.00	26.02 1.30 0.00	31.87 1.85 0.00	23.91 1.51 0.00	22.91 1.46 0.00	22.34 1.40 0.00	21.47 1.31 0.00	22.19 1.23 0.00	19.72 1.16 0.00
ASTORIA___3 23516	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.95 1.28 0.00	34.17 1.64 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.40 0.91 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.46 1.31 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA___4 23517	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.47 1.32 0.00	22.19 1.23 0.00	19.71 1.15 0.00
ASTORIA___5 23518	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.95 1.28 0.00	34.17 1.64 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.40 0.91 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.46 1.31 0.00	22.19 1.23 0.00	19.71 1.15 0.00
AST_ENERGY_2_CC3 323677	22.30 1.05 0.00	21.61 0.95 0.00	22.04 0.89 0.00	20.91 0.84 0.00	21.41 0.78 0.00	23.00 0.86 0.00	28.81 1.13 0.00	33.98 1.45 0.00	29.03 1.14 0.00	21.74 0.89 0.00	20.39 0.87 0.00	20.15 0.80 0.00	19.32 0.83 0.00	19.87 0.88 0.00	20.96 0.91 0.00	21.66 0.91 0.00	25.88 1.17 0.00	31.71 1.69 0.00	23.77 1.37 0.00	22.76 1.31 0.00	22.21 1.27 0.00	21.34 1.18 0.00	22.05 1.09 0.00	19.61 1.05 0.00
AST_ENERGY_2_CC4 323678	22.30 1.05 0.00	21.61 0.95 0.00	22.04 0.89 0.00	20.91 0.84 0.00	21.41 0.78 0.00	23.00 0.86 0.00	28.81 1.13 0.00	33.98 1.45 0.00	29.03 1.14 0.00	21.74 0.89 0.00	20.39 0.87 0.00	20.15 0.80 0.00	19.32 0.83 0.00	19.87 0.88 0.00	20.96 0.91 0.00	21.66 0.91 0.00	25.88 1.17 0.00	31.71 1.69 0.00	23.77 1.37 0.00	22.76 1.31 0.00	22.21 1.27 0.00	21.34 1.18 0.00	22.05 1.09 0.00	19.61 1.05 0.00

ATHENS_STG_1 23668	21.72 0.47 0.00	21.08 0.42 0.00	21.54 0.39 0.00	20.42 0.36 0.00	20.98 0.34 0.00	22.53 0.38 0.00	28.20 0.52 0.00	33.20 0.67 0.00	28.41 0.52 0.00	21.20 0.36 0.00	19.84 0.32 0.00	19.61 0.26 0.00	18.77 0.28 0.00	19.30 0.31 0.00	20.40 0.35 0.00	21.14 0.39 0.00	25.28 0.56 0.00	30.94 0.92 0.00	23.13 0.72 0.00	22.13 0.68 0.00	21.60 0.66 0.00	20.76 0.61 0.00	21.52 0.56 0.00	19.09 0.53 0.00
ATHENS_STG_2 23670	21.72 0.47 0.00	21.08 0.42 0.00	21.54 0.39 0.00	20.42 0.36 0.00	20.98 0.34 0.00	22.53 0.38 0.00	28.20 0.52 0.00	33.20 0.67 0.00	28.41 0.52 0.00	21.20 0.36 0.00	19.84 0.32 0.00	19.61 0.26 0.00	18.77 0.28 0.00	19.30 0.31 0.00	20.40 0.35 0.00	21.14 0.39 0.00	25.28 0.56 0.00	30.94 0.92 0.00	23.13 0.72 0.00	22.13 0.68 0.00	21.60 0.66 0.00	20.76 0.61 0.00	21.52 0.56 0.00	19.09 0.53 0.00
ATHENS_STG_3 23677	21.72 0.47 0.00	21.08 0.42 0.00	21.54 0.39 0.00	20.42 0.36 0.00	20.98 0.34 0.00	22.53 0.38 0.00	28.20 0.52 0.00	33.20 0.67 0.00	28.41 0.52 0.00	21.20 0.36 0.00	19.84 0.32 0.00	19.61 0.26 0.00	18.77 0.28 0.00	19.30 0.31 0.00	20.40 0.35 0.00	21.14 0.39 0.00	25.28 0.56 0.00	30.94 0.92 0.00	23.13 0.72 0.00	22.13 0.68 0.00	21.60 0.66 0.00	20.76 0.61 0.00	21.52 0.56 0.00	19.09 0.53 0.00
AUBURN___LFGE 323710	21.32 0.07 0.00	20.83 0.17 0.00	21.41 0.26 0.00	20.31 0.25 0.00	20.86 0.23 0.00	22.50 0.36 0.00	28.16 0.48 0.00	33.08 0.55 0.00	28.31 0.42 0.00	21.21 0.36 0.00	19.92 0.40 0.00	19.78 0.43 0.00	18.75 0.26 0.00	19.25 0.26 0.00	20.34 0.29 0.00	21.21 0.46 0.00	25.09 0.38 0.00	30.48 0.46 0.00	22.74 0.34 0.00	21.68 0.23 0.00	21.12 0.18 0.00	20.28 0.12 0.00	21.14 0.18 0.00	18.71 0.15 0.00
BABYLON_RES_REC 323704	22.82 1.57 0.00	22.13 1.48 0.00	22.55 1.40 0.00	21.36 1.29 0.00	21.89 1.25 0.00	23.61 1.46 0.00	31.24 1.95 -1.61	35.03 2.38 -0.12	29.76 1.86 0.00	22.13 1.28 0.00	20.81 1.30 0.00	20.45 1.10 0.00	19.55 1.07 0.00	20.14 1.15 0.00	21.36 1.30 0.00	21.99 1.24 0.00	26.47 1.75 0.00	32.87 2.53 -0.32	24.65 2.02 -0.22	24.04 1.89 -0.70	28.06 1.85 -5.27	22.55 1.70 -0.70	40.43 1.68 -17.79	42.35 1.56 -22.24
BABYLON__69_KV_BK2 356345	23.04 1.79 0.00	22.36 1.70 0.00	22.77 1.62 0.00	21.56 1.50 0.00	22.10 1.46 0.00	23.84 1.70 0.00	31.55 2.25 -1.61	35.40 2.75 -0.12	30.05 2.16 0.00	22.33 1.49 0.00	21.00 1.48 0.00	20.63 1.28 0.00	19.73 1.24 0.00	20.31 1.32 0.00	21.56 1.50 0.00	22.20 1.45 0.00	26.75 2.03 0.00	33.23 2.89 -0.32	24.92 2.29 -0.22	24.30 2.15 -0.70	28.32 2.10 -5.27	22.78 1.92 -0.70	40.67 1.92 -17.79	42.57 1.77 -22.24
BALL_HILL_WT_PWR 323825	20.36 -0.89 0.00	20.00 -0.66 0.00	20.68 -0.47 0.00	19.72 -0.34 0.00	20.30 -0.34 0.00	20.38 -0.39 1.38	27.15 -0.53 0.00	28.44 -1.20 2.89	21.99 -0.66 5.24	19.12 -0.30 1.42	18.64 -0.19 0.68	19.36 0.01 0.00	18.40 -0.09 0.00	18.83 -0.17 0.00	19.75 -0.30 0.00	20.53 -0.21 0.00	24.08 -0.64 0.00	28.98 -1.04 0.00	21.31 -1.09 0.00	20.42 -1.03 0.00	19.86 -1.08 0.00	18.90 -1.26 0.00	19.71 -1.25 0.00	17.57 -0.99 0.00
BARON_WINDS___WT_PWR 323822	20.23 -1.01 0.00	19.66 -1.00 0.00	20.52 -0.64 0.00	19.74 -0.33 0.00	20.56 -0.08 0.00	23.41 0.07 -1.20	27.99 0.31 0.00	35.30 0.26 -2.51	32.67 0.22 -4.56	22.36 0.28 -1.23	20.35 0.23 -0.59	19.44 0.09 0.00	18.52 0.03 0.00	18.94 -0.05 0.00	19.92 -0.14 0.00	20.58 -0.17 0.00	24.16 -0.55 0.00	29.10 -0.93 0.00	21.44 -0.97 0.00	20.39 -1.06 0.00	19.74 -1.20 0.00	18.82 -1.34 0.00	19.51 -1.45 0.00	17.32 -1.23 0.00
BARRETT_IC_1 23704	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_10 23701	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_11 23702	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_12 23703	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_2 23705	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_3 23706	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_4 23707	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24

BARRETT_IC_5 23708	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_6 23709	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_7 23710	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.84 1.55 -1.61	34.58 1.93 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.82 1.07 0.00	26.20 1.49 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.46 -0.70	40.19 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_8 23711	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT_IC_9 23700	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT___1 23545	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BARRETT___2 23546	22.54 1.30 0.00	21.86 1.20 0.00	22.28 1.13 0.00	21.11 1.04 0.00	21.63 0.99 0.00	23.31 1.16 0.00	30.83 1.54 -1.61	34.58 1.92 -0.12	29.41 1.52 0.00	21.92 1.07 0.00	20.59 1.07 0.00	20.28 0.93 0.00	19.41 0.92 0.00	19.99 0.99 0.00	21.15 1.10 0.00	21.81 1.06 0.00	26.20 1.48 0.00	32.45 2.10 -0.32	24.32 1.69 -0.22	23.76 1.61 -0.70	27.79 1.58 -5.27	22.31 1.45 -0.70	40.18 1.43 -17.79	42.11 1.31 -22.24
BATAVIA___115KV_TB1 55881	20.68 -0.56 0.00	20.24 -0.42 0.00	20.87 -0.28 0.00	19.87 -0.19 0.00	20.42 -0.22 0.00	21.88 -0.26 0.00	27.28																	

BAYONEEC___CTG7 323688	22.31 1.07 0.00	21.63 0.97 0.00	22.07 0.91 0.00	20.91 0.85 0.00	21.43 0.79 0.00	23.03 0.88 0.00	28.84 1.16 0.00	34.01 1.48 0.00	29.06 1.16 0.00	21.76 0.92 0.00	20.39 0.88 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.87 0.88 0.00	20.97 0.92 0.00	21.68 0.93 0.00	25.91 1.19 0.00	31.74 1.72 0.00	23.80 1.40 0.00	22.78 1.33 0.00	22.23 1.29 0.00	21.36 1.20 0.00	22.08 1.12 0.00	19.62 1.06 0.00
BAYONEEC___CTG8 323689	22.31 1.07 0.00	21.63 0.97 0.00	22.07 0.91 0.00	20.91 0.85 0.00	21.43 0.79 0.00	23.03 0.88 0.00	28.84 1.16 0.00	34.01 1.48 0.00	29.06 1.16 0.00	21.76 0.92 0.00	20.39 0.88 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.87 0.88 0.00	20.97 0.92 0.00	21.68 0.93 0.00	25.91 1.19 0.00	31.74 1.72 0.00	23.80 1.40 0.00	22.78 1.33 0.00	22.23 1.29 0.00	21.36 1.20 0.00	22.08 1.12 0.00	19.62 1.06 0.00
BAYONEEC___CTG9 323749	22.31 1.07 0.00	21.63 0.97 0.00	22.07 0.91 0.00	20.91 0.85 0.00	21.43 0.79 0.00	23.03 0.88 0.00	28.84 1.16 0.00	34.01 1.48 0.00	29.06 1.16 0.00	21.76 0.92 0.00	20.39 0.88 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.87 0.88 0.00	20.97 0.92 0.00	21.68 0.93 0.00	25.91 1.19 0.00	31.74 1.72 0.00	23.80 1.40 0.00	22.78 1.33 0.00	22.23 1.29 0.00	21.36 1.20 0.00	22.08 1.12 0.00	19.62 1.06 0.00
BEACON___LESR 323632	21.55 0.30 0.00	20.92 0.26 0.00	21.33 0.18 0.00	20.24 0.17 0.00	20.81 0.17 0.00	22.34 0.19 0.00	28.03 0.35 0.00	32.94 0.41 0.00	28.20 0.31 0.00	21.01 0.16 0.00	19.61 0.09 0.00	19.36 0.01 0.00	18.57 0.09 0.00	19.03 0.04 0.00	20.18 0.12 0.00	20.99 0.24 0.00	25.14 0.43 0.00	30.79 0.77 0.00	23.00 0.60 0.00	22.02 0.57 0.00	21.50 0.56 0.00	20.63 0.48 0.00	21.37 0.41 0.00	18.97 0.42 0.00
BEAVER RIVER___HYD 24048	20.67 -0.58 0.00	20.21 -0.45 0.00	20.97 -0.19 0.00	19.94 -0.13 0.00	20.56 -0.08 0.00	21.99 -0.15 0.00	27.55 -0.12 0.00	32.53 0.00 0.00	28.05 0.16 0.00	20.79 -0.05 0.00	19.35 -0.16 0.00	19.05 -0.30 0.00	18.22 -0.27 0.00	18.75 -0.24 0.00	19.79 -0.27 0.00	20.71 -0.04 0.00	24.81 0.10 0.00	29.88 -0.15 0.00	21.88 -0.53 0.00	20.78 -0.67 0.00	20.20 -0.74 0.00	19.35 -0.81 0.00	20.19 -0.77 0.00	17.79 -0.77 0.00
BEEBEE_GT_13 23619	20.59 -0.65 0.00	20.12 -0.54 0.00	20.68 -0.47 0.00	19.66 -0.40 0.00	20.22 -0.42 0.00	21.66 -0.48 0.00	27.04 -0.64 0.00	31.40 -1.13 0.00	27.21 -0.69 0.00	20.46 -0.39 0.00	19.21 -0.31 0.00	19.19 -0.16 0.00	18.23 -0.25 0.00	18.73 -0.26 0.00	19.74 -0.32 0.00	20.54 -0.21 0.00	24.25 -0.47 0.00	29.39 -0.63 0.00	21.75 -0.66 0.00	20.84 -0.60 0.00	20.32 -0.62 0.00	19.37 -0.78 0.00	20.23 -0.73 0.00	17.96 -0.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.53 1.29 0.00	21.82 1.16 0.00	22.26 1.11 0.00	21.08 1.02 0.00	21.60 0.97 0.00	23.22 1.07 0.00	29.09 1.41 0.00	34.33 1.80 0.00	29.34 1.44 0.00	21.99 1.14 0.00	20.57 1.05 0.00	20.32 0.97 0.00	19.49 1.00 0.00	20.03 1.04 0.00	21.16 1.10 0.00	21.86 1.11 0.00	26.16 1.44 0.00	32.07 2.05 0.00	24.04 1.64 0.00	23.04 1.59 0.00	22.51 1.57 0.00	21.61 1.46 0.00	22.33 1.38 0.00	19.83 1.27 0.00
BETHLEHEM___GRP 23843	21.18 -0.06 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.18 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.26 -0.22 0.00	18.74 -0.26 0.00	19.82 -0.23 0.00	20.59 -0.16 0.00	24.67 -0.05 0.00	30.17 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.06 0.12 0.00	20.23 0.07 0.00	20.97 0.01 0.00	18.68 0.12 0.00
BETHLEHEM___GS1 323560	21.18 -0.07 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.19 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.27 -0.22 0.00	18.74 -0.25 0.00	19.82 -0.23 0.00	20.60 -0.15 0.00	24.67 -0.05 0.00	30.18 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.07 0.12 0.00	20.23 0.08 0.00	20.97 0.01 0.00	18.68 0.12 0.00
BETHLEHEM___GS2 323561	21.18 -0.07 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.19 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.27 -0.22 0.00	18.74 -0.25 0.00	19.82 -0.23 0.00	20.60 -0.15 0.00	24.67 -0.05 0.00	30.18 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.07 0.12 0.00	20.23 0.08 0.00	20.97 0.01 0.00	18.68 0.12 0.00
BETHLEHEM___GS3 323562	21.18 -0.07 0.00	20.56 -0.10 0.00	21.00 -0.15 0.00	19.90 -0.17 0.00	20.45 -0.18 0.00	21.93 -0.21 0.00	27.45 -0.23 0.00	32.31 -0.22 0.00	27.68 -0.21 0.00	20.66 -0.19 0.00	19.28 -0.24 0.00	19.05 -0.30 0.00	18.27 -0.22 0.00	18.74 -0.25 0.00	19.82 -0.23 0.00	20.60 -0.15 0.00	24.67 -0.05 0.00	30.18 0.16 0.00	22.56 0.15 0.00	21.56 0.11 0.00	21.07 0.12 0.00	20.23 0.08 0.00	20.97 0.01 0.00	18.68 0.12 0.00
BETHLEHEM___STEEL 23779	20.40 -0.84 0.00	20.02 -0.64 0.00	20.67 -0.48 0.00	19.70 -0.36 0.00	20.26 -0.38 0.00	21.71 -0.43 0.00	27.05 -0.63 0.00	31.15 -1.38 0.00	27.13 -0.76 0.00	20.49 -0.36 0.00	19.30 -0.21 0.00	19.36 0.02 0.00	18.38 -0.11 0.00	18.85 -0.15 0.00	19.78 -0.27 0.00	20.59 -0.16 0.00	24.15 -0.57 0.00	29.12 -0.91 0.00	21.43 -0.98 0.00	20.54 -0.90 0.00	19.99 -0.95 0.00	18.99 -1.16 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
BETHLHEM_115KV_TB1 79974	21.25 0.01 0.00	20.63 -0.03 0.00	21.08 -0.07 0.00	19.98 -0.09 0.00	20.53 -0.11 0.00	22.02 -0.13 0.00	27.56 -0.13 0.00	32.43 -0.10 0.00	27.79 -0.10 0.00	20.74 -0.11 0.00	19.35 -0.16 0.00	19.13 -0.22 0.00	18.33 -0.15 0.00	18.82 -0.18 0.00	19.91 -0.15 0.00	20.67 -0.08 0.00	24.75 0.04 0.00	30.28 0.26 0.00	22.64 0.23 0.00	21.64 0.19 0.00	21.13 0.19 0.00	20.29 0.14 0.00	21.05 0.09 0.00	18.73 0.17 0.00
BETHPAGE_CC_5 323564	22.76 1.52 0.00	22.09 1.43 0.00	22.50 1.35 0.00	21.31 1.25 0.00	21.84 1.21 0.00	23.55 1.40 0.00	31.16 1.87 -1.61	34.94 2.29 -0.12	29.70 1.81 0.00	22.11 1.26 0.00	20.78 1.26 0.00	20.45 1.10 0.00	19.55 1.07 0.00	20.14 1.14 0.00	21.33 1.27 0.00	21.96 1.21 0.00	26.43 1.71 0.00	32.80 2.46 -0.32	24.58 1.95 -0.22	23.99 1.84 -0.70	28.02 1.81 -5.27	22.52 1.66 -0.70	40.39 1.64 -17.79	42.31 1.51 -22.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.52 -0.73 0.00	20.12 -0.53 0.00	20.77 -0.38 0.00	19.80 -0.26 0.00	20.37 -0.27 0.00	21.83 -0.31 0.00	27.20 -0.48 0.00	31.35 -1.18 0.00	27.31 -0.58 0.00	20.62 -0.22 0.00	19.43 -0.08 0.00	19.48 0.14 0.00	18.49 0.00 0.00	18.96 -0.03 0.00	19.91 -0.14 0.00	20.73 -0.02 0.00	24.31 -0.40 0.00	29.32 -0.70 0.00	21.57 -0.83 0.00	20.68 -0.77 0.00	20.12 -0.82 0.00	19.11 -1.04 0.00	19.95 -1.01 0.00	17.77 -0.78 0.00

BINGHAMTON___COGEN 23790	21.09 -0.16 0.00	20.52 -0.14 0.00	21.06 -0.09 0.00	20.02 -0.04 0.00	20.63 -0.01 0.00	22.16 0.01 0.00	27.74 0.06 0.00	32.55 0.02 0.00	27.92 0.02 0.00	20.95 0.10 0.00	19.65 0.13 0.00	19.50 0.15 0.00	18.61 0.12 0.00	19.05 0.06 0.00	20.09 0.04 0.00	20.82 0.07 0.00	24.74 0.03 0.00	30.08 0.06 0.00	22.39 -0.02 0.00	21.42 -0.03 0.00	20.88 -0.06 0.00	20.03 -0.12 0.00	20.79 -0.17 0.00	18.42 -0.14 0.00
BIXINCNT_115KV_LOAD 355685	20.70 -0.54 0.00	20.39 -0.27 0.00	21.09 -0.06 0.00	20.21 0.15 0.00	20.78 0.14 0.00	22.26 0.12 0.00	27.70 0.02 0.00	32.10 -0.43 0.00	27.87 -0.02 0.00	21.06 0.22 0.00	19.90 0.38 0.00	19.93 0.59 0.00	18.93 0.44 0.00	19.38 0.39 0.00	20.32 0.26 0.00	21.11 0.36 0.00	24.72 0.01 0.00	29.68 -0.34 0.00	21.74 -0.67 0.00	20.79 -0.65 0.00	20.10 -0.84 0.00	18.98 -1.17 0.00	19.83 -1.14 0.00	17.68 -0.88 0.00
BLACK RIVER___HYD 24047	20.53 -0.71 0.00	20.10 -0.56 0.00	20.86 -0.29 0.00	19.86 -0.20 0.00	20.48 -0.16 0.00	21.95 -0.19 0.00	27.51 -0.17 0.00	32.52 -0.01 0.00	28.07 0.18 0.00	20.73 -0.11 0.00	19.29 -0.23 0.00	18.94 -0.41 0.00	18.11 -0.38 0.00	18.63 -0.37 0.00	19.63 -0.42 0.00	20.70 -0.05 0.00	24.90 0.18 0.00	30.08 0.06 0.00	22.00 -0.40 0.00	20.84 -0.61 0.00	20.21 -0.74 0.00	19.31 -0.84 0.00	20.17 -0.79 0.00	17.70 -0.86 0.00
BLACKRVR_115KV_TB2 79977	20.53 -0.71 0.00	20.10 -0.56 0.00	20.86 -0.29 0.00	19.86 -0.20 0.00	20.48 -0.16 0.00	21.95 -0.19 0.00	27.51 -0.17 0.00	32.52 -0.01 0.00	28.07 0.18 0.00	20.73 -0.11 0.00	19.29 -0.23 0.00	18.94 -0.41 0.00	18.11 -0.38 0.00	18.63 -0.36 0.00	19.63 -0.42 0.00	20.70 -0.05 0.00	24.90 0.18 0.00	30.08 0.06 0.00	22.00 -0.41 0.00	20.83 -0.61 0.00	20.21 -0.74 0.00	19.31 -0.84 0.00	20.17 -0.79 0.00	17.70 -0.86 0.00
BLISS_WT_PWR 323608	20.63 -0.61 0.00	20.35 -0.30 0.00	21.07 -0.08 0.00	20.22 0.15 0.00	20.80 0.16 0.00	20.79 0.13 1.49	27.71 0.03 0.00	29.01 -0.39 3.13	22.24 0.02 5.67	19.55 0.24 1.54	19.18 0.41 0.74	19.96 0.61 0.00	18.96 0.47 0.00	19.39 0.40 0.00	20.33 0.27 0.00	21.12 0.37 0.00	24.75 0.04 0.00	29.65 -0.37 0.00	21.68 -0.72 0.00	20.71 -0.73 0.00	19.98 -0.96 0.00	18.82 -1.33 0.00	19.66 -1.30 0.00	17.55 -1.01 0.00
BLUESTONE___WT_PWR 323821	21.41 0.17 0.00	20.58 -0.08 0.00	21.19 0.04 0.00	20.23 0.17 0.00	20.97 0.33 0.00	23.13 0.75 -0.24	28.92 1.24 0.00	34.54 1.50 -0.51	30.03 1.22 -0.92	22.29 1.20 -0.25	20.87 1.24 -0.12	20.60 1.26 0.00	19.51 1.02 0.00	19.93 0.94 0.00	21.04 0.99 0.00	21.85 1.11 0.00	25.66 0.94 0.00	30.99 0.97 0.00	22.49 0.08 0.00	21.45 0.00 0.00	20.77 -0.17 0.00	19.92 -0.23 0.00	20.53 -0.43 0.00	18.13 -0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	21.53 0.29 0.00	20.91 0.25 0.00	21.37 0.21 0.00	20.26 0.19 0.00	20.82 0.18 0.00	22.34 0.20 0.00	27.96 0.27 0.00	32.89 0.36 0.00	28.18 0.29 0.00	21.00 0.15 0.00	19.61 0.09 0.00	19.39 0.04 0.00	18.56 0.07 0.00	19.04 0.05 0.00	20.15 0.09 0.00	20.93 0.18 0.00	25.05 0.33 0.00	30.61 0.59 0.00	22.85 0.44 0.00	21.85 0.40 0.00	21.33 0.39 0.00	20.50 0.34 0.00	21.27 0.31 0.00	18.89 0.34 0.00
BOC_GAS_DRP 24189	21.44 0.20 0.00	20.82 0.17 0.00	21.28 0.13 0.00	20.18 0.12 0.00	20.74 0.10 0.00	22.25 0.11 0.00	27.84 0.16 0.00	32.76 0.23 0.00	28.06 0.17 0.00	20.94 0.10 0.00	19.58 0.06 0.00	19.36 0.01 0.00	18.53 0.04 0.00	19.04 0.05 0.00	20.13 0.07 0.00	20.88 0.13 0.00	24.96 0.24 0.00	30.52 0.50 0.00	22.80 0.40 0.00	21.81 0.36 0.00	21.30 0.36 0.00	20.47 0.31 0.00	21.24 0.27 0.00	18.86 0.30 0.00
BOONVILLE_115KV_TB1 79983	21.30 0.06 0.00	20.76 0.10 0.00	21.39 0.23 0.00	20.32 0.25 0.00	20.92 0.28 0.00	22.44 0.30 0.00	28.15 0.47 0.00	33.15 0.62 0.00	28.52 0.63 0.00	21.21 0.37 0.00	19.77 0.25 0.00	19.51 0.17 0.00	18.65 0.16 0.00	19.19 0.20 0.00	20.27 0.22 0.00	21.13 0.38 0.00	25.27 0.56 0.00	30.62 0.60 0.00	22.63 0.22 0.00	21.57 0.12 0.00	21.01 0.06 0.00	20.13 -0.02 0.00	20.93 -0.03 0.00	18.48 -0.08 0.00
BORALEX_4TH_BRANCH 23824	21.67 0.42 0.00	21.06 0.40 0.00	21.51 0.35 0.00	20.37 0.31 0.00	20.97 0.34 0.00	22.48 0.33 0.00	28.20 0.52 0.00	33.17 0.64 0.00	28.46 0.57 0.00	21.06 0.22 0.00	19.62 0.10 0.00	19.38 0.03 0.00	18.52 0.04 0.00	19.11 0.12 0.00	20.26 0.20 0.00	21.13 0.38 0.00	25.27 0.56 0.00	31.14 1.12 0.00	23.26 0.85 0.00	22.28 0.83 0.00	21.72 0.78 0.00	20.89 0.74 0.00	21.64 0.68 0.00	19.20 0.64 0.00
BOWLINE___1 23526	22.11 0.86 0.00	21.43 0.78 0.00	21.89 0.73 0.00	20.75 0.68 0.00	21.29 0.65 0.00	22.88 0.74 0.00	28.65 0.97 0.00	33.78 1.25 0.00	28.85 0.96 0.00	21.55 0.70 0.00	20.17 0.65 0.00	19.92 0.57 0.00	19.09 0.61 0.00	19.64 0.64 0.00	20.74 0.68 0.00	21.45 0.70 0.00	25.65 0.94 0.00	31.46 1.44 0.00	23.56 1.16 0.00	22.55 1.11 0.00	22.03 1.08 0.00	21.15 1.00 0.00	21.90 0.94 0.00	19.44 0.88 0.00
BOWLINE___2 23595	22.11 0.86 0.00	21.44 0.78 0.00	21.89 0.74 0.00	20.75 0.68 0.00	21.29 0.65 0.00	22.88 0.74 0.00	28.65 0.97 0.00	33.78 1.25 0.00	28.85 0.96 0.00	21.55 0.70 0.00	20.17 0.65 0.00	19.92 0.57 0.00	19.09 0.61 0.00	19.64 0.64 0.00	20.74 0.68 0.00	21.45 0.70 0.00	25.66 0.94 0.00	31.46 1.44 0.00	23.56 1.16 0.00	22.55 1.11 0.00	22.03 1.08 0.00	21.15 1.00 0.00	21.90 0.94 0.00	19.44 0.88 0.00
BRADY___115KV_TB2 356060	21.81 0.57 0.00	21.23 0.57 0.00	21.79 0.64 0.00	20.63 0.56 0.00	21.23 0.59 0.00	22.71 0.56 0.00	28.31 0.63 0.00	33.28 0.76 0.00	28.56 0.66 0.00	21.25 0.40 0.00	19.87 0.36 0.00	19.76 0.41 0.00	18.89 0.40 0.00	19.42 0.42 0.00	20.55 0.49 0.00	21.12 0.37 0.00	25.20 0.48 0.00	30.19 0.17 0.00	22.51 0.10 0.00	21.62 0.17 0.00	21.14 0.20 0.00	20.45 0.30 0.00	21.34 0.38 0.00	18.84 0.29 0.00
BRANSCOMB___SOLAR 323811	21.91 0.66 0.00	21.27 0.61 0.00	21.68 0.53 0.00	20.54 0.48 0.00	21.15 0.51 0.00	22.72 0.58 0.00	28.50 0.82 0.00	33.56 1.03 0.00	28.68 0.79 0.00	21.27 0.42 0.00	19.76 0.24 0.00	19.51 0.16 0.00	18.64 0.15 0.00	19.25 0.25 0.00	20.45 0.39 0.00	21.35 0.60 0.00	25.60 0.89 0.00	31.38 1.36 0.00	23.39 0.98 0.00	22.34 0.89 0.00	21.83 0.89 0.00	20.99 0.83 0.00	21.72 0.76 0.00	19.25 0.69 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.94 1.70 0.00	22.26 1.60 0.00	22.68 1.53 0.00	21.48 1.42 0.00	22.01 1.37 0.00	23.76 1.61 0.00	31.43 2.14 -1.61	35.24 2.59 -0.12	29.91 2.02 0.00	22.22 1.37 0.00	20.91 1.40 0.00	20.54 1.19 0.00	19.63 1.15 0.00	20.22 1.23 0.00	21.48 1.42 0.00	22.08 1.33 0.00	26.58 1.86 0.00	32.93 2.59 -0.32	24.76 2.13 -0.22	24.13 1.98 -0.70	28.16 1.95 -5.27	22.64 1.79 -0.70	40.54 1.79 -17.79	42.47 1.67 -22.24

BRISTLHL_115KV_TB1 79998	20.70 -0.54 0.00	20.15 -0.51 0.00	20.64 -0.52 0.00	19.60 -0.46 0.00	20.17 -0.46 0.00	21.62 -0.52 0.00	27.01 -0.67 0.00	31.72 -0.81 0.00	27.23 -0.66 0.00	20.38 -0.47 0.00	19.09 -0.42 0.00	18.93 -0.42 0.00	18.06 -0.43 0.00	18.52 -0.48 0.00	19.53 -0.52 0.00	20.26 -0.49 0.00	24.15 -0.57 0.00	29.39 -0.63 0.00	21.88 -0.53 0.00	20.93 -0.52 0.00	20.41 -0.53 0.00	19.60 -0.55 0.00	20.43 -0.53 0.00	18.10 -0.46 0.00
BROOKHAVEN___DRP 24191	22.85 1.60 0.00	22.21 1.55 0.00	22.62 1.47 0.00	21.46 1.40 0.00	22.00 1.36 0.00	23.76 1.61 0.00	31.44 2.15 -1.61	35.23 2.58 -0.12	29.79 1.90 0.00	21.97 1.12 0.00	20.71 1.20 0.00	20.32 0.97 0.00	19.42 0.93 0.00	20.01 1.02 0.00	21.27 1.21 0.00	21.79 1.04 0.00	26.31 1.60 0.00	32.85 2.51 -0.32	24.60 1.97 -0.22	23.95 1.81 -0.70	28.01 1.80 -5.27	22.49 1.64 -0.70	40.43 1.68 -17.79	42.46 1.66 -22.24
BROOKLYN_NAVY_YARD 23515	22.37 1.12 0.00	21.66 1.01 0.00	22.11 0.96 0.00	20.95 0.88 0.00	21.47 0.83 0.00	23.07 0.92 0.00	28.87 1.19 0.00	34.06 1.53 0.00	29.11 1.21 0.00	21.80 0.95 0.00	20.41 0.90 0.00	20.17 0.83 0.00	19.35 0.86 0.00	19.89 0.90 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.92 1.21 0.00	31.76 1.73 0.00	23.81 1.40 0.00	22.79 1.34 0.00	22.24 1.30 0.00	21.37 1.22 0.00	22.07 1.11 0.00	19.62 1.06 0.00
BROOKLYN___ARMY_DRP 323595	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
BROOKVLE_69_KV_TB1 55790	22.75 1.50 0.00	22.06 1.41 0.00	22.48 1.33 0.00	21.29 1.23 0.00	21.83 1.19 0.00	23.51 1.37 0.00	31.12 1.83 -1.61	34.91 2.25 -0.12	29.70 1.81 0.00	22.14 1.29 0.00	20.77 1.26 0.00	20.47 1.12 0.00	19.60 1.11 0.00	20.18 1.18 0.00	21.35 1.30 0.00	22.04 1.29 0.00	26.47 1.76 0.00	32.73 2.39 -0.32	24.53 1.90 -0.22	23.94 1.80 -0.70	28.02 1.81 -5.27	22.52 1.67 -0.70	40.38 1.63 -17.79	42.29 1.49 -22.24
BROOME_2_LFGE 323671	21.09 -0.16 0.00	20.52 -0.14 0.00	21.06 -0.09 0.00	20.02 -0.04 0.00	20.63 -0.01 0.00	22.44 0.01 -0.28	27.74 0.06 0.00	33.13 0.02 -0.59	28.97 0.02 -1.06	21.23 0.10 -0.29	19.79 0.13 -0.14	19.50 0.15 0.00	18.61 0.12 0.00	19.05 0.06 0.00	20.09 0.04 0.00	20.82 0.07 0.00	24.74 0.03 0.00	30.08 0.06 0.00	22.39 -0.02 0.00	21.42 -0.03 0.00	20.88 -0.06 0.00	20.03 -0.12 0.00	20.79 -0.17 0.00	18.41 -0.14 0.00
BROOME___LFGE 323600	21.09 -0.16 0.00	20.52 -0.14 0.00	21.06 -0.09 0.00	20.02 -0.04 0.00	20.63 -0.01 0.00	22.44 0.01 -0.28	27.74 0.06 0.00	33.13 0.02 -0.59	28.97 0.02 -1.06	21.23 0.10 -0.29	19.79 0.13 -0.14	19.50 0.15 0.00	18.61 0.12 0.00	19.05 0.06 0.00	20.09 0.04 0.00	20.82 0.07 0.00	24.74 0.03 0.00	30.08 0.06 0.00	22.39 -0.02 0.00	21.42 -0.03 0.00	20.88 -0.06 0.00	20.03 -0.12 0.00	20.79 -0.17 0.00	18.41 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.69 0.00	20.73 -0.71 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.33 -0.63 0.00	17.97 -0.59 0.00
BROWNSV1_27_KV_LOAD 356125	22.53 1.28 0.00	21.83 1.17 0.00	22.27 1.12 0.00	21.11 1.04 0.00	21.62 0.98 0.00	23.24 1.09 0.00	29.11 1.43 0.00	34.34 1.81 0.00	29.35 1.45 0.00	21.99 1.14 0.00	20.61 1.09 0.00	20.36 1.02 0.00	19.52 1.04 0.00	20.07 1.08 0.00	21.19 1.14 0.00	21.90 1.15 0.00	26.19 1.47 0.00	32.10 2.08 0.00	24.05 1.65 0.00	23.02 1.57 0.00	22.47 1.53 0.00	21.59 1.43 0.00	22.30 1.34 0.00	19.81 1.25 0.00
BURROWS___LYONSDAL 23803	21.11 -0.13 0.00	20.60 -0.06 0.00	21.28 0.12 0.00	20.22 0.16 0.00	20.84 0.20 0.00	22.33 0.19 0.00	28.01 0.33 0.00	33.00 0.47 0.00	28.42 0.53 0.00	21.13 0.28 0.00	19.68 0.16 0.00	19.41 0.07 0.00	18.55 0.06 0.00	19.09 0.10 0.00	20.17 0.11 0.00	21.04 0.29 0.00	25.17 0.45 0.00	30.43 0.41 0.00	22.41 0.00 0.00	21.33 -0.11 0.00	20.77 -0.17 0.00	19.89 -0.26 0.00	20.70 -0.26 0.00	18.27 -0.29 0.00
CAITHNESS_CC_1 323624	22.81 1.56 0.00	22.16 1.50 0.00	22.57 1.42 0.00	21.41 1.34 0.00	21.94 1.30 0.00	23.69 1.55 0.00	31.35 2.06 -1.61	35.13 2.48 -0.12	29.73 1.84 0.00	21.96 1.11 0.00	20.70 1.19 0.00	20.32 0.97 0.00	19.42 0.93 0.00	20.01 1.02 0.00	21.26 1.21 0.00	21.79 1.04 0.00	26.29 1.58 0.00	32.79 2.45 -0.32	24.57 1.94 -0.22	23.93 1.78 -0.70	27.98 1.77 -5.27	22.46 1.61 -0.70	40.39 1.63 -17.79	42.40 1.60 -22.24
CALPINE BETH_PAGE_GT4 24209	22.75 1.50 0.00	22.07 1.41 0.00	22.49 1.34 0.00	21.30 1.23 0.00	21.83 1.19 0.00	23.53 1.38 0.00	31.13 1.85 -1.61	34.92 2.27 -0.12	29.67 1.79 0.00	22.10 1.26 0.00	20.77 1.25 0.00	20.44 1.09 0.00	19.56 1.07 0.00	20.13 1.14 0.00	21.30 1.24 0.00	21.93 1.18 0.00	26.40 1.68 0.00	32.78 2.44 -0.32	24.57 1.94 -0.22	23.97 1.83 -0.70	28.01 1.80 -5.27	22.51 1.65 -0.70	40.38 1.63 -17.79	42.30 1.50 -22.24
CALPINE_BETH_PAGE_GT_4 323586	22.75 1.51 0.00	22.07 1.41 0.00	22.49 1.34 0.00	21.30 1.23 0.00	21.83 1.19 0.00	23.53 1.38 0.00	31.13 1.85 -1.61	34.92 2.27 -0.12	29.67 1.78 0.00	22.10 1.26 0.00	20.77 1.25 0.00	20.44 1.09 0.00	19.55 1.07 0.00	20.13 1.14 0.00	21.30 1.24 0.00	21.92 1.18 0.00	26.39 1.68 0.00	32.78 2.44 -0.32	24.57 1.94 -0.22	23.97 1.82 -0.70	28.01 1.80 -5.27	22.50 1.65 -0.70	40.37 1.62 -17.79	42.30 1.50 -22.24
CALPINE_BP_GT1 23823	22.75 1.51 0.00	22.07 1.41 0.00	22.49 1.34 0.00	21.30 1.23 0.00	21.83 1.19 0.00	23.53 1.38 0.00	31.13 1.85 -1.61	34.92 2.27 -0.12	29.67 1.78 0.00	22.10 1.26 0.00	20.77 1.25 0.00	20.44 1.09 0.00	19.55 1.07 0.00	20.13 1.14 0.00	21.30 1.24 0.00	21.92 1.18 0.00	26.39 1.68 0.00	32.78 2.44 -0.32	24.57 1.94 -0.22	23.97 1.82 -0.70	28.01 1.80 -5.27	22.50 1.65 -0.70	40.37 1.62 -17.79	42.30 1.50 -22.24
CALSPAN___DRP 24200	20.40 -0.84 0.00	20.02 -0.64 0.00	20.67 -0.48 0.00	19.70 -0.36 0.00	20.26 -0.38 0.00	21.71 -0.43 0.00	27.05 -0.63 0.00	31.15 -1.38 0.00	27.13 -0.76 0.00	20.49 -0.36 0.00	19.30 -0.21 0.00	19.36 0.02 0.00	18.38 -0.11 0.00	18.85 -0.15 0.00	19.78 -0.27 0.00	20.59 -0.16 0.00	24.15 -0.57 0.00	29.12 -0.91 0.00	21.43 -0.98 0.00	20.54 -0.90 0.00	19.99 -0.95 0.00	18.99 -1.16 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00

CALVERTON___SOLAR 323806	22.91 1.66 0.00	22.28 1.62 0.00	22.69 1.54 0.00	21.54 1.48 0.00	22.07 1.43 0.00	23.84 1.70 0.00	31.54 2.25 -1.61	35.35 2.70 -0.12	29.87 1.98 0.00	21.99 1.14 0.00	20.74 1.22 0.00	20.34 0.99 0.00	19.43 0.94 0.00	20.03 1.03 0.00	21.30 1.24 0.00	21.81 1.06 0.00	26.34 1.63 0.00	32.95 2.61 -0.32	24.66 2.04 -0.22	24.00 1.85 -0.70	28.06 1.85 -5.27	22.54 1.68 -0.70	40.48 1.72 -17.79	42.52 1.72 -22.24
CANDIGU_WT_PWR 323617	20.23 -1.01 0.00	19.66 -1.00 0.00	20.52 -0.64 0.00	19.74 -0.33 0.00	20.56 -0.08 0.00	23.41 0.07 -1.20	27.99 0.31 0.00	35.30 0.26 -2.51	32.67 0.22 -4.56	22.36 0.28 -1.23	20.35 0.23 -0.59	19.44 0.09 0.00	18.52 0.03 0.00	18.94 -0.05 0.00	19.92 -0.14 0.00	20.58 -0.17 0.00	24.16 -0.55 0.00	29.10 -0.93 0.00	21.44 -0.97 0.00	20.39 -1.06 0.00	19.74 -1.20 0.00	18.82 -1.34 0.00	19.51 -1.45 0.00	17.32 -1.23 0.00
CARR STREET_E_SYR 24060	20.91 -0.34 0.00	20.35 -0.31 0.00	20.85 -0.30 0.00	19.80 -0.26 0.00	20.38 -0.26 0.00	21.86 -0.29 0.00	27.32 -0.36 0.00	32.07 -0.46 0.00	27.53 -0.36 0.00	20.61 -0.23 0.00	19.31 -0.20 0.00	19.16 -0.19 0.00	18.27 -0.22 0.00	18.73 -0.26 0.00	19.76 -0.30 0.00	20.51 -0.24 0.00	24.41 -0.30 0.00	29.71 -0.31 0.00	22.12 -0.29 0.00	21.15 -0.29 0.00	20.64 -0.30 0.00	19.81 -0.35 0.00	20.64 -0.32 0.00	18.28 -0.27 0.00
CARTHAGE___PAPER 23857	20.78 -0.46 0.00	20.33 -0.33 0.00	21.09 -0.06 0.00	20.06 -0.01 0.00	20.68 0.05 0.00	22.15 0.00 0.00	27.76 0.08 0.00	32.80 0.27 0.00	28.29 0.40 0.00	20.92 0.07 0.00	19.46 -0.06 0.00	19.12 -0.23 0.00	18.28 -0.20 0.00	18.82 -0.17 0.00	19.85 -0.21 0.00	20.87 0.12 0.00	25.07 0.36 0.00	30.22 0.19 0.00	22.12 -0.29 0.00	20.98 -0.47 0.00	20.38 -0.56 0.00	19.51 -0.65 0.00	20.36 -0.61 0.00	17.89 -0.66 0.00
CASSADAGA_WT_PWR 323784	20.55 -0.69 0.00	20.36 -0.30 0.00	21.18 0.02 0.00	20.24 0.17 0.00	20.86 0.22 0.00	20.89 0.22 1.48	27.98 0.30 0.00	29.24 -0.19 3.09	22.51 0.23 5.61	19.68 0.36 1.52	19.14 0.36 0.73	19.88 0.53 0.00	18.82 0.33 0.00	19.20 0.21 0.00	20.13 0.07 0.00	20.94 0.19 0.00	24.42 -0.29 0.00	29.21 -0.81 0.00	21.30 -1.11 0.00	20.30 -1.15 0.00	19.71 -1.23 0.00	18.78 -1.37 0.00	19.52 -1.44 0.00	17.58 -0.97 0.00
CE_DUNWOOD___DRP 24194	22.22 0.98 0.00	21.55 0.89 0.00	21.99 0.84 0.00	20.84 0.77 0.00	21.37 0.73 0.00	22.97 0.83 0.00	28.76 1.08 0.00	33.92 1.39 0.00	28.98 1.09 0.00	21.66 0.82 0.00	20.29 0.78 0.00	20.05 0.70 0.00	19.21 0.72 0.00	19.76 0.76 0.00	20.87 0.81 0.00	21.58 0.83 0.00	25.82 1.11 0.00	31.65 1.63 0.00	23.71 1.31 0.00	22.70 1.25 0.00	22.16 1.22 0.00	21.28 1.13 0.00	22.02 1.06 0.00	19.55 1.00 0.00
CE_MILLWOOD___DRP 24193	22.18 0.93 0.00	21.50 0.85 0.00	21.95 0.79 0.00	20.80 0.74 0.00	21.34 0.70 0.00	22.93 0.79 0.00	28.73 1.05 0.00	33.87 1.34 0.00	28.94 1.05 0.00	21.62 0.78 0.00	20.25 0.73 0.00	20.00 0.65 0.00	19.17 0.68 0.00	19.71 0.72 0.00	20.82 0.77 0.00	21.53 0.78 0.00	25.76 1.05 0.00	31.58 1.56 0.00	23.66 1.26 0.00	22.65 1.20 0.00	22.11 1.17 0.00	21.24 1.08 0.00	21.98 1.02 0.00	19.52 0.96 0.00
CE_NYC2_DRP 24202	22.42 1.18 0.00	21.71 1.05 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.51 0.87 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.17 1.64 0.00	29.20 1.31 0.00	21.87 1.02 0.00	20.48 0.96 0.00	20.23 0.88 0.00	19.40 0.91 0.00	19.95 0.95 0.00	21.07 1.01 0.00	21.77 1.02 0.00	26.03 1.32 0.00	31.90 1.89 0.00	23.91 1.51 0.00	22.90 1.45 0.00	22.35 1.40 0.00	21.47 1.31 0.00	22.18 1.22 0.00	19.71 1.15 0.00
CE_NYC_DRP 24195	22.34 1.09 0.00	21.65 0.99 0.00	22.10 0.94 0.00	20.94 0.87 0.00	21.45 0.82 0.00	23.06 0.91 0.00	28.87 1.19 0.00	34.05 1.53 0.00	29.09 1.19 0.00	21.79 0.94 0.00	20.42 0.90 0.00	20.18 0.83 0.00	19.35 0.86 0.00	19.90 0.91 0.00	21.01 0.95 0.00	21.71 0.96 0.00	25.95 1.24 0.00	31.80 1.77 0.00	23.83 1.43 0.00	22.80 1.35 0.00	22.26 1.31 0.00	21.39 1.24 0.00	22.10 1.14 0.00	19.64 1.09 0.00
CHAFFEE___LFGE 323603	20.42 -0.82 0.00	20.02 -0.64 0.00	20.66 -0.50 0.00	19.69 -0.38 0.00	20.25 -0.39 0.00	20.34 -0.43 1.37	27.05 -0.62 0.00	28.32 -1.33 2.87	21.97 -0.71 5.21	19.10 -0.33 1.41	18.64 -0.19 0.68	19.37 0.02 0.00	18.38 -0.11 0.00	18.85 -0.15 0.00	19.79 -0.26 0.00	20.61 -0.14 0.00	24.19 -0.53 0.00	29.19 -0.83 0.00	21.50 -0.91 0.00	20.61 -0.84 0.00	20.07 -0.87 0.00	19.06 -1.09 0.00	19.90 -1.06 0.00	17.72 -0.84 0.00
CHATEAUG_35_KV_LOAD 355732	21.40 0.15 0.00	20.76 0.10 0.00	21.34 0.19 0.00	20.18 0.12 0.00	20.85 0.21 0.00	22.52 0.38 0.00	28.39 0.71 0.00	33.55 1.01 0.00	28.74 0.84 0.00	21.42 0.57 0.00	20.05 0.53 0.00	19.90 0.55 0.00	18.98 0.50 0.00	19.59 0.60 0.00	20.65 0.59 0.00	21.15 0.40 0.00	24.83 0.12 0.00	29.84 -0.18 0.00	22.13 -0.28 0.00	21.28 -0.17 0.00	21.07 0.13 0.00	20.30 0.15 0.00	21.07 0.11 0.00	18.30 -0.25 0.00
CHATEAUG_WT_PWR 323614	21.32 0.08 0.00	20.68 0.02 0.00	21.26 0.11 0.00	20.12 0.05 0.00	20.77 0.13 0.00	22.44 0.30 0.00	28.30 0.62 0.00	33.44 0.90 0.00	28.64 0.75 0.00	21.35 0.50 0.00	19.98 0.46 0.00	19.83 0.48 0.00	18.92 0.43 0.00	19.53 0.54 0.00	20.59 0.53 0.00	21.07 0.33 0.00	24.74 0.03 0.00	29.70 -0.32 0.00	22.00 -0.41 0.00	21.16 -0.30 0.00	20.98 0.04 0.00	20.20 0.05 0.00	20.94 -0.02 0.00	18.16 -0.40 0.00
CHAT_HIGH_FALL_HYD 323578	21.40 0.15 0.00	20.76 0.10 0.00	21.34 0.19 0.00	20.18 0.12 0.00	20.85 0.21 0.00	22.52 0.38 0.00	28.39 0.71 0.00	33.54 1.01 0.00	28.74 0.84 0.00	21.42 0.57 0.00	20.04 0.53 0.00	19.90 0.55 0.00	18.98 0.50 0.00	19.59 0.60 0.00	20.65 0.59 0.00	21.15 0.40 0.00	24.83 0.12 0.00	29.84 -0.18 0.00	22.13 -0.28 0.00	21.28 -0.17 0.00	21.07 0.13 0.00	20.30 0.15 0.00	21.07 0.11 0.00	18.30 -0.25 0.00
CHAUTAUQUA___LFGE 323629	20.44 -0.81 0.00	20.12 -0.53 0.00	20.84 -0.31 0.00	19.88 -0.18 0.00	20.47 -0.16 0.00	20.54 -0.19 1.42	27.46 -0.22 0.00	28.73 -0.83 2.97	22.16 -0.35 5.39	19.30 -0.09 1.46	18.79 -0.03 0.70	19.52 0.17 0.00	18.53 0.04 0.00	18.94 -0.05 0.00	19.87 -0.18 0.00	20.66 -0.09 0.00	24.26 -0.46 0.00	29.14 -0.88 0.00	21.38 -1.02 0.00	20.47 -0.98 0.00	19.90 -1.05 0.00	18.94 -1.21 0.00	19.71 -1.25 0.00	17.60 -0.96 0.00
CHERRYST_13_KV_LD 356241	22.39 1.15 0.00	21.70 1.05 0.00	22.15 1.00 0.00	20.99 0.93 0.00	21.51 0.87 0.00	23.11 0.97 0.00	28.93 1.25 0.00	34.15 1.62 0.00	29.17 1.27 0.00	21.84 1.00 0.00	20.47 0.96 0.00	20.23 0.88 0.00	19.40 0.92 0.00	19.96 0.97 0.00	21.07 1.01 0.00	21.77 1.02 0.00	26.02 1.31 0.00	31.88 1.86 0.00	23.89 1.49 0.00	22.87 1.42 0.00	22.31 1.37 0.00	21.44 1.29 0.00	22.16 1.20 0.00	19.69 1.13 0.00

CHESTROR_138KV_BK263 355645	21.99 0.74 0.00	21.33 0.67 0.00	21.79 0.64 0.00	20.66 0.59 0.00	21.20 0.56 0.00	22.78 0.64 0.00	28.53 0.85 0.00	33.61 1.08 0.00	28.73 0.84 0.00	21.45 0.60 0.00	20.07 0.55 0.00	19.82 0.47 0.00	18.99 0.50 0.00	19.52 0.53 0.00	20.62 0.57 0.00	21.36 0.61 0.00	25.56 0.84 0.00	31.31 1.29 0.00	23.44 1.04 0.00	22.44 0.99 0.00	21.91 0.97 0.00	21.05 0.89 0.00	21.80 0.84 0.00	19.34 0.78 0.00
CH_MIDHUDSON___DRP 24192	22.15 0.90 0.00	21.48 0.82 0.00	21.93 0.77 0.00	20.78 0.72 0.00	21.33 0.69 0.00	22.92 0.78 0.00	28.71 1.03 0.00	33.85 1.32 0.00	28.94 1.05 0.00	21.61 0.76 0.00	20.22 0.70 0.00	19.96 0.61 0.00	19.11 0.62 0.00	19.68 0.68 0.00	20.80 0.74 0.00	21.52 0.78 0.00	25.79 1.08 0.00	31.63 1.61 0.00	23.68 1.28 0.00	22.66 1.21 0.00	22.12 1.18 0.00	21.24 1.09 0.00	21.98 1.02 0.00	19.51 0.95 0.00
CH_MISC_IPPS 23765	22.28 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.90 1.22 0.00	34.08 1.55 0.00	29.14 1.24 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.86 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00
CH_RES_BVR_FALLS 23983	21.15 -0.10 0.00	20.61 -0.05 0.00	21.20 0.04 0.00	20.11 0.04 0.00	20.70 0.06 0.00	22.21 0.06 0.00	27.74 0.06 0.00	32.61 0.08 0.00	27.98 0.09 0.00	20.93 0.08 0.00	19.59 0.08 0.00	19.46 0.11 0.00	18.60 0.11 0.00	19.12 0.12 0.00	20.19 0.13 0.00	20.80 0.05 0.00	24.70 -0.02 0.00	29.61 -0.41 0.00	22.04 -0.37 0.00	21.08 -0.37 0.00	20.53 -0.41 0.00	19.79 -0.37 0.00	20.54 -0.42 0.00	18.10 -0.46 0.00
CH_RES_NIAGARA 23895	19.73 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	19.89 -1.19 1.07	26.04 -1.64 0.00	27.68 -2.60 2.25	22.13 -1.69 4.08	18.63 -1.11 1.10	17.96 -1.02 0.53	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.01 0.00	18.91 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.58 0.00	27.88 -2.14 0.00	20.50 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
CH_RES_SYRACUSE 23985	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.78 0.10 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.65 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.09 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.53 -0.02 0.00
CLINTON_WT_PWR 323605	21.32 0.08 0.00	20.68 0.02 0.00	21.26 0.11 0.00	20.12 0.05 0.00	20.77 0.13 0.00	22.44 0.30 0.00	28.30 0.62 0.00	33.44 0.90 0.00	28.64 0.75 0.00	21.35 0.50 0.00	19.98 0.46 0.00	19.83 0.48 0.00	18.92 0.43 0.00	19.53 0.54 0.00	20.59 0.53 0.00	21.07 0.33 0.00	24.74 0.03 0.00	29.70 -0.32 0.00	22.00 -0.41 0.00	21.16 -0.30 0.00	20.98 0.04 0.00	20.20 0.05 0.00	20.94 -0.02 0.00	18.16 -0.40 0.00
CLINTON___LFGE 323618	21.55 0.31 0.00	20.89 0.23 0.00	21.47 0.32 0.00	20.31 0.24 0.00	20.92 0.28 0.00	22.59 0.45 0.00	28.54 0.86 0.00	33.74 1.21 0.00	28.91 1.01 0.00	21.53 0.69 0.00	20.13 0.61 0.00	19.97 0.62 0.00	19.04 0.55 0.00	19.68 0.69 0.00	20.78 0.72 0.00	21.30 0.55 0.00	25.04 0.32 0.00	30.07 0.05 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	21.20 0.26 0.00	20.38 0.23 0.00	21.15 0.19 0.00	18.37 -0.19 0.00
COBBLENY_34_KV_TB1 80064	20.43 -0.82 0.00	20.02 -0.64 0.00	20.66 -0.50 0.00	19.69 -0.38 0.00	20.25 -0.39 0.00	21.71 -0.43 0.00	27.05 -0.63 0.00	31.20 -1.33 0.00	27.17 -0.72 0.00	20.51 -0.34 0.00	19.32 -0.20 0.00	19.37 0.02 0.00	18.38 -0.11 0.00	18.85 -0.14 0.00	19.79 -0.26 0.00	20.60 -0.15 0.00	24.19 -0.53 0.00	29.19 -0.83 0.00	21.49 -0.91 0.00	20.61 -0.84 0.00	20.07 -0.87 0.00	19.07 -1.08 0.00	19.90 -1.06 0.00	17.72 -0.84 0.00
COFFEEN___115KV_TB3 355620	20.64 -0.61 0.00	20.19 -0.47 0.00	20.93 -0.22 0.00	19.92 -0.14 0.00	20.54 -0.09 0.00	22.03 -0.11 0.00	27.62 -0.06 0.00	32.67 0.15 0.00	28.20 0.31 0.00	20.79 -0.05 0.00	19.33 -0.19 0.00	18.95 -0.40 0.00	18.12 -0.36 0.00	18.64 -0.35 0.00	19.63 -0.42 0.00	20.77 0.02 0.00	25.04 0.33 0.00	30.28 0.26 0.00	22.16 -0.24 0.00	20.99 -0.46 0.00	20.37 -0.57 0.00	19.46 -0.69 0.00	20.31 -0.65 0.00	17.81 -0.75 0.00
COLDSPRG_115KV_BK1 355956	21.22 -0.02 0.00	20.88 0.22 0.00	21.57 0.42 0.00	20.58 0.51 0.00	21.21 0.57 0.00	22.72 0.57 0.00	28.34 0.66 0.00	32.81 0.28 0.00	28.52 0.63 0.00	21.56 0.71 0.00	20.29 0.77 0.00	20.31 0.96 0.00	19.28 0.79 0.00	19.71 0.72 0.00	20.69 0.63 0.00	21.46 0.71 0.00	25.11 0.40 0.00	30.24 0.21 0.00	22.23 -0.18 0.00	21.28 -0.17 0.00	20.70 -0.24 0.00	19.72 -0.43 0.00	20.54 -0.42 0.00	18.35 -0.21 0.00
COLONIE_LFGE___ 323577	21.60 0.36 0.00	20.98 0.32 0.00	21.42 0.27 0.00	20.30 0.23 0.00	20.89 0.25 0.00	22.42 0.27 0.00	28.09 0.41 0.00	33.05 0.52 0.00	28.31 0.41 0.00	21.04 0.19 0.00	19.62 0.10 0.00	19.38 0.04 0.00	18.54 0.05 0.00	19.10 0.10 0.00	20.23 0.17 0.00	21.06 0.31 0.00	25.20 0.49 0.00	30.92 0.90 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.72 0.56 0.00	21.47 0.50 0.00	19.04 0.49 0.00
COOPERNY_115KV_TB1 80082	21.78 0.54 0.00	21.15 0.49 0.00	21.61 0.46 0.00	20.50 0.44 0.00	21.06 0.42 0.00	22.62 0.48 0.00	28.31 0.63 0.00	33.34 0.82 0.00	28.51 0.62 0.00	21.31 0.46 0.00	19.94 0.42 0.00	19.71 0.36 0.00	18.87 0.38 0.00	19.39 0.39 0.00	20.48 0.42 0.00	21.21 0.46 0.00	25.33 0.61 0.00	30.97 0.95 0.00	23.16 0.76 0.00	22.18 0.73 0.00	21.66 0.71 0.00	20.81 0.66 0.00	21.57 0.61 0.00	19.13 0.57 0.00
COPENHAGEN_WT_PWR 323753	20.37 -0.88 0.00	19.97 -0.69 0.00	20.77 -0.38 0.00	19.78 -0.29 0.00	20.41 -0.22 0.00	21.86 -0.28 0.00	27.40 -0.28 0.00	32.40 -0.14 0.00	27.98 0.08 0.00	20.69 -0.15 0.00	19.26 -0.26 0.00	18.93 -0.42 0.00	18.10 -0.39 0.00	18.61 -0.38 0.00	19.60 -0.45 0.00	20.66 -0.09 0.00	24.79 0.07 0.00	29.93 -0.09 0.00	21.85 -0.55 0.00	20.66 -0.79 0.00	20.00 -0.94 0.00	19.11 -1.04 0.00	19.99 -0.97 0.00	17.52 -1.04 0.00
CORNELL_____ 23752	21.45 0.20 0.00	20.88 0.22 0.00	21.42 0.27 0.00	20.37 0.30 0.00	20.98 0.35 0.00	22.56 0.42 0.00	28.27 0.59 0.00	33.21 0.68 0.00	28.52 0.63 0.00	21.37 0.52 0.00	20.00 0.48 0.00	19.82 0.47 0.00	18.84 0.35 0.00	19.24 0.24 0.00	20.34 0.28 0.00	21.21 0.46 0.00	25.23 0.51 0.00	30.69 0.66 0.00	22.84 0.43 0.00	21.82 0.38 0.00	21.26 0.32 0.00	20.38 0.22 0.00	21.16 0.20 0.00	18.73 0.17 0.00

CORONA__69_KV_TB1 355595	22.66 1.42 0.00	21.97 1.31 0.00	22.39 1.24 0.00	21.21 1.14 0.00	21.74 1.11 0.00	23.42 1.27 0.00	30.98 1.69 -1.61	34.76 2.10 -0.12	29.56 1.67 0.00	22.04 1.20 0.00	20.69 1.17 0.00	20.39 1.04 0.00	19.52 1.03 0.00	20.10 1.10 0.00	21.27 1.21 0.00	21.95 1.20 0.00	26.35 1.63 0.00	32.60 2.26 -0.32	24.47 1.84 -0.22	23.89 1.74 -0.70	27.92 1.71 -5.27	22.43 1.58 -0.70	40.30 1.55 -17.79	42.21 1.41 -22.24
CORTLAND__115KV_TB3 80093	21.28 0.04 0.00	20.71 0.05 0.00	21.23 0.08 0.00	20.18 0.11 0.00	20.78 0.14 0.00	22.32 0.17 0.00	27.95 0.27 0.00	32.82 0.29 0.00	28.17 0.28 0.00	21.09 0.24 0.00	19.74 0.22 0.00	19.56 0.21 0.00	18.64 0.16 0.00	19.07 0.08 0.00	20.14 0.09 0.00	20.95 0.20 0.00	24.96 0.24 0.00	30.37 0.35 0.00	22.61 0.21 0.00	21.60 0.16 0.00	21.07 0.13 0.00	20.21 0.06 0.00	21.00 0.03 0.00	18.59 0.03 0.00
COXSACKIE__GT 23611	22.32 1.07 0.00	21.64 0.98 0.00	22.11 0.96 0.00	20.95 0.88 0.00	21.55 0.91 0.00	23.13 0.99 0.00	29.01 1.33 0.00	34.17 1.64 0.00	29.33 1.44 0.00	21.64 0.79 0.00	20.03 0.51 0.00	19.88 0.53 0.00	18.89 0.40 0.00	19.33 0.34 0.00	20.58 0.52 0.00	21.63 0.88 0.00	26.27 1.56 0.00	32.18 2.16 0.00	23.99 1.58 0.00	22.90 1.46 0.00	22.32 1.37 0.00	21.39 1.23 0.00	22.13 1.17 0.00	19.61 1.05 0.00
CPV_VALLEY__CC1 323721	21.83 0.58 0.00	21.18 0.52 0.00	21.63 0.48 0.00	20.51 0.44 0.00	21.06 0.42 0.00	22.63 0.48 0.00	28.32 0.64 0.00	33.36 0.83 0.00	28.52 0.62 0.00	21.31 0.46 0.00	19.94 0.42 0.00	19.70 0.36 0.00	18.87 0.38 0.00	19.41 0.41 0.00	20.50 0.44 0.00	21.21 0.46 0.00	25.36 0.64 0.00	31.04 1.02 0.00	23.25 0.84 0.00	22.26 0.81 0.00	21.73 0.79 0.00	20.87 0.72 0.00	21.63 0.67 0.00	19.19 0.64 0.00
CPV_VALLEY__CC2 323722	21.83 0.58 0.00	21.18 0.52 0.00	21.63 0.48 0.00	20.51 0.44 0.00	21.06 0.42 0.00	22.63 0.48 0.00	28.32 0.64 0.00	33.36 0.83 0.00	28.52 0.62 0.00	21.31 0.46 0.00	19.94 0.42 0.00	19.70 0.36 0.00	18.87 0.38 0.00	19.41 0.41 0.00	20.50 0.44 0.00	21.21 0.46 0.00	25.36 0.64 0.00	31.04 1.02 0.00	23.25 0.84 0.00	22.26 0.81 0.00	21.73 0.79 0.00	20.87 0.72 0.00	21.63 0.67 0.00	19.19 0.64 0.00
CRESCENT__HYD 24018	21.60 0.36 0.00	20.98 0.32 0.00	21.42 0.27 0.00	20.30 0.23 0.00	20.89 0.25 0.00	22.42 0.27 0.00	28.09 0.41 0.00	33.05 0.52 0.00	28.31 0.41 0.00	21.04 0.19 0.00	19.62 0.10 0.00	19.38 0.04 0.00	18.54 0.05 0.00	19.10 0.10 0.00	20.23 0.17 0.00	21.06 0.31 0.00	25.20 0.49 0.00	30.92 0.90 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.72 0.56 0.00	21.47 0.50 0.00	19.04 0.49 0.00
CRICKET__VALLEY_CC1 323756	21.87 0.63 0.00	21.20 0.54 0.00	21.62 0.47 0.00	20.49 0.43 0.00	21.03 0.39 0.00	22.61 0.46 0.00	28.29 0.61 0.00	33.36 0.83 0.00	28.53 0.64 0.00	21.30 0.45 0.00	19.93 0.41 0.00	19.67 0.33 0.00	18.83 0.35 0.00	19.41 0.42 0.00	20.52 0.46 0.00	21.22 0.47 0.00	25.45 0.74 0.00	31.27 1.25 0.00	23.41 1.00 0.00	22.38 0.94 0.00	21.86 0.92 0.00	21.01 0.86 0.00	21.75 0.78 0.00	19.31 0.76 0.00
CRICKET__VALLEY_CC2 323757	21.87 0.63 0.00	21.20 0.54 0.00	21.62 0.47 0.00	20.49 0.43 0.00	21.03 0.39 0.00	22.61 0.46 0.00	28.29 0.61 0.00	33.36 0.83 0.00	28.53 0.64 0.00	21.30 0.45 0.00	19.93 0.41 0.00	19.67 0.33 0.00	18.83 0.35 0.00	19.41 0.42 0.00	20.52 0.46 0.00	21.22 0.47 0.00	25.45 0.74 0.00	31.27 1.25 0.00	23.41 1.00 0.00	22.38 0.94 0.00	21.86 0.92 0.00	21.01 0.86 0.00	21.75 0.78 0.00	19.31 0.76 0.00
CRICKET__VALLEY_CC3 323758	21.87 0.63 0.00	21.20 0.54 0.00	21.62 0.47 0.00	20.49 0.43 0.00	21.03 0.39 0.00	22.61 0.46 0.00	28.29 0.61 0.00	33.36 0.83 0.00	28.53 0.64 0.00	21.30 0.45 0.00	19.93 0.41 0.00	19.67 0.33 0.00	18.83 0.35 0.00	19.41 0.42 0.00	20.52 0.46 0.00	21.22 0.47 0.00	25.45 0.74 0.00	31.27 1.25 0.00	23.41 1.00 0.00	22.38 0.94 0.00	21.86 0.92 0.00	21.01 0.86 0.00	21.75 0.78 0.00	19.31 0.76 0.00
CRUCIBLE_METL_DRP 24180	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00
DAHOWA__HYDRO 323763	21.97 0.72 0.00	21.33 0.67 0.00	21.73 0.58 0.00	20.58 0.52 0.00	21.19 0.55 0.00	22.77 0.63 0.00	28.58 0.90 0.00	33.67 1.14 0.00	28.76 0.87 0.00	21.31 0.47 0.00	19.79 0.27 0.00	19.53 0.19 0.00	18.66 0.17 0.00	19.28 0.28 0.00	20.50 0.44 0.00	21.42 0.67 0.00	25.69 0.98 0.00	31.49 1.47 0.00	23.46 1.06 0.00	22.39 0.95 0.00	21.89 0.95 0.00	21.05 0.90 0.00	21.77 0.81 0.00	19.30 0.74 0.00
DANC__LFGE 323619	20.50 -0.75 0.00	20.04 -0.62 0.00	20.71 -0.44 0.00	19.71 -0.36 0.00	20.31 -0.33 0.00	21.76 -0.38 0.00	27.22 -0.45 0.00	32.11 -0.42 0.00	27.67 -0.22 0.00	20.55 -0.29 0.00	19.18 -0.33 0.00	18.91 -0.44 0.00	18.07 -0.42 0.00	18.56 -0.43 0.00	19.56 -0.50 0.00	20.50 -0.25 0.00	24.53 -0.18 0.00	29.71 -0.31 0.00	21.86 -0.55 0.00	20.76 -0.69 0.00	20.18 -0.77 0.00	19.31 -0.84 0.00	20.17 -0.79 0.00	17.75 -0.81 0.00
DANSKAMMER__1 23586	22.28 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.90 1.22 0.00	34.08 1.55 0.00	29.14 1.24 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.86 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00
DANSKAMMER__2 23589	22.28 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.90 1.22 0.00	34.08 1.55 0.00	29.14 1.24 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.86 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00
DANSKAMMER__3 23590	22.28 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.90 1.22 0.00	34.08 1.55 0.00	29.14 1.24 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.86 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00

DANSKAMMER___4 23591	22.28 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.90 1.22 0.00	34.08 1.55 0.00	29.14 1.24 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.86 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00
DANSKAMMER___DIESEL 23592	22.27 1.03 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.46 0.82 0.00	23.07 0.93 0.00	28.91 1.23 0.00	34.08 1.55 0.00	29.14 1.25 0.00	21.75 0.90 0.00	20.34 0.83 0.00	20.08 0.73 0.00	19.23 0.74 0.00	19.79 0.79 0.00	20.92 0.87 0.00	21.67 0.92 0.00	25.96 1.24 0.00	31.83 1.81 0.00	23.83 1.42 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.11 1.15 0.00	19.61 1.06 0.00
DARBY___SOLAR 323810	21.93 0.69 0.00	21.29 0.63 0.00	21.70 0.55 0.00	20.56 0.50 0.00	21.17 0.53 0.00	22.74 0.60 0.00	28.53 0.85 0.00	33.60 1.07 0.00	28.71 0.82 0.00	21.28 0.44 0.00	19.77 0.26 0.00	19.51 0.17 0.00	18.64 0.16 0.00	19.26 0.27 0.00	20.47 0.42 0.00	21.38 0.63 0.00	25.63 0.91 0.00	31.41 1.39 0.00	23.41 1.00 0.00	22.35 0.90 0.00	21.84 0.90 0.00	21.00 0.85 0.00	21.74 0.78 0.00	19.26 0.71 0.00
DASHVILLE___HYD 23610	22.03 0.78 0.00	21.37 0.71 0.00	21.82 0.67 0.00	20.69 0.62 0.00	21.23 0.59 0.00	22.82 0.68 0.00	28.58 0.90 0.00	33.68 1.15 0.00	28.80 0.91 0.00	21.51 0.67 0.00	20.14 0.62 0.00	19.89 0.54 0.00	19.05 0.56 0.00	19.61 0.61 0.00	20.71 0.65 0.00	21.43 0.68 0.00	25.65 0.93 0.00	31.44 1.42 0.00	23.54 1.13 0.00	22.53 1.08 0.00	21.99 1.05 0.00	21.12 0.97 0.00	21.87 0.91 0.00	19.39 0.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.23 1.99 0.00	22.60 1.94 0.00	23.02 1.86 0.00	21.87 1.80 0.00	22.41 1.77 0.00	24.21 2.07 0.00	32.02 2.73 -1.61	35.90 3.24 -0.12	30.33 2.44 0.00	22.32 1.47 0.00	21.02 1.51 0.00	20.61 1.26 0.00	19.68 1.19 0.00	20.28 1.29 0.00	21.57 1.52 0.00	22.11 1.37 0.00	26.76 2.05 0.00	33.51 3.17 -0.32	25.07 2.44 -0.22	24.37 2.22 -0.70	28.39 2.19 -5.27	22.85 1.99 -0.70	40.80 2.05 -17.79	42.79 1.99 -22.24
DELAWARE___LFGE 323621	21.72 0.48 0.00	21.10 0.44 0.00	21.60 0.45 0.00	20.51 0.44 0.00	21.10 0.46 0.00	22.68 0.53 0.00	28.40 0.72 0.00	33.42 0.89 0.00	28.64 0.75 0.00	21.43 0.58 0.00	20.08 0.56 0.00	19.87 0.52 0.00	18.98 0.50 0.00	19.49 0.49 0.00	20.57 0.51 0.00	21.31 0.56 0.00	25.40 0.69 0.00	30.95 0.93 0.00	23.06 0.66 0.00	22.06 0.61 0.00	21.52 0.58 0.00	20.67 0.51 0.00	21.44 0.48 0.00	18.99 0.43 0.00
DERFIELD_115KV_TB7 355931	21.25 0.01 0.00	20.66 0.00 0.00	21.14 -0.01 0.00	20.06 0.00 0.00	20.64 0.00 0.00	22.14 0.00 0.00	27.68 0.00 0.00	32.55 0.02 0.00	27.91 0.02 0.00	20.83 -0.01 0.00	19.49 -0.03 0.00	19.31 -0.04 0.00	18.46 -0.03 0.00	18.97 -0.02 0.00	20.04 -0.02 0.00	20.77 0.02 0.00	24.76 0.04 0.00	30.14 0.12 0.00	22.49 0.08 0.00	21.51 0.06 0.00	20.99 0.05 0.00	20.17 0.02 0.00	20.96 0.00 0.00	18.56 0.01 0.00
DOGLEVILLE___HYD 23807	20.91 -0.34 0.00	20.25 -0.41 0.00	20.64 -0.51 0.00	19.58 -0.48 0.00	20.22 -0.42 0.00	21.72 -0.43 0.00	27.31 -0.37 0.00	32.34 -0.19 0.00	27.73 -0.16 0.00	20.50 -0.35 0.00	19.00 -0.51 0.00	18.72 -0.63 0.00	17.89 -0.60 0.00	18.41 -0.58 0.00	19.53 -0.52 0.00	20.41 -0.34 0.00	24.51 -0.20 0.00	30.01 -0.01 0.00	22.47 0.07 0.00	21.48 0.03 0.00	20.93 -0.01 0.00	20.14 -0.01 0.00	20.77 -0.19 0.00	18.37 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	20.42 -0.82 0.00	20.09 -0.57 0.00	20.79 -0.36 0.00	19.83 -0.23 0.00	20.42 -0.22 0.00	21.90 -0.24 0.00	27.38 -0.30 0.00	31.61 -0.92 0.00	27.45 -0.44 0.00	20.69 -0.15 0.00	19.44 -0.08 0.00	19.47 0.12 0.00	18.50 0.01 0.00	18.92 -0.07 0.00	19.84 -0.21 0.00	20.63 -0.12 0.00	24.22 -0.49 0.00	29.13 -0.89 0.00	21.40 -1.01 0.00	20.48 -0.96 0.00	19.92 -1.03 0.00	18.96 -1.19 0.00	19.74 -1.22 0.00	17.61 -0.95 0.00
DUNKIRK___1 23563	20.42 -0.82 0.00	20.09 -0.57 0.00	20.79 -0.36 0.00	19.83 -0.23 0.00	20.42 -0.22 0.00	21.90 -0.24 0.00	27.38 -0.30 0.00	31.61 -0.92 0.00	27.45 -0.44 0.00	20.69 -0.15 0.00	19.44 -0.08 0.00	19.47 0.12 0.00	18.50 0.01 0.00	18.92 -0.07 0.00	19.84 -0.21 0.00	20.63 -0.12 0.00	24.22 -0.49 0.00	29.13 -0.89 0.00	21.40 -1.01 0.00	20.48 -0.96 0.00	19.92 -1.03 0.00	18.96 -1.19 0.00	19.74 -1.22 0.00	17.61 -0.95 0.00
DUNKIRK___2 23564	20.42 -0.82 0.00	20.09 -0.57 0.00	20.79 -0.36 0.00	19.83 -0.23 0.00	20.42 -0.22 0.00	21.90 -0.24 0.00	27.38 -0.30 0.00	31.61 -0.92 0.00	27.45 -0.44 0.00	20.69 -0.15 0.00	19.44 -0.08 0.00	19.47 0.12 0.00	18.50 0.01 0.00	18.92 -0.07 0.00	19.84 -0.21 0.00	20.63 -0.12 0.00	24.22 -0.49 0.00	29.13 -0.89 0.00	21.40 -1.01 0.00	20.48 -0.96 0.00	19.92 -1.03 0.00	18.96 -1.19 0.00	19.74 -1.22 0.00	17.61 -0.95 0.00
DUNKIRK___3 23565	20.39 -0.86 0.00	20.04 -0.62 0.00	20.72 -0.43 0.00	19.75 -0.31 0.00	20.34 -0.30 0.00	21.80 -0.34 0.00	27.22 -0.46 0.00	31.44 -1.09 0.00	27.28 -0.61 0.00	20.58 -0.26 0.00	19.36 -0.15 0.00	19.40 0.05 0.00	18.44 -0.04 0.00	18.87 -0.12 0.00	19.79 -0.26 0.00	20.56 -0.19 0.00	24.12 -0.59 0.00	29.05 -0.98 0.00	21.37 -1.04 0.00	20.47 -0.97 0.00	19.91 -1.03 0.00	18.96 -1.19 0.00	19.76 -1.20 0.00	17.61 -0.94 0.00
DUNKIRK___4 23566	20.44 -0.81 0.00	20.09 -0.57 0.00	20.78 -0.38 0.00	19.81 -0.25 0.00	20.39 -0.24 0.00	21.86 -0.28 0.00	27.29 -0.39 0.00	31.48 -1.05 0.00	27.38 -0.51 0.00	20.65 -0.20 0.00	19.42 -0.10 0.00	19.45 0.11 0.00	18.47 -0.01 0.00	18.91 -0.08 0.00	19.84 -0.22 0.00	20.63 -0.12 0.00	24.21 -0.51 0.00	29.13 -0.89 0.00	21.41 -1.00 0.00	20.51 -0.94 0.00	19.94 -1.00 0.00	18.98 -1.18 0.00	19.78 -1.18 0.00	17.64 -0.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.26 1.02 0.00	21.59 0.93 0.00	22.03 0.88 0.00	20.88 0.82 0.00	21.41 0.78 0.00	23.02 0.87 0.00	28.83 1.15 0.00	33.99 1.46 0.00	29.05 1.16 0.00	21.72 0.88 0.00	20.35 0.83 0.00	20.09 0.75 0.00	19.26 0.77 0.00	19.81 0.82 0.00	20.92 0.86 0.00	21.63 0.88 0.00	25.88 1.17 0.00	31.72 1.70 0.00	23.76 1.36 0.00	22.74 1.30 0.00	22.21 1.26 0.00	21.33 1.18 0.00	22.07 1.11 0.00	19.59 1.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.12 0.87 0.00	21.46 0.80 0.00	21.91 0.75 0.00	20.77 0.71 0.00	21.32 0.68 0.00	22.91 0.77 0.00	28.70 1.02 0.00	33.83 1.30 0.00	28.91 1.02 0.00	21.58 0.74 0.00	20.19 0.67 0.00	19.93 0.58 0.00	19.09 0.60 0.00	19.64 0.65 0.00	20.76 0.70 0.00	21.50 0.75 0.00	25.74 1.02 0.00	31.55 1.53 0.00	23.62 1.21 0.00	22.61 1.16 0.00	22.07 1.13 0.00	21.20 1.04 0.00	21.94 0.98 0.00	19.47 0.91 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.39 1.15 0.00	21.67 1.01 0.00	22.13 0.97 0.00	20.95 0.89 0.00	21.47 0.83 0.00	23.06 0.91 0.00	28.88 1.20 0.00	34.12 1.59 0.00	29.17 1.28 0.00	21.86 1.01 0.00	20.46 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.91 0.92 0.00	21.04 0.99 0.00	21.74 0.99 0.00	25.98 1.27 0.00	31.84 1.82 0.00	23.88 1.47 0.00	22.87 1.42 0.00	22.31 1.37 0.00	21.44 1.28 0.00	22.16 1.20 0.00	19.68 1.12 0.00
E179THST_13_KV_LOAD 356214	22.48 1.24 0.00	21.75 1.10 0.00	22.21 1.06 0.00	21.03 0.96 0.00	21.55 0.91 0.00	23.14 1.00 0.00	28.99 1.31 0.00	34.25 1.72 0.00	29.29 1.40 0.00	21.95 1.11 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.14 1.08 0.00	21.83 1.08 0.00	26.10 1.38 0.00	31.99 1.97 0.00	23.98 1.58 0.00	22.98 1.53 0.00	22.41 1.47 0.00	21.52 1.37 0.00	22.24 1.28 0.00	19.76 1.21 0.00
EAST HAMPTON___GT 23717	23.46 2.22 0.00	22.82 2.16 0.00	23.24 2.09 0.00	22.08 2.01 0.00	22.63 1.99 0.00	24.46 2.32 0.00	32.32 3.03 -1.61	36.25 3.60 -0.12	30.64 2.75 0.00	22.55 1.71 0.00	21.23 1.71 0.00	20.80 1.45 0.00	19.86 1.37 0.00	20.46 1.47 0.00	21.78 1.73 0.00	22.35 1.60 0.00	27.07 2.36 0.00	33.90 3.57 -0.32	25.36 2.73 -0.22	24.65 2.50 -0.70	28.62 2.41 -5.27	23.05 2.20 -0.70	41.01 2.25 -17.79	42.96 2.16 -22.24
EAST RIVER___6 23660	22.36 1.12 0.00	21.69 1.03 0.00	22.14 0.99 0.00	20.97 0.91 0.00	21.48 0.84 0.00	23.09 0.94 0.00	28.87 1.19 0.00	34.11 1.58 0.00	29.11 1.21 0.00	21.80 0.96 0.00	20.43 0.92 0.00	20.20 0.85 0.00	19.38 0.89 0.00	19.96 0.97 0.00	21.06 1.00 0.00	21.75 1.00 0.00	26.01 1.30 0.00	31.86 1.84 0.00	23.88 1.47 0.00	22.84 1.39 0.00	22.29 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.67 1.11 0.00
EAST RIVER___7 23524	22.36 1.12 0.00	21.69 1.03 0.00	22.14 0.99 0.00	20.97 0.91 0.00	21.48 0.84 0.00	23.09 0.94 0.00	28.87 1.19 0.00	34.11 1.58 0.00	29.11 1.21 0.00	21.80 0.96 0.00	20.43 0.92 0.00	20.20 0.85 0.00	19.38 0.89 0.00	19.96 0.97 0.00	21.06 1.00 0.00	21.75 1.00 0.00	26.01 1.30 0.00	31.86 1.84 0.00	23.88 1.47 0.00	22.84 1.39 0.00	22.29 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.67 1.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.22 0.98 0.00	21.55 0.89 0.00	21.99 0.84 0.00	20.84 0.77 0.00	21.37 0.73 0.00	22.97 0.83 0.00	28.76 1.08 0.00	33.92 1.39 0.00	28.98 1.09 0.00	21.66 0.82 0.00	20.29 0.78 0.00	20.05 0.70 0.00	19.21 0.72 0.00	19.76 0.76 0.00	20.87 0.81 0.00	21.58 0.83 0.00	25.82 1.11 0.00	31.65 1.63 0.00	23.71 1.31 0.00	22.70 1.25 0.00	22.16 1.22 0.00	21.28 1.13 0.00	22.02 1.06 0.00	19.55 1.00 0.00
EAST_HAMPTON___DIESEL 23722	23.46 2.22 0.00	22.82 2.16 0.00	23.24 2.09 0.00	22.08 2.01 0.00	22.63 1.99 0.00	24.47 2.32 0.00	32.31 3.02 -1.61	36.24 3.59 -0.12	30.63 2.74 0.00	22.55 1.71 0.00	21.23 1.72 0.00	20.80 1.45 0.00	19.86 1.37 0.00	20.47 1.47 0.00	21.78 1.73 0.00	22.35 1.60 0.00	27.07 2.36 0.00	33.91 3.57 -0.32	25.36 2.73 -0.22	24.66 2.51 -0.70	28.62 2.41 -5.27	23.05 2.20 -0.70	41.00 2.25 -17.79	42.95 2.16 -22.24
EAST_PULASKI___ESR 323781	20.66 -0.59 0.00	20.14 -0.52 0.00	20.70 -0.46 0.00	19.67 -0.39 0.00	20.25 -0.39 0.00	21.70 -0.44 0.00	27.12 -0.56 0.00	31.91 -0.62 0.00	27.44 -0.46 0.00	20.45 -0.39 0.00	19.14 -0.37 0.00	18.93 -0.42 0.00	18.06 -0.42 0.00	18.54 -0.46 0.00	19.54 -0.51 0.00	20.37 -0.38 0.00	24.31 -0.40 0.00	29.56 -0.46 0.00	21.90 -0.50 0.00	20.90 -0.55 0.00	20.37 -0.57 0.00	19.54 -0.62 0.00	20.38 -0.58 0.00	18.00 -0.55 0.00
EAST_RIVER___1 323558	22.34 1.10 0.00	21.65 0.99 0.00	22.10 0.94 0.00	20.94 0.87 0.00	21.45 0.82 0.00	23.06 0.91 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.09 1.19 0.00	21.79 0.94 0.00	20.42 0.90 0.00	20.18 0.83 0.00	19.35 0.86 0.00	19.90 0.91 0.00	21.01 0.95 0.00	21.71 0.96 0.00	25.95 1.23 0.00	31.80 1.77 0.00	23.83 1.42 0.00	22.80 1.36 0.00	22.26 1.31 0.00	21.39 1.23 0.00	22.10 1.15 0.00	19.64 1.08 0.00
EAST_RIVER___2 323559	22.36 1.12 0.00	21.69 1.03 0.00	22.14 0.99 0.00	20.97 0.91 0.00	21.48 0.84 0.00	23.09 0.94 0.00	28.87 1.19 0.00	34.11 1.58 0.00	29.11 1.21 0.00	21.80 0.96 0.00	20.43 0.92 0.00	20.20 0.85 0.00	19.38 0.89 0.00	19.96 0.97 0.00	21.06 1.00 0.00	21.75 1.00 0.00	26.01 1.30 0.00	31.86 1.84 0.00	23.88 1.47 0.00	22.84 1.39 0.00	22.29 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.67 1.11 0.00
EAST___DELAWARE_HYD 23607	22.38 1.14 0.00	21.68 1.03 0.00	22.14 0.99 0.00	20.99 0.92 0.00	21.55 0.92 0.00	23.18 1.03 0.00	29.10 1.42 0.00	34.26 1.73 0.00	29.28 1.39 0.00	21.81 0.96 0.00	20.40 0.88 0.00	20.10 0.75 0.00	19.20 0.72 0.00	19.75 0.76 0.00	20.90 0.84 0.00	21.73 0.98 0.00	26.16 1.45 0.00	32.14 2.12 0.00	24.15 1.75 0.00	23.07 1.62 0.00	22.51 1.57 0.00	21.61 1.45 0.00	22.35 1.39 0.00	19.78 1.22 0.00
EIGHT_POINT___WT_PWR 323820	19.81 -1.44 0.00	19.23 -1.43 0.00	20.23 -0.92 0.00	19.71 -0.36 0.00	20.67 0.03 0.00	23.29 0.32 -0.83	28.45 0.77 0.00	35.09 0.82 -1.73	31.76 0.72 -3.15	22.31 0.61 -0.85	20.43 0.51 -0.41	19.65 0.30 0.00	18.70 0.21 0.00	19.14 0.14 0.00	20.11 0.06 0.00	20.76 0.01 0.00	24.21 -0.51 0.00	28.93 -1.09 0.00	21.16 -1.24 0.00	19.99 -1.46 0.00	19.24 -1.70 0.00	18.30 -1.85 0.00	18.94 -2.02 0.00	16.83 -1.73 0.00
ELBRIDGE_115KV_TB2 80188	21.20 -0.04 0.00	20.68 0.02 0.00	21.23 0.07 0.00	20.16 0.09 0.00	20.71 0.08 0.00	22.29 0.14 0.00	27.88 0.20 0.00	32.73 0.20 0.00	28.07 0.18 0.00	21.02 0.18 0.00	19.73 0.21 0.00	19.59 0.24 0.00	18.61 0.12 0.00	19.09 0.10 0.00	20.17 0.12 0.00	20.99 0.24 0.00	24.90 0.18 0.00	30.25 0.23 0.00	22.55 0.14 0.00	21.52 0.07 0.00	20.98 0.04 0.00	20.13 -0.03 0.00	20.97 0.01 0.00	18.57 0.01 0.00
ELEC_TRO_TEK 24086	22.56 1.32 0.00	21.88 1.22 0.00	22.30 1.15 0.00	21.13 1.06 0.00	21.65 1.01 0.00	23.33 1.18 0.00	30.86 1.57 -1.61	34.59 1.94 -0.12	29.44 1.55 0.00	21.94 1.09 0.00	20.60 1.09 0.00	20.31 0.96 0.00	19.44 0.95 0.00	20.01 1.02 0.00	21.18 1.12 0.00	21.84 1.09 0.00	26.22 1.50 0.00	32.48 2.13 -0.32	24.34 1.71 -0.22	23.77 1.62 -0.70	27.80 1.59 -5.27	22.32 1.46 -0.70	40.18 1.43 -17.79	42.12 1.33 -22.24
ELLENBURG_WT_PWR 323604	21.32 0.08 0.00	20.68 0.02 0.00	21.26 0.11 0.00	20.12 0.05 0.00	20.77 0.13 0.00	22.44 0.30 0.00	28.30 0.62 0.00	33.44 0.90 0.00	28.64 0.75 0.00	21.35 0.50 0.00	19.98 0.46 0.00	19.83 0.48 0.00	18.92 0.43 0.00	19.53 0.54 0.00	20.59 0.53 0.00	21.07 0.33 0.00	24.74 0.03 0.00	29.70 -0.32 0.00	22.00 -0.41 0.00	21.16 -0.30 0.00	20.98 0.04 0.00	20.20 0.05 0.00	20.94 -0.02 0.00	18.16 -0.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.26 -0.98 0.00	19.88 -0.78 0.00	20.52 -0.63 0.00	19.56 -0.50 0.00	20.11 -0.53 0.00	21.55 -0.59 0.00	26.84 -0.84 0.00	30.89 -1.64 0.00	26.93 -0.97 0.00	20.32 -0.53 0.00	19.13 -0.38 0.00	19.19 -0.16 0.00	18.20 -0.29 0.00	18.68 -0.32 0.00	19.61 -0.45 0.00	20.42 -0.33 0.00	23.93 -0.78 0.00	28.86 -1.16 0.00	21.23 -1.18 0.00	20.37 -1.08 0.00	19.83 -1.11 0.00	18.84 -1.31 0.00	19.70 -1.26 0.00	17.56 -1.00 0.00
EMPIRE_CC_1 323656	21.38 0.14 0.00	20.77 0.12 0.00	21.22 0.06 0.00	20.10 0.04 0.00	20.67 0.04 0.00	22.18 0.03 0.00	27.72 0.04 0.00	32.59 0.06 0.00	27.91 0.01 0.00	20.77 -0.08 0.00	19.43 -0.09 0.00	19.20 -0.15 0.00	18.40 -0.08 0.00	18.91 -0.08 0.00	20.01 -0.05 0.00	20.78 0.03 0.00	24.83 0.12 0.00	30.48 0.46 0.00	22.76 0.36 0.00	21.78 0.33 0.00	21.28 0.34 0.00	20.49 0.34 0.00	21.25 0.28 0.00	18.89 0.33 0.00
EMPIRE_CC_2 323658	21.38 0.14 0.00	20.77 0.12 0.00	21.22 0.06 0.00	20.10 0.04 0.00	20.67 0.04 0.00	22.18 0.03 0.00	27.72 0.04 0.00	32.59 0.06 0.00	27.91 0.01 0.00	20.77 -0.08 0.00	19.43 -0.09 0.00	19.20 -0.15 0.00	18.40 -0.08 0.00	18.91 -0.08 0.00	20.01 -0.05 0.00	20.78 0.03 0.00	24.83 0.12 0.00	30.48 0.46 0.00	22.76 0.36 0.00	21.78 0.33 0.00	21.28 0.34 0.00	20.49 0.34 0.00	21.25 0.28 0.00	18.89 0.33 0.00
ENORWICH_115KV_TB1 80156	22.29 1.04 0.00	21.62 0.96 0.00	22.15 0.99 0.00	21.07 1.01 0.00	21.84 1.20 0.00	23.66 1.52 0.00	29.83 2.14 0.00	35.16 2.63 0.00	30.22 2.33 0.00	22.69 1.84 0.00	21.21 1.69 0.00	20.99 1.64 0.00	19.76 1.27 0.00	20.11 1.11 0.00	21.31 1.25 0.00	22.37 1.62 0.00	26.63 1.91 0.00	32.33 2.31 0.00	23.81 1.41 0.00	22.70 1.25 0.00	22.02 1.08 0.00	21.07 0.92 0.00	21.70 0.73 0.00	19.17 0.61 0.00
ERIE_ST__34_KV_TB1-2 80199	20.78 -0.46 0.00	20.38 -0.28 0.00	21.01 -0.15 0.00	20.02 -0.05 0.00	20.60 -0.04 0.00	22.07 -0.07 0.00	27.47 -0.20 0.00	31.69 -0.84 0.00	27.62 -0.27 0.00	20.88 0.03 0.00	19.69 0.18 0.00	19.73 0.38 0.00	18.72 0.24 0.00	19.22 0.23 0.00	20.19 0.13 0.00	21.00 0.25 0.00	24.63 -0.09 0.00	29.73 -0.29 0.00	21.91 -0.50 0.00	21.02 -0.43 0.00	20.46 -0.48 0.00	19.44 -0.71 0.00	20.31 -0.65 0.00	18.09 -0.47 0.00
ERIE_WT_PWR 323693	20.42 -0.83 0.00	20.03 -0.62 0.00	20.68 -0.47 0.00	19.72 -0.35 0.00	20.28 -0.36 0.00	20.48 -0.41 1.25	27.07 -0.61 0.00	28.55 -1.36 2.62	22.41 -0.73 4.76	19.21 -0.34 1.29	18.70 -0.19 0.62	19.38 0.03 0.00	18.39 -0.10 0.00	18.85 -0.14 0.00	19.80 -0.26 0.00	20.61 -0.14 0.00	24.17 -0.54 0.00	29.14 -0.88 0.00	21.44 -0.97 0.00	20.56 -0.89 0.00	20.01 -0.93 0.00	19.00 -1.15 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
ESPRGFLD_115KV_TB1 80157	22.34 1.09 0.00	21.73 1.07 0.00	22.28 1.13 0.00	21.19 1.12 0.00	21.86 1.22 0.00	23.51 1.37 0.00	29.41 1.73 0.00	34.65 2.12 0.00	29.76 1.86 0.00	22.22 1.37 0.00	20.85 1.34 0.00	20.70 1.35 0.00	19.74 1.25 0.00	20.24 1.24 0.00	21.32 1.26 0.00	22.03 1.28 0.00	26.20 1.49 0.00	31.68 1.66 0.00	23.50 1.10 0.00	22.44 1.00 0.00	21.91 0.97 0.00	21.03 0.88 0.00	21.87 0.91 0.00	19.29 0.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.43 0.18 0.00	20.86 0.20 0.00	21.40 0.24 0.00	20.34 0.27 0.00	20.95 0.32 0.00	22.53 0.39 0.00	28.23 0.55 0.00	33.16 0.63 0.00	28.47 0.58 0.00	21.33 0.49 0.00	19.96 0.44 0.00	19.78 0.43 0.00	18.82 0.33 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.18 0.43 0.00	25.19 0.48 0.00	30.64 0.62 0.00	22.81 0.41 0.00	21.79 0.34 0.00	21.24 0.30 0.00	20.35 0.20 0.00	21.14 0.18 0.00	18.71 0.15 0.00
ETNA____115KV_TB2 80207	21.43 0.18 0.00	20.86 0.20 0.00	21.40 0.24 0.00	20.34 0.27 0.00	20.95 0.32 0.00	22.53 0.39 0.00	28.23 0.55 0.00	33.16 0.63 0.00	28.47 0.58 0.00	21.33 0.49 0.00	19.96 0.44 0.00	19.78 0.43 0.00	18.82 0.33 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.18 0.43 0.00	25.19 0.48 0.00	30.64 0.62 0.00	22.81 0.41 0.00	21.79 0.34 0.00	21.24 0.30 0.00	20.35 0.20 0.00	21.14 0.18 0.00	18.71 0.15 0.00
EUCLID__115KV_TB2 356179	20.81 -0.43 0.00	20.26 -0.40 0.00	20.76 -0.39 0.00	19.72 -0.35 0.00	20.28 -0.36 0.00	21.75 -0.39 0.00	27.18 -0.50 0.00	31.90 -0.63 0.00	27.39 -0.50 0.00	20.51 -0.34 0.00	19.21 -0.31 0.00	19.06 -0.29 0.00	18.17 -0.31 0.00	18.64 -0.36 0.00	19.66 -0.40 0.00	20.40 -0.34 0.00	24.28 -0.44 0.00	29.54 -0.48 0.00	22.00 -0.41 0.00	21.04 -0.41 0.00	20.53 -0.41 0.00	19.71 -0.44 0.00	20.55 -0.41 0.00	18.20 -0.36 0.00
E_CANADA_CAP_HY 24051	22.58 1.34 0.00	21.97 1.31 0.00	22.53 1.38 0.00	21.42 1.35 0.00	22.10 1.47 0.00	23.74 1.60 0.00	29.63 1.96 0.00	34.92 2.39 0.00	30.02 2.13 0.00	22.27 1.43 0.00	20.84 1.32 0.00	20.72 1.37 0.00	19.78 1.30 0.00	20.30 1.31 0.00	21.39 1.33 0.00	22.09 1.34 0.00	26.35 1.63 0.00	31.82 1.79 0.00	23.62 1.21 0.00	22.57 1.12 0.00	22.06 1.12 0.00	21.18 1.03 0.00	22.07 1.11 0.00	19.45 0.89 0.00
E_CANADA_MHWK_HY 24050	20.91 -0.34 0.00	20.25 -0.41 0.00	20.64 -0.51 0.00	19.58 -0.48 0.00	20.22 -0.42 0.00	21.72 -0.43 0.00	27.31 -0.37 0.00	32.34 -0.19 0.00	27.73 -0.16 0.00	20.50 -0.35 0.00	19.00 -0.51 0.00	18.72 -0.63 0.00	17.89 -0.60 0.00	18.41 -0.58 0.00	19.53 -0.52 0.00	20.41 -0.34 0.00	24.51 -0.20 0.00	30.01 -0.01 0.00	22.47 0.07 0.00	21.48 0.03 0.00	20.93 -0.01 0.00	20.14 -0.01 0.00	20.77 -0.19 0.00	18.37 -0.19 0.00
E_FISHKILL__LBMP 23776	22.05 0.81 0.00	21.38 0.73 0.00	21.83 0.67 0.00	20.69 0.62 0.00	21.23 0.59 0.00	22.81 0.67 0.00	28.57 0.89 0.00	33.67 1.15 0.00	28.79 0.90 0.00	21.51 0.66 0.00	20.13 0.62 0.00	19.89 0.54 0.00	19.05 0.56 0.00	19.60 0.61 0.00	20.71 0.65 0.00	21.42 0.67 0.00	25.64 0.93 0.00	31.44 1.41 0.00	23.54 1.13 0.00	22.53 1.08 0.00	22.00 1.05 0.00	21.13 0.98 0.00	21.87 0.91 0.00	19.42 0.86 0.00
FALCON__SEABRD_CC1 323796	21.53 0.28 0.00	20.87 0.21 0.00	21.44 0.29 0.00	20.28 0.21 0.00	20.84 0.20 0.00	22.48 0.34 0.00	28.42 0.74 0.00	33.59 1.06 0.00	28.75 0.86 0.00	21.40 0.55 0.00	20.03 0.51 0.00	19.86 0.51 0.00	18.95 0.47 0.00	19.60 0.60 0.00	20.70 0.64 0.00	21.19 0.44 0.00	24.88 0.17 0.00	29.87 -0.15 0.00	22.11 -0.30 0.00	21.19 -0.25 0.00	21.05 0.11 0.00	20.23 0.07 0.00	21.00 0.03 0.00	18.25 -0.30 0.00
FALCON__SEABRD_CC2 323797	21.53 0.28 0.00	20.87 0.21 0.00	21.44 0.29 0.00	20.28 0.21 0.00	20.84 0.20 0.00	22.48 0.34 0.00	28.42 0.74 0.00	33.59 1.06 0.00	28.75 0.86 0.00	21.40 0.55 0.00	20.03 0.51 0.00	19.86 0.51 0.00	18.95 0.47 0.00	19.60 0.60 0.00	20.70 0.64 0.00	21.19 0.44 0.00	24.88 0.17 0.00	29.87 -0.15 0.00	22.11 -0.30 0.00	21.19 -0.25 0.00	21.05 0.11 0.00	20.23 0.07 0.00	21.00 0.03 0.00	18.25 -0.30 0.00

FAR ROCKAWAY___4 23548	22.80 1.56 0.00	22.11 1.45 0.00	22.53 1.38 0.00	21.34 1.27 0.00	21.88 1.24 0.00	23.57 1.42 0.00	31.17 1.89 -1.61	35.00 2.35 -0.12	29.76 1.87 0.00	22.18 1.34 0.00	20.83 1.31 0.00	20.53 1.18 0.00	19.65 1.17 0.00	20.23 1.24 0.00	21.42 1.36 0.00	22.11 1.36 0.00	26.54 1.82 0.00	32.65 2.31 -0.32	24.65 2.02 -0.22	24.06 1.91 -0.70	28.08 1.87 -5.27	22.58 1.72 -0.70	40.45 1.70 -17.79	42.34 1.54 -22.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.36 1.11 0.00	21.66 1.00 0.00	22.10 0.95 0.00	20.95 0.89 0.00	21.47 0.83 0.00	23.07 0.92 0.00	28.88 1.21 0.00	34.08 1.55 0.00	29.11 1.22 0.00	21.81 0.96 0.00	20.43 0.91 0.00	20.19 0.84 0.00	19.36 0.88 0.00	19.91 0.92 0.00	21.02 0.96 0.00	21.72 0.97 0.00	25.96 1.25 0.00	31.80 1.78 0.00	23.84 1.44 0.00	22.82 1.37 0.00	22.27 1.33 0.00	21.40 1.24 0.00	22.12 1.16 0.00	19.65 1.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.36 1.12 0.00	21.67 1.01 0.00	22.12 0.96 0.00	20.96 0.90 0.00	21.47 0.84 0.00	23.08 0.94 0.00	28.90 1.22 0.00	34.09 1.57 0.00	29.13 1.24 0.00	21.81 0.97 0.00	20.44 0.93 0.00	20.20 0.85 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.02 0.97 0.00	21.73 0.98 0.00	25.98 1.27 0.00	31.83 1.81 0.00	23.86 1.45 0.00	22.83 1.39 0.00	22.29 1.34 0.00	21.41 1.26 0.00	22.13 1.17 0.00	19.66 1.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.34 1.10 0.00	21.65 0.99 0.00	22.10 0.94 0.00	20.94 0.88 0.00	21.46 0.82 0.00	23.06 0.91 0.00	28.87 1.20 0.00	34.06 1.53 0.00	29.10 1.21 0.00	21.79 0.95 0.00	20.42 0.91 0.00	20.18 0.83 0.00	19.35 0.87 0.00	19.90 0.90 0.00	21.00 0.95 0.00	21.71 0.96 0.00	25.95 1.23 0.00	31.80 1.77 0.00	23.83 1.42 0.00	22.81 1.36 0.00	22.26 1.32 0.00	21.39 1.24 0.00	22.11 1.15 0.00	19.64 1.09 0.00
FARRAGUT___LBMP 323566	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.04 1.51 0.00	29.08 1.19 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.34 0.85 0.00	19.89 0.89 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.93 1.21 0.00	31.77 1.75 0.00	23.81 1.41 0.00	22.79 1.34 0.00	22.25 1.30 0.00	21.38 1.22 0.00	22.09 1.13 0.00	19.63 1.08 0.00
FENNER___WINDPWR 24204	21.40 0.16 0.00	20.84 0.18 0.00	21.37 0.22 0.00	20.31 0.24 0.00	20.93 0.29 0.00	22.48 0.33 0.00	28.20 0.52 0.00	33.15 0.62 0.00	28.46 0.57 0.00	21.23 0.39 0.00	19.82 0.31 0.00	19.63 0.28 0.00	18.73 0.24 0.00	19.23 0.23 0.00	20.31 0.25 0.00	21.12 0.37 0.00	25.21 0.49 0.00	30.60 0.58 0.00	22.74 0.34 0.00	21.71 0.26 0.00	21.17 0.23 0.00	20.32 0.17 0.00	21.09 0.13 0.00	18.64 0.08 0.00
FIBERTEK___ENERGY 23856	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00
FITZPATRICK___ 23598	20.54 -0.70 0.00	19.99 -0.67 0.00	20.48 -0.67 0.00	19.45 -0.61 0.00	20.01 -0.63 0.00	21.44 -0.70 0.00	26.77 -0.91 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.19 -0.65 0.00	18.92 -0.59 0.00	18.77 -0.58 0.00	17.90 -0.59 0.00	18.36 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.84 0.00	29.03 -1.00 0.00	21.62 -0.79 0.00	20.69 -0.76 0.00	20.19 -0.75 0.00	19.41 -0.74 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
FLOWRFLD_69_KV_BK1 356044	22.87 1.63 0.00	22.20 1.54 0.00	22.61 1.46 0.00	21.42 1.36 0.00	21.95 1.31 0.00	23.70 1.55 0.00	31.36 2.07 -1.61	35.18 2.53 -0.12	29.83 1.94 0.00	22.12 1.28 0.00	20.83 1.31 0.00	20.45 1.11 0.00	19.55 1.07 0.00	20.14 1.15 0.00	21.39 1.34 0.00	21.98 1.23 0.00	26.50 1.78 0.00	32.99 2.65 -0.32	24.72 2.08 -0.22	24.07 1.92 -0.70	28.11 1.90 -5.27	22.59 1.73 -0.70	40.49 1.73 -17.79	42.44 1.64 -22.24
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.31 1.07 0.00	21.65 0.99 0.00	22.10 0.94 0.00	20.94 0.88 0.00	21.49 0.85 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.14 1.61 0.00	29.19 1.30 0.00	21.79 0.94 0.00	20.38 0.87 0.00	20.12 0.77 0.00	19.27 0.78 0.00	19.83 0.83 0.00	20.96 0.91 0.00	21.71 0.96 0.00	26.01 1.30 0.00	31.90 1.88 0.00	23.87 1.47 0.00	22.85 1.40 0.00	22.30 1.35 0.00	21.41 1.26 0.00	22.15 1.19 0.00	19.65 1.09 0.00
FORT ORANGE___ 23900	21.42 0.18 0.00	20.78 0.13 0.00	21.24 0.08 0.00	20.12 0.06 0.00	20.69 0.05 0.00	22.20 0.05 0.00	27.78 0.11 0.00	32.71 0.18 0.00	28.02 0.13 0.00	20.87 0.03 0.00	19.47 -0.05 0.00	19.24 -0.11 0.00	18.43 -0.06 0.00	18.91 -0.08 0.00	20.01 -0.04 0.00	20.82 0.07 0.00	24.97 0.26 0.00	30.56 0.54 0.00	22.84 0.43 0.00	21.84 0.39 0.00	21.32 0.38 0.00	20.48 0.33 0.00	21.23 0.27 0.00	18.88 0.32 0.00
FORT_DRUM_COGEN 23780	20.54 -0.70 0.00	20.10 -0.55 0.00	20.87 -0.28 0.00	19.86 -0.20 0.00	20.49 -0.15 0.00	21.95 -0.19 0.00	27.51 -0.17 0.00	32.53 0.00 0.00	28.07 0.17 0.00	20.74 -0.11 0.00	19.29 -0.23 0.00	18.95 -0.40 0.00	18.12 -0.36 0.00	18.64 -0.35 0.00	19.64 -0.41 0.00	20.70 -0.05 0.00	24.90 0.18 0.00	30.06 0.04 0.00	21.99 -0.41 0.00	20.83 -0.61 0.00	20.21 -0.74 0.00	19.31 -0.84 0.00	20.18 -0.78 0.00	17.71 -0.85 0.00
FOX_HILLS___ESR 323835	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.11 0.96 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.20 1.30 0.00	21.87 1.02 0.00	20.44 0.92 0.00	20.19 0.84 0.00	19.36 0.87 0.00	19.90 0.91 0.00	21.02 0.96 0.00	21.72 0.97 0.00	25.99 1.27 0.00	31.86 1.83 0.00	23.88 1.48 0.00	22.89 1.44 0.00	22.38 1.44 0.00	21.50 1.35 0.00	22.22 1.26 0.00	19.73 1.18 0.00
FPL_FAR_ROCK_GT1 24212	22.80 1.56 0.00	22.11 1.45 0.00	22.53 1.38 0.00	21.34 1.27 0.00	21.87 1.24 0.00	23.57 1.42 0.00	31.17 1.88 -1.61	34.99 2.34 -0.12	29.76 1.87 0.00	22.18 1.34 0.00	20.83 1.31 0.00	20.53 1.18 0.00	19.65 1.16 0.00	20.23 1.24 0.00	21.42 1.36 0.00	22.10 1.36 0.00	26.53 1.82 0.00	32.65 2.31 -0.32	24.65 2.02 -0.22	24.06 1.91 -0.70	28.08 1.87 -5.27	22.58 1.72 -0.70	40.45 1.69 -17.79	42.34 1.54 -22.24
FPL_FAR_ROCK_GT2 23815	22.80 1.56 0.00	22.11 1.45 0.00	22.53 1.38 0.00	21.34 1.27 0.00	21.87 1.24 0.00	23.57 1.42 0.00	31.17 1.88 -1.61	34.99 2.34 -0.12	29.76 1.87 0.00	22.18 1.34 0.00	20.83 1.31 0.00	20.53 1.18 0.00	19.65 1.16 0.00	20.23 1.24 0.00	21.42 1.36 0.00	22.10 1.36 0.00	26.53 1.82 0.00	32.65 2.31 -0.32	24.65 2.02 -0.22	24.06 1.91 -0.70	28.08 1.87 -5.27	22.58 1.72 -0.70	40.45 1.69 -17.79	42.34 1.54 -22.24

FRANKLIN_FALL_HYD 24054	21.58 0.34 0.00	20.95 0.29 0.00	21.53 0.38 0.00	20.38 0.31 0.00	21.03 0.39 0.00	22.65 0.50 0.00	28.46 0.78 0.00	33.62 1.09 0.00	28.85 0.95 0.00	21.51 0.67 0.00	20.13 0.61 0.00	19.98 0.63 0.00	19.06 0.57 0.00	19.65 0.65 0.00	20.73 0.68 0.00	21.25 0.50 0.00	25.03 0.32 0.00	30.06 0.04 0.00	22.31 -0.09 0.00	21.46 0.01 0.00	21.18 0.24 0.00	20.42 0.27 0.00	21.23 0.27 0.00	18.51 -0.05 0.00
FREEPORT_EQUS_GT1 23764	22.73 1.48 0.00	22.03 1.37 0.00	22.45 1.30 0.00	21.26 1.20 0.00	21.79 1.15 0.00	23.48 1.34 0.00	31.08 1.79 -1.61	34.86 2.21 -0.12	29.65 1.75 0.00	22.08 1.24 0.00	20.74 1.23 0.00	20.42 1.07 0.00	19.54 1.05 0.00	20.12 1.12 0.00	21.31 1.25 0.00	21.97 1.22 0.00	26.42 1.71 0.00	32.77 2.43 -0.32	24.55 1.92 -0.22	23.97 1.82 -0.70	28.00 1.79 -5.27	22.49 1.64 -0.70	40.36 1.61 -17.79	42.28 1.48 -22.24
FREEPORT___CT2 23818	22.73 1.48 0.00	22.03 1.37 0.00	22.45 1.30 0.00	21.26 1.20 0.00	21.79 1.15 0.00	23.48 1.34 0.00	31.08 1.79 -1.61	34.86 2.21 -0.12	29.65 1.75 0.00	22.08 1.24 0.00	20.74 1.23 0.00	20.42 1.07 0.00	19.54 1.05 0.00	20.12 1.12 0.00	21.31 1.25 0.00	21.97 1.22 0.00	26.42 1.71 0.00	32.77 2.43 -0.32	24.55 1.92 -0.22	23.97 1.82 -0.70	28.00 1.79 -5.27	22.49 1.64 -0.70	40.36 1.61 -17.79	42.28 1.48 -22.24
FRESHKLS_33_KV_LOAD 356253	22.45 1.20 0.00	21.75 1.09 0.00	22.19 1.04 0.00	21.02 0.96 0.00	21.54 0.90 0.00	23.15 1.00 0.00	28.99 1.32 0.00	34.22 1.69 0.00	29.22 1.33 0.00	21.88 1.04 0.00	20.43 0.91 0.00	20.18 0.83 0.00	19.35 0.86 0.00	19.89 0.90 0.00	21.02 0.96 0.00	21.71 0.96 0.00	25.99 1.27 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.90 1.45 0.00	22.41 1.46 0.00	21.52 1.37 0.00	22.25 1.29 0.00	19.76 1.20 0.00
FULTON COGEN____ 23766	20.70 -0.54 0.00	20.15 -0.51 0.00	20.64 -0.52 0.00	19.60 -0.46 0.00	20.17 -0.46 0.00	21.62 -0.52 0.00	27.01 -0.67 0.00	31.72 -0.81 0.00	27.23 -0.66 0.00	20.38 -0.47 0.00	19.09 -0.42 0.00	18.93 -0.42 0.00	18.06 -0.43 0.00	18.52 -0.48 0.00	19.53 -0.52 0.00	20.26 -0.49 0.00	24.15 -0.57 0.00	29.39 -0.63 0.00	21.88 -0.53 0.00	20.93 -0.52 0.00	20.41 -0.53 0.00	19.60 -0.55 0.00	20.43 -0.53 0.00	18.10 -0.46 0.00
FULTON___LFGE 323630	23.40 2.15 0.00	22.72 2.06 0.00	23.27 2.12 0.00	22.12 2.06 0.00	22.79 2.15 0.00	24.50 2.35 0.00	30.69 3.02 0.00	36.25 3.72 0.00	30.82 2.92 0.00	22.30 1.45 0.00	20.55 1.03 0.00	20.23 0.88 0.00	19.44 0.95 0.00	19.88 0.89 0.00	21.28 1.23 0.00	22.62 1.87 0.00	27.68 2.96 0.00	33.66 3.64 0.00	24.98 2.58 0.00	23.83 2.39 0.00	23.28 2.34 0.00	22.29 2.13 0.00	23.12 2.16 0.00	20.35 1.79 0.00
G.F.CEMENT___DRP 24184	22.16 0.92 0.00	21.51 0.85 0.00	21.88 0.73 0.00	20.72 0.66 0.00	21.34 0.70 0.00	22.96 0.82 0.00	28.84 1.16 0.00	33.99 1.46 0.00	28.98 1.09 0.00	21.45 0.60 0.00	19.91 0.39 0.00	19.65 0.30 0.00	18.76 0.27 0.00	19.42 0.42 0.00	20.67 0.62 0.00	21.61 0.86 0.00	25.93 1.21 0.00	31.79 1.77 0.00	23.64 1.24 0.00	22.53 1.08 0.00	22.05 1.11 0.00	21.21 1.06 0.00	21.92 0.96 0.00	19.42 0.86 0.00
GARDENVILLE___LBMP 24039	20.34 -0.90 0.00	19.96 -0.70 0.00	20.61 -0.54 0.00	19.65 -0.42 0.00	20.21 -0.43 0.00	21.65 -0.49 0.00	26.97 -0.71 0.00	31.05 -1.48 0.00	27.06 -0.83 0.00	20.42 -0.43 0.00	19.23 -0.28 0.00	19.29 -0.06 0.00	18.31 -0.18 0.00	18.78 -0.22 0.00	19.71 -0.35 0.00	20.51 -0.24 0.00	24.05 -0.67 0.00	28.99 -1.04 0.00	21.33 -1.08 0.00	20.45 -1.00 0.00	19.90 -1.04 0.00	18.91 -1.25 0.00	19.75 -1.21 0.00	17.61 -0.95 0.00
GARDNVLA_35_KV_LD 355827	20.42 -0.83 0.00	20.03 -0.63 0.00	20.68 -0.47 0.00	19.72 -0.35 0.00	20.27 -0.36 0.00	21.73 -0.41 0.00	27.07 -0.60 0.00	31.17 -1.36 0.00	27.15 -0.74 0.00	20.50 -0.34 0.00	19.33 -0.19 0.00	19.39 0.04 0.00	18.40 -0.09 0.00	18.87 -0.12 0.00	19.81 -0.25 0.00	20.63 -0.12 0.00	24.19 -0.53 0.00	29.17 -0.85 0.00	21.46 -0.94 0.00	20.57 -0.87 0.00	20.02 -0.92 0.00	19.01 -1.14 0.00	19.85 -1.11 0.00	17.68 -0.87 0.00
GELCKHM___115KV_LOAD 80723	20.96 -0.28 0.00	20.41 -0.25 0.00	20.92 -0.23 0.00	19.87 -0.20 0.00	20.43 -0.20 0.00	21.93 -0.21 0.00	27.42 -0.26 0.00	32.18 -0.35 0.00	27.62 -0.28 0.00	20.68 -0.17 0.00	19.38 -0.14 0.00	19.23 -0.12 0.00	18.32 -0.16 0.00	18.80 -0.20 0.00	19.83 -0.23 0.00	20.59 -0.16 0.00	24.49 -0.22 0.00	29.79 -0.23 0.00	22.19 -0.22 0.00	21.21 -0.24 0.00	20.69 -0.25 0.00	19.87 -0.29 0.00	20.70 -0.26 0.00	18.33 -0.23 0.00
GENERAL___MILLS 23808	20.40 -0.84 0.00	20.02 -0.64 0.00	20.67 -0.48 0.00	19.70 -0.36 0.00	20.26 -0.38 0.00	21.71 -0.43 0.00	27.05 -0.63 0.00	31.15 -1.38 0.00	27.13 -0.76 0.00	20.49 -0.36 0.00	19.30 -0.21 0.00	19.36 0.02 0.00	18.38 -0.11 0.00	18.85 -0.15 0.00	19.78 -0.27 0.00	20.59 -0.16 0.00	24.15 -0.57 0.00	29.12 -0.91 0.00	21.43 -0.98 0.00	20.54 -0.90 0.00	19.99 -0.95 0.00	18.99 -1.16 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
GE_PLASTICS___DRP 24183	21.42 0.18 0.00	20.80 0.14 0.00	21.25 0.10 0.00	20.15 0.08 0.00	20.70 0.06 0.00	22.22 0.07 0.00	27.80 0.13 0.00	32.72 0.19 0.00	28.03 0.14 0.00	20.90 0.05 0.00	19.53 0.01 0.00	19.30 -0.04 0.00	18.48 0.00 0.00	18.98 -0.01 0.00	20.08 0.02 0.00	20.84 0.09 0.00	24.94 0.23 0.00	30.51 0.49 0.00	22.80 0.39 0.00	21.80 0.35 0.00	21.29 0.34 0.00	20.45 0.30 0.00	21.21 0.25 0.00	18.85 0.30 0.00
GILBOA___1 23756	21.58 0.33 0.00	20.96 0.30 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.89 0.25 0.00	22.43 0.28 0.00	28.06 0.38 0.00	33.03 0.50 0.00	28.26 0.36 0.00	21.10 0.26 0.00	19.76 0.24 0.00	19.54 0.19 0.00	18.69 0.20 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.04 0.29 0.00	25.14 0.42 0.00	30.72 0.70 0.00	22.95 0.55 0.00	21.96 0.51 0.00	21.43 0.49 0.00	20.59 0.45 0.00	21.37 0.41 0.00	18.95 0.39 0.00
GILBOA___2 23757	21.58 0.33 0.00	20.96 0.30 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.89 0.25 0.00	22.43 0.28 0.00	28.06 0.38 0.00	33.03 0.50 0.00	28.26 0.36 0.00	21.10 0.26 0.00	19.76 0.24 0.00	19.54 0.19 0.00	18.69 0.20 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.04 0.29 0.00	25.14 0.42 0.00	30.72 0.70 0.00	22.95 0.55 0.00	21.96 0.51 0.00	21.43 0.49 0.00	20.59 0.45 0.00	21.37 0.41 0.00	18.95 0.39 0.00
GILBOA___3 23758	21.58 0.33 0.00	20.96 0.30 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.89 0.25 0.00	22.43 0.28 0.00	28.06 0.38 0.00	33.03 0.50 0.00	28.26 0.36 0.00	21.10 0.26 0.00	19.76 0.24 0.00	19.54 0.19 0.00	18.69 0.20 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.04 0.29 0.00	25.14 0.42 0.00	30.72 0.70 0.00	22.95 0.55 0.00	21.96 0.51 0.00	21.43 0.49 0.00	20.59 0.45 0.00	21.37 0.41 0.00	18.95 0.39 0.00

GILBOA___4 23759	21.58 0.33 0.00	20.96 0.30 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.89 0.25 0.00	22.43 0.28 0.00	28.06 0.38 0.00	33.03 0.50 0.00	28.26 0.36 0.00	21.10 0.26 0.00	19.76 0.24 0.00	19.54 0.19 0.00	18.69 0.20 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.04 0.29 0.00	25.14 0.42 0.00	30.72 0.70 0.00	22.95 0.55 0.00	21.96 0.51 0.00	21.43 0.49 0.00	20.59 0.45 0.00	21.37 0.41 0.00	18.95 0.39 0.00
GILBOA____ 23599	21.58 0.33 0.00	20.96 0.30 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.89 0.25 0.00	22.43 0.28 0.00	28.06 0.38 0.00	33.03 0.50 0.00	28.26 0.36 0.00	21.11 0.26 0.00	19.76 0.24 0.00	19.54 0.19 0.00	18.69 0.20 0.00	19.21 0.22 0.00	20.31 0.25 0.00	21.04 0.29 0.00	25.14 0.42 0.00	30.73 0.70 0.00	22.95 0.54 0.00	21.96 0.51 0.00	21.43 0.49 0.00	20.59 0.44 0.00	21.37 0.41 0.00	18.95 0.39 0.00
GINNA____ 23603	19.73 -1.51 0.00	19.25 -1.41 0.00	19.78 -1.37 0.00	18.81 -1.26 0.00	19.35 -1.29 0.00	20.36 -1.40 0.38	25.91 -1.77 0.00	29.38 -2.35 0.81	24.63 -1.80 1.46	19.19 -1.26 0.40	18.19 -1.14 0.19	18.32 -1.03 0.00	17.44 -1.05 0.00	17.91 -1.09 0.00	18.88 -1.17 0.00	19.65 -1.10 0.00	23.27 -1.45 0.00	28.19 -1.83 0.00	20.88 -1.53 0.00	19.99 -1.46 0.00	19.49 -1.45 0.00	18.61 -1.55 0.00	19.41 -1.55 0.00	17.22 -1.34 0.00
GLEN PARK____ 23778	20.58 -0.67 0.00	20.13 -0.53 0.00	20.88 -0.27 0.00	19.87 -0.19 0.00	20.49 -0.14 0.00	21.97 -0.17 0.00	27.55 -0.12 0.00	32.59 0.06 0.00	28.11 0.22 0.00	20.74 -0.10 0.00	19.29 -0.23 0.00	18.92 -0.43 0.00	18.09 -0.40 0.00	18.61 -0.39 0.00	19.60 -0.45 0.00	20.72 -0.03 0.00	24.97 0.25 0.00	30.19 0.16 0.00	22.09 -0.32 0.00	20.92 -0.53 0.00	20.29 -0.65 0.00	19.39 -0.76 0.00	20.24 -0.71 0.00	17.75 -0.80 0.00
GLENDALE_27_KV_LOAD 356172	22.50 1.25 0.00	21.78 1.12 0.00	22.22 1.07 0.00	21.05 0.99 0.00	21.58 0.94 0.00	23.19 1.04 0.00	29.05 1.37 0.00	34.28 1.76 0.00	29.30 1.41 0.00	21.95 1.11 0.00	20.56 1.05 0.00	20.31 0.96 0.00	19.48 0.99 0.00	20.03 1.03 0.00	21.15 1.10 0.00	21.86 1.11 0.00	26.13 1.42 0.00	32.03 2.01 0.00	24.01 1.61 0.00	22.99 1.54 0.00	22.44 1.50 0.00	21.55 1.40 0.00	22.27 1.31 0.00	19.77 1.22 0.00
GLENWOOD_IC_1_G5 23712	22.69 1.44 0.00	22.00 1.34 0.00	22.42 1.27 0.00	21.24 1.17 0.00	21.77 1.13 0.00	23.45 1.31 0.00	31.03 1.74 -1.61	34.80 2.15 -0.12	29.61 1.72 0.00	22.08 1.23 0.00	20.72 1.20 0.00	20.42 1.08 0.00	19.55 1.06 0.00	20.13 1.13 0.00	21.31 1.25 0.00	21.97 1.22 0.00	26.38 1.66 0.00	32.58 2.23 -0.32	24.42 1.79 -0.22	23.84 1.69 -0.70	27.95 1.74 -5.27	22.46 1.60 -0.70	40.32 1.57 -17.79	42.23 1.43 -22.24
GLENWOOD_IC_2_G1 23688	22.63 1.38 0.00	21.94 1.28 0.00	22.36 1.21 0.00	21.18 1.11 0.00	21.71 1.07 0.00	23.39 1.24 0.00	30.94 1.65 -1.61	34.69 2.04 -0.12	29.51 1.62 0.00	22.01 1.16 0.00	20.65 1.14 0.00	20.36 1.01 0.00	19.49 1.00 0.00	20.07 1.07 0.00	21.24 1.18 0.00	21.91 1.16 0.00	26.30 1.58 0.00	32.55 2.21 -0.32	24.40 1.77 -0.22	23.82 1.67 -0.70	27.88 1.66 -5.27	22.38 1.53 -0.70	40.25 1.49 -17.79	42.17 1.37 -22.24
GLENWOOD_IC_3_G1 23689	22.63 1.38 0.00	21.94 1.28 0.00	22.36 1.21 0.00	21.18 1.11 0.00	21.71 1.07 0.00	23.39 1.24 0.00	30.94 1.65 -1.61	34.69 2.04 -0.12	29.51 1.62 0.00	22.01 1.16 0.00	20.65 1.14 0.00	20.36 1.01 0.00	19.49 1.00 0.00	20.07 1.07 0.00	21.24 1.18 0.00	21.91 1.16 0.00	26.30 1.58 0.00	32.55 2.21 -0.32	24.40 1.77 -0.22	23.82 1.67 -0.70	27.88 1.66 -5.27	22.38 1.53 -0.70	40.25 1.49 -17.79	42.17 1.37 -22.24
GLENWOOD___4 23550	22.69 1.44 0.00	22.00 1.34 0.00	22.42 1.27 0.00	21.24 1.17 0.00	21.77 1.13 0.00	23.45 1.31 0.00	31.03 1.74 -1.61	34.80 2.15 -0.12	29.61 1.72 0.00	22.08 1.23 0.00	20.72 1.20 0.00	20.42 1.08 0.00	19.55 1.06 0.00	20.13 1.13 0.00	21.31 1.25 0.00	21.97 1.22 0.00	26.39 1.67 0.00	32.61 2.27 -0.32	24.45 1.81 -0.22	23.86 1.72 -0.70	27.95 1.74 -5.27	22.46 1.60 -0.70	40.32 1.57 -17.79	42.23 1.43 -22.24
GLENWOOD___5 23614	22.69 1.44 0.00	22.00 1.34 0.00	22.42 1.27 0.00	21.24 1.17 0.00	21.77 1.13 0.00	23.45 1.31 0.00	31.03 1.74 -1.61	34.80 2.15 -0.12	29.61 1.72 0.00	22.08 1.23 0.00	20.72 1.20 0.00	20.42 1.08 0.00	19.55 1.06 0.00	20.13 1.13 0.00	21.31 1.25 0.00	21.97 1.22 0.00	26.39 1.67 0.00	32.61 2.27 -0.32	24.45 1.81 -0.22	23.86 1.72 -0.70	27.95 1.74 -5.27	22.46 1.60 -0.70	40.32 1.57 -17.79	42.23 1.43 -22.24
GLOBAL GREEN_PORT_GT1 23814	23.43 2.19 0.00	22.79 2.13 0.00	23.21 2.06 0.00	22.04 1.98 0.00	22.60 1.96 0.00	24.42 2.28 0.00	32.27 2.98 -1.61	36.21 3.56 -0.12	30.61 2.72 0.00	22.53 1.68 0.00	21.21 1.69 0.00	20.78 1.43 0.00	19.84 1.35 0.00	20.45 1.45 0.00	21.76 1.71 0.00	22.33 1.58 0.00	27.04 2.33 0.00	33.87 3.53 -0.32	25.34 2.71 -0.22	24.63 2.48 -0.70	28.61 2.40 -5.27	23.05 2.19 -0.70	41.00 2.24 -17.79	42.95 2.15 -22.24
GLOBE___DSASP 323697	19.70 -1.55 0.00	19.32 -1.34 0.00	19.94 -1.22 0.00	18.99 -1.08 0.00	19.50 -1.14 0.00	20.91 -1.23 0.00	25.98 -1.70 0.00	29.88 -2.65 0.00	26.15 -1.75 0.00	19.69 -1.16 0.00	18.44 -1.08 0.00	18.43 -0.92 0.00	17.48 -1.01 0.00	17.95 -1.04 0.00	18.87 -1.19 0.00	19.69 -1.06 0.00	23.07 -1.64 0.00	27.81 -2.22 0.00	20.45 -1.96 0.00	19.63 -1.81 0.00	19.15 -1.79 0.00	18.19 -1.97 0.00	19.17 -1.79 0.00	17.12 -1.44 0.00
GOETHSLN___LBMP 323567	22.21 0.96 0.00	21.52 0.87 0.00	21.97 0.82 0.00	20.83 0.76 0.00	21.34 0.70 0.00	22.93 0.78 0.00	28.71 1.03 0.00	33.87 1.34 0.00	28.93 1.04 0.00	21.67 0.82 0.00	20.29 0.78 0.00	20.05 0.71 0.00	19.24 0.75 0.00	19.77 0.78 0.00	20.87 0.81 0.00	21.57 0.82 0.00	25.78 1.07 0.00	31.61 1.59 0.00	23.69 1.29 0.00	22.67 1.23 0.00	22.13 1.19 0.00	21.27 1.11 0.00	21.98 1.02 0.00	19.53 0.97 0.00
GOLAH___69_KV_TB 1_2 80279	20.69 -0.55 0.00	20.22 -0.43 0.00	20.80 -0.35 0.00	19.78 -0.28 0.00	20.34 -0.30 0.00	21.79 -0.35 0.00	27.19 -0.49 0.00	31.55 -0.98 0.00	27.38 -0.51 0.00	20.59 -0.25 0.00	19.33 -0.19 0.00	19.30 -0.04 0.00	18.33 -0.16 0.00	18.83 -0.16 0.00	19.85 -0.20 0.00	20.66 -0.09 0.00	24.39 -0.33 0.00	29.55 -0.47 0.00	21.85 -0.56 0.00	20.94 -0.51 0.00	20.41 -0.53 0.00	19.45 -0.71 0.00	20.31 -0.65 0.00	18.04 -0.52 0.00
GOODYEAR_LAKE_HYD 323669	21.98 0.74 0.00	21.37 0.71 0.00	21.88 0.72 0.00	20.78 0.72 0.00	21.41 0.77 0.00	23.03 0.88 0.00	28.84 1.17 0.00	33.97 1.44 0.00	29.14 1.24 0.00	21.80 0.95 0.00	20.44 0.92 0.00	20.24 0.90 0.00	19.31 0.83 0.00	19.82 0.82 0.00	20.90 0.84 0.00	21.65 0.90 0.00	25.79 1.08 0.00	31.36 1.34 0.00	23.32 0.91 0.00	22.28 0.84 0.00	21.74 0.80 0.00	20.86 0.71 0.00	21.64 0.68 0.00	19.14 0.58 0.00

GOUDEY___1 345031	21.08 -0.17 0.00	20.52 -0.14 0.00	21.06 -0.09 0.00	20.02 -0.04 0.00	20.63 -0.01 0.00	22.16 0.01 0.00	27.74 0.06 0.00	32.53 0.00 0.00	27.90 0.01 0.00	20.95 0.10 0.00	19.65 0.13 0.00	19.50 0.15 0.00	18.62 0.14 0.00	19.06 0.06 0.00	20.10 0.04 0.00	20.82 0.07 0.00	24.74 0.02 0.00	30.07 0.05 0.00	22.38 -0.02 0.00	21.42 -0.03 0.00	20.88 -0.06 0.00	20.03 -0.12 0.00	20.79 -0.17 0.00	18.41 -0.14 0.00
GOUDEY___7 23579	21.10 -0.15 0.00	20.54 -0.12 0.00	21.08 -0.07 0.00	20.04 -0.03 0.00	20.65 0.01 0.00	22.18 0.04 0.00	27.77 0.09 0.00	32.56 0.03 0.00	27.93 0.04 0.00	20.97 0.12 0.00	19.67 0.15 0.00	19.52 0.17 0.00	18.64 0.15 0.00	19.08 0.08 0.00	20.12 0.06 0.00	20.84 0.09 0.00	24.76 0.04 0.00	30.10 0.08 0.00	22.41 0.00 0.00	21.44 -0.01 0.00	20.90 -0.04 0.00	20.05 -0.10 0.00	20.81 -0.15 0.00	18.43 -0.13 0.00
GOUDEY___8 23580	21.08 -0.17 0.00	20.52 -0.14 0.00	21.06 -0.09 0.00	20.02 -0.04 0.00	20.63 -0.01 0.00	22.16 0.01 0.00	27.74 0.06 0.00	32.53 0.00 0.00	27.90 0.01 0.00	20.95 0.10 0.00	19.65 0.13 0.00	19.50 0.15 0.00	18.62 0.14 0.00	19.06 0.06 0.00	20.10 0.04 0.00	20.82 0.07 0.00	24.74 0.02 0.00	30.07 0.05 0.00	22.38 -0.02 0.00	21.42 -0.03 0.00	20.88 -0.06 0.00	20.03 -0.12 0.00	20.79 -0.17 0.00	18.41 -0.14 0.00
GOWANUS_GT1_1 24077	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_2 24078	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_3 24079	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_4 24080	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_5 24084	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_6 24111	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_7 24112	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT1_8 24113	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT2_1 24114	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_2 24115	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_3 24116	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_4 24117	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00

GOWANUS_GT2_5 24118	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_6 24119	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_7 24120	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT2_8 24121	22.41 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.15 1.63 0.00	29.19 1.30 0.00	21.86 1.02 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.87 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT3_1 24122	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_2 24123	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_3 24124	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_4 24125	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_5 24126	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_6 24127	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_7 24128	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT3_8 24129	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GOWANUS_GT4_1 24130	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_2 24131	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_3 24132	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00

GOWANUS_GT4_4 24133	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_5 24134	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_6 24135	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_7 24136	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GOWANUS_GT4_8 24137	22.42 1.17 0.00	21.71 1.05 0.00	22.15 1.00 0.00	20.98 0.92 0.00	21.50 0.86 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.16 1.63 0.00	29.19 1.30 0.00	21.87 1.02 0.00	20.45 0.93 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.92 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.01 1.29 0.00	31.88 1.86 0.00	23.90 1.50 0.00	22.91 1.46 0.00	22.37 1.43 0.00	21.49 1.34 0.00	22.21 1.25 0.00	19.73 1.17 0.00
GREENBSH_115KV_TB3 55895	21.29 0.04 0.00	20.66 0.00 0.00	21.10 -0.05 0.00	20.00 -0.06 0.00	20.56 -0.08 0.00	22.06 -0.09 0.00	27.60 -0.07 0.00	32.49 -0.04 0.00	27.84 -0.06 0.00	20.77 -0.08 0.00	19.37 -0.14 0.00	19.14 -0.20 0.00	18.35 -0.14 0.00	18.84 -0.16 0.00	19.93 -0.13 0.00	20.70 -0.05 0.00	24.80 0.08 0.00	30.35 0.33 0.00	22.69 0.28 0.00	21.69 0.24 0.00	21.18 0.24 0.00	20.35 0.20 0.00	21.10 0.14 0.00	18.77 0.21 0.00
GREENDGE_115KV_TB5 80291	20.97 -0.27 0.00	20.39 -0.27 0.00	21.03 -0.13 0.00	20.05 -0.01 0.00	20.73 0.09 0.00	22.32 0.18 0.00	27.99 0.32 0.00	32.71 0.18 0.00	28.15 0.26 0.00	21.19 0.35 0.00	19.83 0.32 0.00	19.62 0.27 0.00	18.67 0.19 0.00	19.10 0.10 0.00	20.17 0.11 0.00	20.95 0.20 0.00	24.74 0.02 0.00	29.82 -0.20 0.00	22.30 -0.11 0.00	21.32 -0.12 0.00	20.73 -0.22 0.00	19.81 -0.34 0.00	20.56 -0.40 0.00	18.31 -0.25 0.00
GREENIDGE___3 23582	20.97 -0.27 0.00	20.39 -0.27 0.00	21.03 -0.13 0.00	20.05 -0.01 0.00	20.73 0.09 0.00	22.32 0.18 0.00	27.99 0.32 0.00	32.71 0.18 0.00	28.15 0.26 0.00	21.19 0.35 0.00	19.83 0.32 0.00	19.62 0.27 0.00	18.67 0.19 0.00	19.10 0.10 0.00	20.17 0.11 0.00	20.95 0.20 0.00	24.74 0.02 0.00	29.82 -0.20 0.00	22.30 -0.11 0.00	21.32 -0.12 0.00	20.73 -0.22 0.00	19.81 -0.34 0.00	20.56 -0.40 0.00	18.31 -0.25 0.00
GREENIDGE___4 23583	20.98 -0.27 0.00	20.39 -0.27 0.00	21.03 -0.13 0.00	20.05 -0.01 0.00	20.73 0.09 0.00	22.83 0.18 -0.51	27.99 0.32 0.00	33.77 0.18 -1.06	30.07 0.26 -1.92	21.71 0.35 -0.52	20.09 0.32 -0.25	19.62 0.27 0.00	18.67 0.19 0.00	19.10 0.10 0.00	20.17 0.11 0.00	20.95 0.20 0.00	24.74 0.02 0.00	29.82 -0.20 0.00	22.30 -0.11 0.00	21.32 -0.12 0.00	20.72 -0.22 0.00	19.81 -0.35 0.00	20.56 -0.40 0.00	18.31 -0.25 0.00
GREENLWN_69_KV_BK 3 55738	22.65 1.40 0.00	21.98 1.32 0.00	22.41 1.25 0.00	21.21 1.14 0.00	21.72 1.09 0.00	23.43 1.28 0.00	30.99 1.70 -1.61	34.71 2.06 -0.12	29.54 1.65 0.00	21.99 1.14 0.00	20.68 1.17 0.00	20.35 1.00 0.00	19.46 0.97 0.00	20.04 1.05 0.00	21.24 1.19 0.00	21.83 1.08 0.00	26.19 1.48 0.00	32.51 2.16 -0.32	24.35 1.72 -0.22	23.77 1.62 -0.70	27.82 1.61 -5.27	22.33 1.48 -0.70	40.22 1.47 -17.79	42.19 1.40 -22.24
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
GRISSOM___SOLAR 323813	23.40 2.15 0.00	22.72 2.06 0.00	23.27 2.12 0.00	22.12 2.06 0.00	22.79 2.15 0.00	24.50 2.35 0.00	30.69 3.02 0.00	36.25 3.72 0.00	30.82 2.92 0.00	22.30 1.45 0.00	20.55 1.03 0.00	20.23 0.88 0.00	19.44 0.95 0.00	19.88 0.89 0.00	21.28 1.23 0.00	22.62 1.87 0.00	27.68 2.96 0.00	33.66 3.64 0.00	24.98 2.58 0.00	23.83 2.39 0.00	23.28 2.34 0.00	22.29 2.13 0.00	23.12 2.16 0.00	20.35 1.79 0.00
GROVEVILLE___HYD 323602	22.31 1.07 0.00	21.65 0.99 0.00	22.10 0.94 0.00	20.94 0.88 0.00	21.49 0.85 0.00	23.11 0.96 0.00	28.95 1.27 0.00	34.14 1.61 0.00	29.19 1.30 0.00	21.79 0.94 0.00	20.38 0.87 0.00	20.12 0.77 0.00	19.27 0.78 0.00	19.83 0.83 0.00	20.96 0.91 0.00	21.71 0.96 0.00	26.01 1.30 0.00	31.90 1.88 0.00	23.87 1.47 0.00	22.85 1.40 0.00	22.30 1.35 0.00	21.41 1.26 0.00	22.15 1.19 0.00	19.65 1.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	21.32 0.07 0.00	20.79 0.13 0.00	21.34 0.18 0.00	20.27 0.20 0.00	20.83 0.19 0.00	22.41 0.27 0.00	28.04 0.36 0.00	32.92 0.39 0.00	28.26 0.37 0.00	21.15 0.31 0.00	19.83 0.32 0.00	19.70 0.36 0.00	18.71 0.22 0.00	19.21 0.21 0.00	20.28 0.22 0.00	21.12 0.37 0.00	25.06 0.34 0.00	30.45 0.43 0.00	22.69 0.28 0.00	21.67 0.22 0.00	21.11 0.17 0.00	20.25 0.10 0.00	21.08 0.12 0.00	18.67 0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.68 0.00	20.73 -0.72 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.34 -0.63 0.00	17.97 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	20.84 -0.40 0.00	20.20 -0.46 0.00	20.61 -0.54 0.00	19.59 -0.47 0.00	20.26 -0.38 0.00	21.75 -0.40 0.00	27.30 -0.38 0.00	32.36 -0.17 0.00	27.82 -0.07 0.00	20.61 -0.23 0.00	19.15 -0.36 0.00	18.90 -0.45 0.00	18.07 -0.42 0.00	18.59 -0.41 0.00	19.69 -0.37 0.00	20.48 -0.27 0.00	24.43 -0.28 0.00	29.74 -0.28 0.00	22.26 -0.14 0.00	21.28 -0.17 0.00	20.75 -0.19 0.00	19.99 -0.16 0.00	20.65 -0.31 0.00	18.24 -0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.18 0.94 0.00	21.51 0.85 0.00	21.97 0.82 0.00	20.82 0.76 0.00	21.38 0.74 0.00	22.97 0.83 0.00	28.77 1.09 0.00	33.93 1.40 0.00	28.99 1.10 0.00	21.64 0.80 0.00	20.24 0.73 0.00	20.00 0.65 0.00	19.16 0.68 0.00	19.71 0.72 0.00	20.82 0.77 0.00	21.57 0.82 0.00	25.80 1.09 0.00	31.63 1.61 0.00	23.68 1.28 0.00	22.67 1.23 0.00	22.13 1.19 0.00	21.25 1.10 0.00	22.00 1.04 0.00	19.52 0.96 0.00
HARSNRAD_115KV_TB1 81005	20.10 -1.15 0.00	19.71 -0.95 0.00	20.36 -0.79 0.00	19.40 -0.67 0.00	19.92 -0.72 0.00	21.34 -0.81 0.00	26.55 -1.14 0.00	30.48 -2.05 0.00	26.65 -1.25 0.00	20.07 -0.77 0.00	18.89 -0.62 0.00	18.96 -0.39 0.00	17.97 -0.52 0.00	18.46 -0.53 0.00	19.37 -0.69 0.00	20.17 -0.58 0.00	23.65 -1.07 0.00	28.52 -1.50 0.00	20.98 -1.42 0.00	20.14 -1.31 0.00	19.62 -1.32 0.00	18.63 -1.53 0.00	19.52 -1.44 0.00	17.43 -1.13 0.00
HARZA MOOSE___RIVER 24016	21.11 -0.13 0.00	20.60 -0.06 0.00	21.28 0.12 0.00	20.22 0.16 0.00	20.84 0.20 0.00	22.33 0.19 0.00	28.01 0.33 0.00	33.00 0.47 0.00	28.42 0.53 0.00	21.13 0.28 0.00	19.68 0.16 0.00	19.41 0.07 0.00	18.55 0.06 0.00	19.09 0.10 0.00	20.17 0.11 0.00	21.04 0.29 0.00	25.17 0.45 0.00	30.43 0.41 0.00	22.41 0.00 0.00	21.33 -0.11 0.00	20.77 -0.17 0.00	19.89 -0.26 0.00	20.70 -0.26 0.00	18.27 -0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.90 -0.35 0.00	20.35 -0.31 0.00	20.84 -0.31 0.00	19.80 -0.27 0.00	20.37 -0.27 0.00	21.84 -0.30 0.00	27.31 -0.37 0.00	32.04 -0.49 0.00	27.52 -0.37 0.00	20.60 -0.24 0.00	19.30 -0.21 0.00	19.15 -0.20 0.00	18.26 -0.23 0.00	18.72 -0.27 0.00	19.76 -0.30 0.00	20.49 -0.26 0.00	24.40 -0.31 0.00	29.69 -0.33 0.00	22.11 -0.30 0.00	21.14 -0.30 0.00	20.63 -0.31 0.00	19.80 -0.35 0.00	20.63 -0.33 0.00	18.27 -0.28 0.00
HELLGATE_13_KV_LD 55870	22.43 1.18 0.00	21.72 1.06 0.00	22.17 1.02 0.00	21.00 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.04 0.00	20.49 0.97 0.00	20.25 0.90 0.00	19.41 0.92 0.00	19.96 0.96 0.00	21.08 1.02 0.00	21.78 1.03 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.91 1.46 0.00	22.36 1.42 0.00	21.47 1.32 0.00	22.20 1.24 0.00	19.72 1.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.43 1.18 0.00	21.72 1.06 0.00	22.17 1.02 0.00	21.00 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.22 1.32 0.00	21.88 1.04 0.00	20.49 0.97 0.00	20.25 0.90 0.00	19.41 0.92 0.00	19.96 0.96 0.00	21.08 1.02 0.00	21.78 1.03 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.91 1.46 0.00	22.36 1.42 0.00	21.47 1.32 0.00	22.20 1.24 0.00	19.72 1.16 0.00
HEMPSTEAD____ 23647	22.60 1.35 0.00	21.91 1.25 0.00	22.33 1.18 0.00	21.15 1.08 0.00	21.67 1.04 0.00	23.35 1.21 0.00	30.91 1.62 -1.61	34.67 2.02 -0.12	29.48 1.59 0.00	21.97 1.13 0.00	20.63 1.11 0.00	20.32 0.97 0.00	19.44 0.96 0.00	20.02 1.03 0.00	21.20 1.14 0.00	21.85 1.10 0.00	26.26 1.55 0.00	32.54 2.19 -0.32	24.38 1.75 -0.22	23.81 1.66 -0.70	27.85 1.64 -5.27	22.36 1.51 -0.70	40.22 1.47 -17.79	42.15 1.35 -22.24
HEWLETT__69_KV_BK3 55828	22.71 1.46 0.00	22.02 1.36 0.00	22.44 1.29 0.00	21.26 1.19 0.00	21.79 1.15 0.00	23.46 1.32 0.00	31.04 1.75 -1.61	34.84 2.18 -0.12	29.63 1.74 0.00	22.09 1.25 0.00	20.74 1.23 0.00	20.44 1.09 0.00	19.57 1.08 0.00	20.14 1.15 0.00	21.33 1.27 0.00	22.00 1.25 0.00	26.42 1.70 0.00	32.61 2.27 -0.32	24.54 1.91 -0.22	23.95 1.81 -0.70	27.98 1.77 -5.27	22.48 1.62 -0.70	40.36 1.60 -17.79	42.25 1.46 -22.24
HICKLING___1 23621	20.76 -0.48 0.00	20.22 -0.43 0.00	20.90 -0.25 0.00	19.97 -0.10 0.00	20.69 0.05 0.00	22.27 0.13 0.00	27.98 0.30 0.00	32.76 0.23 0.00	28.09 0.20 0.00	21.12 0.27 0.00	19.80 0.28 0.00	19.59 0.24 0.00	18.68 0.20 0.00	19.10 0.11 0.00	20.13 0.08 0.00	20.83 0.08 0.00	24.62 -0.09 0.00	29.79 -0.23 0.00	22.10 -0.31 0.00	21.08 -0.36 0.00	20.49 -0.45 0.00	19.60 -0.56 0.00	20.30 -0.66 0.00	18.00 -0.56 0.00
HICKLING___2 23622	20.76 -0.48 0.00	20.22 -0.43 0.00	20.90 -0.25 0.00	19.97 -0.10 0.00	20.69 0.05 0.00	22.27 0.13 0.00	27.98 0.30 0.00	32.76 0.23 0.00	28.09 0.20 0.00	21.12 0.27 0.00	19.80 0.28 0.00	19.59 0.24 0.00	18.68 0.20 0.00	19.10 0.11 0.00	20.13 0.08 0.00	20.83 0.08 0.00	24.62 -0.09 0.00	29.79 -0.23 0.00	22.10 -0.31 0.00	21.08 -0.36 0.00	20.49 -0.45 0.00	19.60 -0.56 0.00	20.30 -0.66 0.00	18.00 -0.56 0.00
HIGH FALLS___HY 23754	22.47 1.22 0.00	21.78 1.12 0.00	22.24 1.09 0.00	21.09 1.03 0.00	21.64 1.01 0.00	23.28 1.14 0.00	29.17 1.49 0.00	34.41 1.88 0.00	29.41 1.52 0.00	21.93 1.08 0.00	20.49 0.97 0.00	20.16 0.81 0.00	19.29 0.81 0.00	19.87 0.88 0.00	21.02 0.97 0.00	21.83 1.08 0.00	26.17 1.45 0.00	32.13 2.11 0.00	24.08 1.68 0.00	23.06 1.61 0.00	22.50 1.56 0.00	21.61 1.46 0.00	22.35 1.39 0.00	19.79 1.23 0.00
HILLBURN___GT 23639	22.15 0.91 0.00	21.48 0.82 0.00	21.94 0.78 0.00	20.80 0.74 0.00	21.34 0.70 0.00	22.93 0.79 0.00	28.73 1.05 0.00	33.87 1.34 0.00	28.93 1.04 0.00	21.60 0.76 0.00	20.22 0.70 0.00	19.98 0.63 0.00	19.15 0.66 0.00	19.69 0.70 0.00	20.79 0.73 0.00	21.50 0.75 0.00	25.72 1.00 0.00	31.54 1.52 0.00	23.62 1.21 0.00	22.62 1.17 0.00	22.08 1.14 0.00	21.21 1.05 0.00	21.96 1.00 0.00	19.49 0.93 0.00
HILLSIDE_115KV_TB1 80332	20.57 -0.68 0.00	20.05 -0.61 0.00	20.67 -0.49 0.00	19.69 -0.38 0.00	20.36 -0.28 0.00	21.89 -0.26 0.00	27.46 -0.22 0.00	32.13 -0.40 0.00	27.53 -0.36 0.00	20.72 -0.13 0.00	19.46 -0.06 0.00	19.30 -0.04 0.00	18.45 -0.04 0.00	18.85 -0.14 0.00	19.85 -0.21 0.00	20.53 -0.22 0.00	24.30 -0.41 0.00	29.44 -0.58 0.00	21.89 -0.52 0.00	20.94 -0.51 0.00	20.37 -0.57 0.00	19.53 -0.63 0.00	20.22 -0.73 0.00	17.93 -0.63 0.00

HISHELDN_WT_PWR 323625	20.09 -1.16 0.00	19.76 -0.90 0.00	20.45 -0.71 0.00	19.52 -0.54 0.00	20.09 -0.55 0.00	20.35 -0.62 1.18	26.81 -0.87 0.00	28.40 -1.65 2.48	22.38 -1.02 4.49	19.05 -0.58 1.22	18.55 -0.38 0.59	19.26 -0.08 0.00	18.30 -0.19 0.00	18.75 -0.25 0.00	19.68 -0.38 0.00	20.42 -0.33 0.00	23.93 -0.78 0.00	28.78 -1.24 0.00	21.15 -1.25 0.00	20.23 -1.22 0.00	19.60 -1.34 0.00	18.58 -1.57 0.00	19.35 -1.61 0.00	17.24 -1.32 0.00
HOLTSVILLE_IC_1 23690	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
HOLTSVILLE_IC_10 23699	22.92 1.68 0.00	22.26 1.60 0.00	22.68 1.52 0.00	21.50 1.43 0.00	22.03 1.39 0.00	23.78 1.64 0.00	31.47 2.18 -1.61	35.29 2.63 -0.12	29.89 2.00 0.00	22.12 1.27 0.00	20.84 1.32 0.00	20.45 1.10 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.39 1.34 0.00	21.97 1.22 0.00	26.49 1.77 0.00	33.01 2.67 -0.32	24.74 2.11 -0.22	24.09 1.94 -0.70	28.13 1.92 -5.27	22.61 1.75 -0.70	40.51 1.76 -17.79	42.49 1.69 -22.24
HOLTSVILLE_IC_2 23691	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
HOLTSVILLE_IC_3 23692	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
HOLTSVILLE_IC_4 23693	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
HOLTSVILLE_IC_5 23694	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
HOLTSVILLE_IC_6 23695	22.92 1.68 0.00	22.26 1.60 0.00	22.68 1.52 0.00	21.50 1.43 0.00	22.03 1.39 0.00	23.78 1.64 0.00	31.47 2.18 -1.61	35.29 2.63 -0.12	29.89 2.00 0.00	22.12 1.27 0.00	20.84 1.32 0.00	20.45 1.10 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.39 1.34 0.00	21.97 1.22 0.00	26.49 1.77 0.00	33.01 2.67 -0.32	24.74 2.11 -0.22	24.09 1.94 -0.70	28.13 1.92 -5.27	22.61 1.75 -0.70	40.51 1.76 -17.79	42.49 1.69 -22.24
HOLTSVILLE_IC_7 23696	22.92 1.68 0.00	22.26 1.60 0.00	22.68 1.52 0.00	21.50 1.43 0.00	22.03 1.39 0.00	23.78 1.64 0.00	31.47 2.18 -1.61	35.29 2.63 -0.12	29.89 2.00 0.00	22.12 1.27 0.00	20.84 1.32 0.00	20.45 1.10 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.39 1.34 0.00	21.97 1.22 0.00	26.49 1.77 0.00	33.01 2.67 -0.32	24.74 2.11 -0.22	24.09 1.94 -0.70	28.13 1.92 -5.27	22.61 1.75 -0.70	40.51 1.76 -17.79	42.49 1.69 -22.24
HOLTSVILLE_IC_8 23697	22.92 1.68 0.00	22.26 1.60 0.00	22.68 1.52 0.00	21.50 1.43 0.00	22.03 1.39 0.00	23.78 1.64 0.00	31.47 2.18 -1.61	35.29 2.63 -0.12	29.89 2.00 0.00	22.12 1.27 0.00	20.84 1.32 0.00	20.45 1.10 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.39 1.34 0.00	21.97 1.22 0.00	26.49 1.77 0.00	33.01 2.67 -0.32	24.74 2.11 -0.22	24.09 1.94 -0.70	28.13 1.92 -5.27	22.61 1.75 -0.70	40.51 1.76 -17.79	42.49 1.69 -22.24
HOLTSVILLE_IC_9 23698	22.92 1.68 0.00	22.26 1.60 0.00	22.68 1.52 0.00	21.50 1.43 0.00	22.03 1.39 0.00	23.78 1.64 0.00	31.47 2.18 -1.61	35.29 2.63 -0.12	29.89 2.00 0.00	22.12 1.27 0.00	20.84 1.32 0.00	20.45 1.10 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.39 1.34 0.00	21.97 1.22 0.00	26.49 1.77 0.00	33.01 2.67 -0.32	24.74 2.11 -0.22	24.09 1.94 -0.70	28.13 1.92 -5.27	22.61 1.75 -0.70	40.51 1.76 -17.79	42.49 1.69 -22.24
HOMER_HL_115KV_TB2 355744	21.14 -0.10 0.00	20.73 0.07 0.00	21.34 0.18 0.00	20.34 0.27 0.00	20.95 0.32 0.00	22.38 0.23 0.00	27.75 0.07 0.00	32.15 -0.38 0.00	27.92 0.03 0.00	21.17 0.32 0.00	20.02 0.51 0.00	20.05 0.70 0.00	19.07 0.59 0.00	19.54 0.55 0.00	20.54 0.48 0.00	21.26 0.51 0.00	24.81 0.09 0.00	29.98 -0.04 0.00	22.16 -0.24 0.00	21.29 -0.16 0.00	20.75 -0.19 0.00	19.78 -0.37 0.00	20.69 -0.27 0.00	18.43 -0.13 0.00
HOWARD_WT_PWR 323690	19.83 -1.42 0.00	19.26 -1.40 0.00	20.25 -0.90 0.00	19.73 -0.33 0.00	20.69 0.05 0.00	23.31 0.34 -0.82	28.47 0.79 0.00	35.08 0.83 -1.72	31.75 0.74 -3.11	22.32 0.62 -0.84	20.45 0.52 -0.41	19.68 0.33 0.00	18.73 0.24 0.00	19.16 0.16 0.00	20.15 0.09 0.00	20.78 0.03 0.00	24.25 -0.46 0.00	28.99 -1.03 0.00	21.21 -1.20 0.00	20.03 -1.42 0.00	19.27 -1.67 0.00	18.33 -1.82 0.00	18.97 -1.99 0.00	16.86 -1.70 0.00
HQ_GEN_CEDARS 23644	21.65 0.41 0.00	21.08 0.42 0.00	21.63 0.47 0.00	20.48 0.42 0.00	21.08 0.45 0.00	22.57 0.43 0.00	28.13 0.46 0.00	33.07 0.54 0.00	28.37 0.47 0.00	21.19 0.35 0.00	19.86 0.34 0.00	19.74 0.39 0.00	18.87 0.38 0.00	19.40 0.41 0.00	20.50 0.44 0.00	21.05 0.30 0.00	25.00 0.29 0.00	29.89 -0.13 0.00	22.33 -0.07 0.00	21.48 0.03 0.00	21.00 0.06 0.00	20.32 0.17 0.00	21.20 0.24 0.00	18.73 0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	21.65 0.40 0.00	21.08 0.42 0.00	21.63 0.48 0.00	20.48 0.42 0.00	21.08 0.45 0.00	22.57 0.43 0.00	28.13 0.46 0.00	33.07 0.54 0.00	28.37 0.47 0.00	21.20 0.35 0.00	19.86 0.34 0.00	19.74 0.39 0.00	18.87 0.38 0.00	19.40 0.41 0.00	20.50 0.44 0.00	21.05 0.30 0.00	25.01 0.29 0.00	29.89 -0.13 0.00	22.33 -0.07 0.00	21.48 0.03 0.00	21.00 0.06 0.00	20.32 0.17 0.00	21.20 0.24 0.00	18.73 0.17 0.00

HQ_GEN_IMPORT 323601	21.38 0.14 0.00	20.80 0.14 0.00	21.32 0.17 0.00	20.21 0.14 0.00	20.80 0.16 0.00	22.31 0.17 0.00	27.87 0.19 0.00	34.99 0.21 -2.25	28.08 0.19 0.00	20.99 0.15 0.00	19.67 0.15 0.00	19.53 0.18 0.00	18.67 0.18 0.00	19.19 0.20 0.00	20.26 0.20 0.00	20.87 0.12 0.00	24.81 0.10 0.00	29.95 -0.08 0.00	22.36 -0.04 0.00	21.44 -0.01 0.00	20.94 0.00 0.00	20.21 0.06 0.00	21.04 0.08 0.00	18.59 0.03 0.00
HQ_GEN_WHEEL 23651	21.38 0.14 0.00	20.80 0.14 0.00	21.32 0.17 0.00	20.21 0.14 0.00	20.80 0.16 0.00	22.31 0.17 0.00	27.87 0.19 0.00	34.99 0.21 -2.25	28.08 0.19 0.00	20.99 0.15 0.00	19.67 0.15 0.00	19.53 0.18 0.00	18.67 0.18 0.00	19.19 0.20 0.00	20.26 0.20 0.00	20.87 0.12 0.00	24.81 0.10 0.00	29.95 -0.08 0.00	22.36 -0.04 0.00	21.44 -0.01 0.00	20.94 0.00 0.00	20.21 0.06 0.00	21.04 0.08 0.00	18.59 0.03 0.00
HUDSON AVE_GT_3 23810	22.38 1.14 0.00	21.69 1.03 0.00	22.13 0.97 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.09 0.95 0.00	28.92 1.24 0.00	34.11 1.59 0.00	29.15 1.25 0.00	21.83 0.98 0.00	20.45 0.94 0.00	20.21 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.04 0.98 0.00	21.75 1.00 0.00	25.99 1.28 0.00	31.85 1.82 0.00	23.87 1.47 0.00	22.85 1.40 0.00	22.30 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.68 1.12 0.00
HUDSON AVE_GT_4 23540	22.38 1.14 0.00	21.69 1.03 0.00	22.13 0.97 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.09 0.95 0.00	28.92 1.24 0.00	34.11 1.59 0.00	29.15 1.25 0.00	21.83 0.98 0.00	20.45 0.94 0.00	20.21 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.04 0.98 0.00	21.75 1.00 0.00	25.99 1.28 0.00	31.85 1.82 0.00	23.87 1.47 0.00	22.85 1.40 0.00	22.30 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.68 1.12 0.00
HUDSON AVE_GT_5 23657	22.38 1.14 0.00	21.69 1.03 0.00	22.13 0.97 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.09 0.95 0.00	28.92 1.24 0.00	34.11 1.59 0.00	29.15 1.25 0.00	21.83 0.98 0.00	20.45 0.94 0.00	20.21 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.04 0.98 0.00	21.75 1.00 0.00	25.99 1.28 0.00	31.85 1.82 0.00	23.87 1.47 0.00	22.85 1.40 0.00	22.30 1.35 0.00	21.43 1.27 0.00	22.14 1.18 0.00	19.68 1.12 0.00
HUDSON_AVE_10 24168	22.37 1.12 0.00	21.66 1.01 0.00	22.11 0.96 0.00	20.95 0.88 0.00	21.47 0.83 0.00	23.07 0.92 0.00	28.87 1.19 0.00	34.06 1.53 0.00	29.11 1.22 0.00	21.80 0.95 0.00	20.41 0.90 0.00	20.17 0.83 0.00	19.35 0.87 0.00	19.89 0.90 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.93 1.21 0.00	31.75 1.73 0.00	23.81 1.40 0.00	22.79 1.34 0.00	22.24 1.30 0.00	21.38 1.22 0.00	22.07 1.11 0.00	19.63 1.07 0.00
HUDSON___115KV_TB 4 355613	21.74 0.50 0.00	21.09 0.43 0.00	21.55 0.40 0.00	20.42 0.36 0.00	21.01 0.37 0.00	22.54 0.39 0.00	28.24 0.56 0.00	33.25 0.72 0.00	28.51 0.61 0.00	21.18 0.33 0.00	19.70 0.19 0.00	19.49 0.14 0.00	18.62 0.13 0.00	19.08 0.09 0.00	20.23 0.17 0.00	21.10 0.35 0.00	25.41 0.69 0.00	31.10 1.09 0.00	23.22 0.82 0.00	22.20 0.75 0.00	21.66 0.72 0.00	20.78 0.63 0.00	21.53 0.57 0.00	19.12 0.56 0.00
HUNTER MOUNT___DRP 323613	21.83 0.59 0.00	21.19 0.53 0.00	21.64 0.49 0.00	20.51 0.45 0.00	21.10 0.46 0.00	22.64 0.50 0.00	28.38 0.70 0.00	33.41 0.88 0.00	28.67 0.77 0.00	21.25 0.41 0.00	19.74 0.23 0.00	19.54 0.19 0.00	18.64 0.16 0.00	19.11 0.12 0.00	20.28 0.22 0.00	21.21 0.46 0.00	25.58 0.86 0.00	31.33 1.30 0.00	23.37 0.96 0.00	22.32 0.87 0.00	21.77 0.83 0.00	20.88 0.73 0.00	21.63 0.67 0.00	19.19 0.64 0.00
HUNTINGTON_RES_REC 323705	22.74 1.50 0.00	22.07 1.41 0.00	22.49 1.34 0.00	21.29 1.23 0.00	21.81 1.17 0.00	23.54 1.39 0.00	31.14 1.85 -1.61	34.91 2.26 -0.12	29.66 1.77 0.00	22.03 1.18 0.00	20.73 1.21 0.00	20.37 1.02 0.00	19.47 0.98 0.00	20.06 1.07 0.00	21.29 1.24 0.00	21.88 1.13 0.00	26.31 1.59 0.00	32.71 2.37 -0.32	24.52 1.89 -0.22	23.90 1.75 -0.70	27.95 1.74 -5.27	22.44 1.58 -0.70	40.33 1.58 -17.79	42.30 1.50 -22.24
HUNTLEY___63 23557	20.24 -1.00 0.00	19.85 -0.81 0.00	20.49 -0.66 0.00	19.52 -0.54 0.00	20.06 -0.58 0.00	21.50 -0.64 0.00	26.76 -0.92 0.00	30.78 -1.75 0.00	26.90 -0.99 0.00	20.28 -0.57 0.00	19.04 -0.47 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.58 -0.42 0.00	19.51 -0.54 0.00	20.33 -0.42 0.00	23.84 -0.87 0.00	28.75 -1.27 0.00	21.15 -1.26 0.00	20.30 -1.15 0.00	19.77 -1.17 0.00	18.78 -1.37 0.00	19.69 -1.27 0.00	17.56 -0.99 0.00
HUNTLEY___64 23558	20.24 -1.00 0.00	19.85 -0.81 0.00	20.49 -0.66 0.00	19.52 -0.54 0.00	20.06 -0.58 0.00	21.50 -0.64 0.00	26.76 -0.92 0.00	30.78 -1.75 0.00	26.90 -0.99 0.00	20.28 -0.57 0.00	19.04 -0.47 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.58 -0.42 0.00	19.51 -0.54 0.00	20.33 -0.42 0.00	23.84 -0.87 0.00	28.75 -1.27 0.00	21.15 -1.26 0.00	20.30 -1.15 0.00	19.77 -1.17 0.00	18.78 -1.37 0.00	19.69 -1.27 0.00	17.56 -0.99 0.00
HUNTLEY___65 23559	20.24 -1.00 0.00	19.85 -0.81 0.00	20.49 -0.66 0.00	19.52 -0.54 0.00	20.06 -0.58 0.00	21.50 -0.64 0.00	26.76 -0.92 0.00	30.78 -1.75 0.00	26.90 -0.99 0.00	20.28 -0.57 0.00	19.04 -0.47 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.58 -0.42 0.00	19.51 -0.54 0.00	20.33 -0.42 0.00	23.84 -0.87 0.00	28.75 -1.27 0.00	21.15 -1.26 0.00	20.30 -1.15 0.00	19.77 -1.17 0.00	18.78 -1.37 0.00	19.69 -1.27 0.00	17.56 -0.99 0.00
HUNTLEY___66 23560	20.24 -1.00 0.00	19.85 -0.81 0.00	20.49 -0.66 0.00	19.52 -0.54 0.00	20.06 -0.58 0.00	21.50 -0.64 0.00	26.76 -0.92 0.00	30.78 -1.75 0.00	26.90 -0.99 0.00	20.28 -0.57 0.00	19.04 -0.47 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.58 -0.42 0.00	19.51 -0.54 0.00	20.33 -0.42 0.00	23.84 -0.87 0.00	28.75 -1.27 0.00	21.15 -1.26 0.00	20.30 -1.15 0.00	19.77 -1.17 0.00	18.78 -1.37 0.00	19.69 -1.27 0.00	17.56 -0.99 0.00
HUNTLEY___67 23561	20.12 -1.12 0.00	19.74 -0.92 0.00	20.37 -0.78 0.00	19.41 -0.66 0.00	19.95 -0.69 0.00	21.37 -0.78 0.00	26.61 -1.07 0.00	30.60 -1.92 0.00	26.68 -1.21 0.00	20.13 -0.71 0.00	18.96 -0.56 0.00	19.01 -0.34 0.00	18.03 -0.46 0.00	18.51 -0.49 0.00	19.43 -0.62 0.00	20.24 -0.50 0.00	23.73 -0.98 0.00	28.61 -1.41 0.00	21.05 -1.36 0.00	20.20 -1.25 0.00	19.68 -1.26 0.00	18.69 -1.46 0.00	19.57 -1.39 0.00	17.45 -1.11 0.00
HUNTLEY___68 23562	20.12 -1.12 0.00	19.74 -0.92 0.00	20.37 -0.78 0.00	19.41 -0.66 0.00	19.95 -0.69 0.00	21.37 -0.78 0.00	26.61 -1.07 0.00	30.60 -1.92 0.00	26.68 -1.21 0.00	20.13 -0.71 0.00	18.96 -0.56 0.00	19.01 -0.34 0.00	18.03 -0.46 0.00	18.51 -0.49 0.00	19.43 -0.62 0.00	20.24 -0.50 0.00	23.73 -0.98 0.00	28.61 -1.41 0.00	21.05 -1.36 0.00	20.20 -1.25 0.00	19.68 -1.26 0.00	18.69 -1.46 0.00	19.57 -1.39 0.00	17.45 -1.11 0.00

HYLAND___LFGE 323620	21.24 0.00 0.00	20.67 0.02 0.00	21.40 0.25 0.00	20.52 0.45 0.00	21.26 0.62 0.00	23.30 0.78 -0.38	28.84 1.16 0.00	34.52 1.20 -0.80	30.63 1.29 -1.45	22.04 0.80 -0.39	20.22 0.52 -0.19	19.59 0.24 0.00	18.56 0.08 0.00	19.15 0.15 0.00	20.39 0.33 0.00	21.25 0.51 0.00	25.17 0.46 0.00	30.70 0.68 0.00	22.68 0.27 0.00	21.62 0.17 0.00	20.98 0.04 0.00	19.91 -0.25 0.00	20.67 -0.29 0.00	18.30 -0.26 0.00
INDECK___CORINTH 23802	22.11 0.87 0.00	21.44 0.78 0.00	21.81 0.66 0.00	20.66 0.59 0.00	21.28 0.64 0.00	22.89 0.74 0.00	28.70 1.02 0.00	33.82 1.29 0.00	28.80 0.90 0.00	21.33 0.48 0.00	19.82 0.31 0.00	19.57 0.22 0.00	18.68 0.19 0.00	19.32 0.32 0.00	20.55 0.50 0.00	21.47 0.72 0.00	25.75 1.04 0.00	31.56 1.54 0.00	23.48 1.08 0.00	22.39 0.94 0.00	21.91 0.97 0.00	21.12 0.96 0.00	21.83 0.87 0.00	19.34 0.78 0.00
INDECK___ILION 23567	21.17 -0.08 0.00	20.55 -0.11 0.00	21.00 -0.15 0.00	19.92 -0.14 0.00	20.53 -0.11 0.00	22.04 -0.11 0.00	27.62 -0.06 0.00	32.57 0.04 0.00	27.93 0.04 0.00	20.76 -0.08 0.00	19.36 -0.16 0.00	19.13 -0.22 0.00	18.28 -0.20 0.00	18.80 -0.19 0.00	19.90 -0.16 0.00	20.69 -0.06 0.00	24.74 0.03 0.00	30.19 0.17 0.00	22.56 0.16 0.00	21.57 0.12 0.00	21.04 0.09 0.00	20.23 0.08 0.00	20.96 0.00 0.00	18.54 -0.02 0.00
INDECK___OLEAN 23982	21.14 -0.10 0.00	20.73 0.07 0.00	21.34 0.18 0.00	20.34 0.27 0.00	20.95 0.32 0.00	20.73 0.23 1.65	27.75 0.07 0.00	28.69 -0.38 3.46	21.66 0.04 6.27	19.47 0.33 1.70	19.21 0.51 0.82	20.05 0.70 0.00	19.07 0.58 0.00	19.54 0.54 0.00	20.54 0.49 0.00	21.26 0.51 0.00	24.82 0.10 0.00	29.98 -0.04 0.00	22.16 -0.24 0.00	21.29 -0.15 0.00	20.75 -0.19 0.00	19.78 -0.38 0.00	20.69 -0.27 0.00	18.43 -0.13 0.00
INDECK___OSWEGO 23783	20.61 -0.63 0.00	20.06 -0.60 0.00	20.56 -0.59 0.00	19.53 -0.53 0.00	20.10 -0.54 0.00	21.54 -0.60 0.00	26.90 -0.78 0.00	31.61 -0.92 0.00	27.14 -0.75 0.00	20.29 -0.55 0.00	19.01 -0.51 0.00	18.83 -0.51 0.00	17.97 -0.52 0.00	18.43 -0.56 0.00	19.44 -0.62 0.00	20.17 -0.57 0.00	24.03 -0.68 0.00	29.24 -0.78 0.00	21.76 -0.64 0.00	20.80 -0.64 0.00	20.30 -0.64 0.00	19.50 -0.66 0.00	20.34 -0.62 0.00	18.01 -0.55 0.00
INDECK___YERKES 23781	20.26 -0.98 0.00	19.87 -0.79 0.00	20.51 -0.65 0.00	19.54 -0.52 0.00	20.08 -0.56 0.00	20.43 -0.62 1.10	26.79 -0.89 0.00	28.51 -1.72 2.30	22.77 -0.95 4.17	19.17 -0.55 1.13	18.52 -0.45 0.54	19.09 -0.26 0.00	18.11 -0.38 0.00	18.59 -0.41 0.00	19.52 -0.53 0.00	20.34 -0.41 0.00	23.87 -0.84 0.00	28.77 -1.25 0.00	21.17 -1.24 0.00	20.31 -1.14 0.00	19.79 -1.15 0.00	18.79 -1.36 0.00	19.71 -1.25 0.00	17.58 -0.97 0.00
INDIAN POINT_GT_1 24139	22.16 0.91 0.00	21.48 0.83 0.00	21.93 0.77 0.00	20.79 0.72 0.00	21.32 0.69 0.00	22.92 0.77 0.00	28.70 1.03 0.00	33.84 1.31 0.00	28.92 1.02 0.00	21.60 0.76 0.00	20.23 0.71 0.00	19.98 0.63 0.00	19.15 0.66 0.00	19.70 0.70 0.00	20.80 0.74 0.00	21.51 0.76 0.00	25.74 1.02 0.00	31.56 1.54 0.00	23.64 1.24 0.00	22.63 1.18 0.00	22.10 1.15 0.00	21.22 1.07 0.00	21.96 1.00 0.00	19.50 0.94 0.00
INDIAN POINT_GT_2 23659	22.16 0.91 0.00	21.48 0.83 0.00	21.93 0.77 0.00	20.79 0.72 0.00	21.32 0.69 0.00	22.92 0.77 0.00	28.70 1.03 0.00	33.84 1.31 0.00	28.92 1.02 0.00	21.60 0.76 0.00	20.23 0.71 0.00	19.98 0.63 0.00	19.15 0.66 0.00	19.70 0.70 0.00	20.80 0.74 0.00	21.51 0.76 0.00	25.74 1.02 0.00	31.56 1.54 0.00	23.64 1.24 0.00	22.63 1.18 0.00	22.10 1.15 0.00	21.22 1.07 0.00	21.96 1.00 0.00	19.50 0.94 0.00
INDIAN POINT_GT_3 24019	22.16 0.91 0.00	21.48 0.83 0.00	21.93 0.77 0.00	20.79 0.72 0.00	21.32 0.69 0.00	22.92 0.77 0.00	28.70 1.03 0.00	33.84 1.31 0.00	28.92 1.02 0.00	21.60 0.76 0.00	20.23 0.71 0.00	19.98 0.63 0.00	19.15 0.66 0.00	19.70 0.70 0.00	20.80 0.74 0.00	21.51 0.76 0.00	25.74 1.02 0.00	31.56 1.54 0.00	23.64 1.24 0.00	22.63 1.18 0.00	22.10 1.15 0.00	21.22 1.07 0.00	21.96 1.00 0.00	19.50 0.94 0.00
INDIAN POINT___2 23530	22.14 0.90 0.00	21.47 0.81 0.00	21.92 0.76 0.00	20.78 0.71 0.00	21.31 0.67 0.00	22.91 0.76 0.00	28.68 1.00 0.00	33.83 1.30 0.00	28.89 1.00 0.00	21.58 0.74 0.00	20.20 0.69 0.00	19.96 0.61 0.00	19.13 0.64 0.00	19.67 0.68 0.00	20.78 0.72 0.00	21.49 0.74 0.00	25.71 0.99 0.00	31.51 1.49 0.00	23.61 1.20 0.00	22.60 1.15 0.00	22.06 1.12 0.00	21.19 1.04 0.00	21.94 0.98 0.00	19.48 0.92 0.00
INDIAN POINT___3 23531	22.14 0.90 0.00	21.46 0.81 0.00	21.92 0.76 0.00	20.77 0.71 0.00	21.31 0.67 0.00	22.90 0.76 0.00	28.68 1.00 0.00	33.82 1.29 0.00	28.89 1.00 0.00	21.58 0.74 0.00	20.21 0.69 0.00	19.96 0.61 0.00	19.13 0.64 0.00	19.68 0.68 0.00	20.78 0.72 0.00	21.49 0.74 0.00	25.71 1.00 0.00	31.52 1.50 0.00	23.61 1.21 0.00	22.60 1.16 0.00	22.07 1.12 0.00	21.20 1.04 0.00	21.94 0.98 0.00	19.48 0.92 0.00
INGHAM_C_115KV_TB7 356103	20.91 -0.34 0.00	20.25 -0.41 0.00	20.64 -0.52 0.00	19.58 -0.48 0.00	20.22 -0.42 0.00	21.72 -0.42 0.00	27.31 -0.37 0.00	32.34 -0.19 0.00	27.73 -0.16 0.00	20.50 -0.35 0.00	19.00 -0.51 0.00	18.72 -0.63 0.00	17.89 -0.60 0.00	18.41 -0.59 0.00	19.53 -0.52 0.00	20.41 -0.34 0.00	24.51 -0.20 0.00	30.01 -0.02 0.00	22.47 0.06 0.00	21.48 0.03 0.00	20.93 -0.01 0.00	20.14 -0.01 0.00	20.77 -0.19 0.00	18.37 -0.19 0.00
IP CORINTH___1 23988	22.11 0.87 0.00	21.44 0.78 0.00	21.81 0.66 0.00	20.66 0.59 0.00	21.28 0.64 0.00	22.89 0.74 0.00	28.71 1.03 0.00	33.83 1.30 0.00	28.79 0.90 0.00	21.33 0.48 0.00	19.82 0.31 0.00	19.57 0.22 0.00	18.68 0.19 0.00	19.32 0.32 0.00	20.55 0.50 0.00	21.47 0.72 0.00	25.75 1.04 0.00	31.56 1.54 0.00	23.48 1.08 0.00	22.39 0.94 0.00	21.91 0.97 0.00	21.12 0.97 0.00	21.83 0.87 0.00	19.34 0.78 0.00
IP___TICONDEROGA 23804	22.55 1.30 0.00	21.97 1.32 0.00	22.29 1.14 0.00	21.04 0.98 0.00	21.70 1.07 0.00	23.49 1.35 0.00	29.80 2.12 0.00	35.21 2.68 0.00	30.10 2.21 0.00	22.01 1.17 0.00	20.33 0.82 0.00	20.04 0.69 0.00	19.14 0.66 0.00	20.00 1.01 0.00	21.52 1.46 0.00	22.63 1.88 0.00	27.12 2.41 0.00	33.28 3.26 0.00	24.57 2.16 0.00	23.24 1.79 0.00	22.90 1.95 0.00	21.80 1.65 0.00	22.43 1.47 0.00	19.87 1.31 0.00
ISLIP_RES_REC 323679	23.01 1.77 0.00	22.35 1.69 0.00	22.76 1.60 0.00	21.57 1.50 0.00	22.11 1.47 0.00	23.87 1.73 0.00	31.60 2.31 -1.61	35.43 2.79 -0.12	30.01 2.12 0.00	22.20 1.36 0.00	20.91 1.40 0.00	20.52 1.17 0.00	19.60 1.12 0.00	20.20 1.20 0.00	21.46 1.41 0.00	22.05 1.30 0.00	26.61 1.89 0.00	33.17 2.83 -0.32	24.85 2.22 -0.22	24.20 2.05 -0.70	28.23 2.02 -5.27	22.70 1.84 -0.70	40.61 1.85 -17.79	42.56 1.76 -22.24

JAMAICA__27_KV_LOAD 355505	22.60 1.36 0.00	21.89 1.24 0.00	22.39 1.24 0.00	21.23 1.16 -0.01	21.75 1.11 0.00	23.36 1.22 0.00	29.23 1.55 0.00	34.48 1.95 0.00	29.50 1.60 -0.01	22.09 1.24 -0.01	20.62 1.10 0.00	20.40 1.05 0.00	19.58 1.09 0.00	20.10 1.10 0.00	21.20 1.14 0.00	21.91 1.17 0.00	26.17 1.46 0.00	32.02 2.00 0.00	24.03 1.63 0.00	23.02 1.57 0.00	22.45 1.52 0.00	21.59 1.44 0.00	22.23 1.26 0.00	19.82 1.26 0.00
JANIS__SOLAR 323808	21.88 0.64 0.00	21.27 0.61 0.00	21.81 0.66 0.00	20.74 0.67 0.00	21.43 0.79 0.00	23.40 0.98 -0.28	29.06 1.38 0.00	34.77 1.66 -0.59	30.45 1.49 -1.06	22.32 1.19 -0.29	20.72 1.07 -0.14	20.39 1.04 0.00	19.22 0.74 0.00	19.49 0.49 0.00	20.69 0.64 0.00	21.75 1.00 0.00	25.93 1.21 0.00	31.52 1.50 0.00	23.35 0.95 0.00	22.29 0.84 0.00	21.67 0.73 0.00	20.74 0.59 0.00	21.45 0.49 0.00	18.97 0.41 0.00
JARVIS____ 23743	21.25 0.01 0.00	20.66 0.00 0.00	21.14 -0.01 0.00	20.07 0.00 0.00	20.64 0.00 0.00	22.14 0.00 0.00	27.68 0.00 0.00	32.55 0.02 0.00	27.91 0.02 0.00	20.83 -0.01 0.00	19.49 -0.03 0.00	19.31 -0.04 0.00	18.46 -0.03 0.00	18.97 -0.02 0.00	20.04 -0.02 0.00	20.77 0.02 0.00	24.76 0.04 0.00	30.14 0.12 0.00	22.49 0.08 0.00	21.51 0.06 0.00	20.99 0.05 0.00	20.17 0.02 0.00	20.96 0.00 0.00	18.56 0.01 0.00
JENNISON____1 23625	21.66 0.42 0.00	20.94 0.28 0.00	21.51 0.36 0.00	20.49 0.42 0.00	21.20 0.56 0.00	22.99 0.85 0.00	28.96 1.28 0.00	34.07 1.54 0.00	29.20 1.31 0.00	22.00 1.16 0.00	20.66 1.14 0.00	20.48 1.13 0.00	19.40 0.91 0.00	19.83 0.83 0.00	20.95 0.89 0.00	21.80 1.05 0.00	25.78 1.06 0.00	31.25 1.23 0.00	22.93 0.53 0.00	21.89 0.45 0.00	21.26 0.32 0.00	20.38 0.23 0.00	21.04 0.08 0.00	18.59 0.03 0.00
JENNISON____2 23626	21.66 0.42 0.00	20.94 0.28 0.00	21.51 0.36 0.00	20.49 0.42 0.00	21.20 0.56 0.00	22.99 0.85 0.00	28.96 1.28 0.00	34.07 1.54 0.00	29.20 1.31 0.00	22.00 1.16 0.00	20.66 1.14 0.00	20.48 1.13 0.00	19.40 0.91 0.00	19.83 0.83 0.00	20.95 0.89 0.00	21.80 1.05 0.00	25.78 1.06 0.00	31.25 1.23 0.00	22.93 0.53 0.00	21.89 0.45 0.00	21.26 0.32 0.00	20.38 0.23 0.00	21.04 0.08 0.00	18.59 0.03 0.00
JERICOHO_RISE_WT_PWR 323719	21.31 0.07 0.00	20.68 0.02 0.00	21.25 0.10 0.00	20.12 0.05 0.00	20.78 0.14 0.00	22.45 0.30 0.00	28.30 0.62 0.00	33.42 0.89 0.00	28.63 0.74 0.00	21.36 0.51 0.00	19.99 0.48 0.00	19.85 0.50 0.00	18.94 0.45 0.00	19.54 0.55 0.00	20.60 0.54 0.00	21.07 0.32 0.00	24.74 0.02 0.00	29.70 -0.32 0.00	22.02 -0.39 0.00	21.18 -0.27 0.00	20.98 0.04 0.00	20.22 0.07 0.00	20.99 0.03 0.00	18.23 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	22.29 1.05 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.85 0.00	21.45 0.81 0.00	23.06 0.91 0.00	28.89 1.22 0.00	34.08 1.55 0.00	29.14 1.25 0.00	21.78 0.94 0.00	20.39 0.88 0.00	20.14 0.79 0.00	19.29 0.80 0.00	19.84 0.85 0.00	20.95 0.90 0.00	21.68 0.93 0.00	25.96 1.24 0.00	31.83 1.80 0.00	23.84 1.43 0.00	22.81 1.36 0.00	22.27 1.33 0.00	21.39 1.23 0.00	22.12 1.16 0.00	19.63 1.07 0.00
KCE_NY_1 323755	21.97 0.72 0.00	21.32 0.66 0.00	21.75 0.59 0.00	20.62 0.55 0.00	21.26 0.62 0.00	22.81 0.67 0.00	28.62 0.94 0.00	33.66 1.13 0.00	28.76 0.87 0.00	21.36 0.51 0.00	19.90 0.38 0.00	19.65 0.30 0.00	18.77 0.28 0.00	19.37 0.37 0.00	20.57 0.51 0.00	21.44 0.69 0.00	25.68 0.97 0.00	31.44 1.41 0.00	23.44 1.03 0.00	22.41 0.96 0.00	21.86 0.92 0.00	21.04 0.89 0.00	21.77 0.81 0.00	19.30 0.74 0.00
KCE_NY_6_ESR 323823	20.42 -0.83 0.00	20.03 -0.62 0.00	20.68 -0.47 0.00	19.72 -0.35 0.00	20.28 -0.36 0.00	20.48 -0.41 1.25	27.07 -0.61 0.00	28.55 -1.36 2.62	22.41 -0.73 4.76	19.21 -0.34 1.29	18.70 -0.19 0.62	19.38 0.03 0.00	18.39 -0.10 0.00	18.85 -0.14 0.00	19.80 -0.26 0.00	20.61 -0.14 0.00	24.17 -0.54 0.00	29.14 -0.88 0.00	21.44 -0.97 0.00	20.56 -0.89 0.00	20.01 -0.93 0.00	19.00 -1.15 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
KEDC_PORT_JEFF_GT2 24210	22.88 1.63 0.00	22.22 1.56 0.00	22.63 1.48 0.00	21.45 1.38 0.00	21.98 1.34 0.00	23.74 1.59 0.00	31.40 2.11 -1.61	35.21 2.56 -0.12	29.83 1.94 0.00	22.09 1.24 0.00	20.81 1.29 0.00	20.43 1.08 0.00	19.52 1.03 0.00	20.11 1.12 0.00	21.37 1.31 0.00	21.94 1.19 0.00	26.46 1.74 0.00	32.95 2.61 -0.32	24.69 2.06 -0.22	24.05 1.90 -0.70	28.09 1.88 -5.27	22.57 1.71 -0.70	40.48 1.72 -17.79	42.45 1.65 -22.24
KEDC_PORT_JEFF_GT3 24211	22.88 1.63 0.00	22.22 1.56 0.00	22.63 1.48 0.00	21.45 1.38 0.00	21.98 1.34 0.00	23.74 1.59 0.00	31.40 2.11 -1.61	35.21 2.56 -0.12	29.83 1.94 0.00	22.09 1.24 0.00	20.81 1.29 0.00	20.43 1.08 0.00	19.52 1.03 0.00	20.11 1.12 0.00	21.37 1.31 0.00	21.94 1.19 0.00	26.46 1.74 0.00	32.95 2.61 -0.32	24.69 2.06 -0.22	24.05 1.90 -0.70	28.09 1.88 -5.27	22.57 1.71 -0.70	40.48 1.72 -17.79	42.45 1.65 -22.24
KEDC_GLWD_GT4 24219	22.69 1.44 0.00	22.00 1.34 0.00	22.42 1.26 0.00	21.24 1.17 0.00	21.76 1.13 0.00	23.45 1.31 0.00	31.03 1.74 -1.61	34.80 2.15 -0.12	29.61 1.72 0.00	22.07 1.23 0.00	20.72 1.20 0.00	20.42 1.08 0.00	19.55 1.06 0.00	20.13 1.13 0.00	21.31 1.25 0.00	21.97 1.23 0.00	26.38 1.66 0.00	32.57 2.23 -0.32	24.42 1.79 -0.22	23.84 1.69 -0.70	27.95 1.74 -5.27	22.45 1.60 -0.70	40.32 1.57 -17.79	42.23 1.43 -22.24
KEDC_GLWD_GT5 24220	22.69 1.44 0.00	22.00 1.34 0.00	22.42 1.26 0.00	21.24 1.17 0.00	21.76 1.13 0.00	23.45 1.31 0.00	31.03 1.74 -1.61	34.80 2.15 -0.12	29.61 1.72 0.00	22.07 1.23 0.00	20.72 1.20 0.00	20.42 1.08 0.00	19.55 1.06 0.00	20.13 1.13 0.00	21.31 1.25 0.00	21.97 1.23 0.00	26.38 1.66 0.00	32.57 2.23 -0.32	24.42 1.79 -0.22	23.84 1.69 -0.70	27.95 1.74 -5.27	22.45 1.60 -0.70	40.32 1.57 -17.79	42.23 1.43 -22.24
KENSICO____ 23655	22.22 0.98 0.00	21.55 0.89 0.00	21.99 0.84 0.00	20.84 0.77 0.00	21.37 0.73 0.00	22.97 0.83 0.00	28.76 1.08 0.00	33.92 1.39 0.00	28.98 1.09 0.00	21.66 0.82 0.00	20.29 0.78 0.00	20.05 0.70 0.00	19.21 0.72 0.00	19.76 0.76 0.00	20.87 0.81 0.00	21.58 0.83 0.00	25.82 1.11 0.00	31.65 1.63 0.00	23.71 1.31 0.00	22.70 1.25 0.00	22.16 1.22 0.00	21.28 1.13 0.00	22.02 1.06 0.00	19.55 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.47 1.22 0.00	21.78 1.12 0.00	22.23 1.08 0.00	21.08 1.02 0.00	21.64 1.00 0.00	23.27 1.13 0.00	29.16 1.48 0.00	34.40 1.87 0.00	29.40 1.51 0.00	21.90 1.06 0.00	20.45 0.94 0.00	20.13 0.78 0.00	19.27 0.78 0.00	19.84 0.85 0.00	21.00 0.94 0.00	21.82 1.07 0.00	26.17 1.46 0.00	32.15 2.12 0.00	24.09 1.69 0.00	23.06 1.61 0.00	22.50 1.56 0.00	21.61 1.46 0.00	22.35 1.39 0.00	19.79 1.23 0.00

KIAC_JFK_GT1 23816	22.53 1.28 0.00	21.83 1.18 0.00	22.32 1.17 0.00	21.16 1.09 -0.01	21.68 1.04 0.00	23.29 1.14 0.00	29.14 1.46 0.00	34.39 1.86 0.00	29.40 1.50 -0.01	22.02 1.17 -0.01	20.56 1.04 0.00	20.34 0.99 0.00	19.51 1.03 0.00	20.03 1.04 0.00	21.13 1.07 0.00	21.84 1.09 0.00	26.08 1.37 0.00	31.92 1.90 0.00	23.94 1.54 0.00	22.94 1.49 0.00	22.38 1.44 0.00	21.52 1.37 0.00	22.15 1.19 0.00	19.75 1.19 0.00
KIAC_JFK_GT2 23817	22.53 1.28 0.00	21.83 1.18 0.00	22.32 1.17 0.00	21.16 1.09 -0.01	21.68 1.04 0.00	23.29 1.14 0.00	29.14 1.46 0.00	34.39 1.86 0.00	29.40 1.50 -0.01	22.02 1.17 -0.01	20.56 1.04 0.00	20.34 0.99 0.00	19.51 1.03 0.00	20.03 1.04 0.00	21.13 1.07 0.00	21.84 1.09 0.00	26.08 1.37 0.00	31.92 1.90 0.00	23.94 1.54 0.00	22.94 1.49 0.00	22.38 1.44 0.00	21.52 1.37 0.00	22.15 1.19 0.00	19.75 1.19 0.00
KIAC_JFK____ 323774	22.53 1.29 0.00	21.83 1.17 0.00	22.32 1.17 0.00	21.16 1.09 -0.01	21.68 1.04 0.00	23.29 1.14 0.00	29.14 1.46 0.00	34.38 1.85 0.00	29.40 1.50 -0.01	22.02 1.17 -0.01	20.55 1.04 0.00	20.34 0.99 0.00	19.51 1.02 0.00	20.03 1.04 0.00	21.13 1.07 0.00	21.84 1.09 0.00	26.08 1.36 0.00	31.92 1.90 0.00	23.94 1.54 0.00	22.94 1.49 0.00	22.38 1.44 0.00	21.51 1.36 0.00	22.15 1.19 0.00	19.75 1.19 0.00
KINTIGH____ 23543	20.07 -1.18 0.00	19.65 -1.01 0.00	20.25 -0.91 0.00	19.28 -0.79 0.00	19.81 -0.83 0.00	21.20 -0.95 0.00	26.40 -1.28 0.00	30.45 -2.08 0.00	26.49 -1.41 0.00	19.96 -0.89 0.00	18.77 -0.74 0.00	18.81 -0.55 0.00	17.85 -0.64 0.00	18.33 -0.67 0.00	19.27 -0.79 0.00	20.06 -0.69 0.00	23.56 -1.16 0.00	28.46 -1.56 0.00	21.00 -1.41 0.00	20.15 -1.30 0.00	19.65 -1.29 0.00	18.70 -1.45 0.00	19.58 -1.38 0.00	17.44 -1.11 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.55 0.31 0.00	20.89 0.23 0.00	21.47 0.32 0.00	20.31 0.24 0.00	20.92 0.28 0.00	22.59 0.45 0.00	28.54 0.86 0.00	33.74 1.21 0.00	28.91 1.01 0.00	21.53 0.68 0.00	20.13 0.61 0.00	19.97 0.62 0.00	19.04 0.55 0.00	19.68 0.69 0.00	20.78 0.72 0.00	21.30 0.55 0.00	25.04 0.32 0.00	30.07 0.05 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	21.20 0.26 0.00	20.38 0.23 0.00	21.15 0.19 0.00	18.37 -0.19 0.00
LACHUTE____HYDRO 323717	22.55 1.30 0.00	21.97 1.32 0.00	22.29 1.14 0.00	21.04 0.98 0.00	21.70 1.07 0.00	23.49 1.35 0.00	29.80 2.12 0.00	35.21 2.68 0.00	30.10 2.21 0.00	22.01 1.17 0.00	20.33 0.82 0.00	20.04 0.69 0.00	19.14 0.66 0.00	20.00 1.01 0.00	21.52 1.46 0.00	22.63 1.88 0.00	27.12 2.41 0.00	33.28 3.26 0.00	24.57 2.16 0.00	23.24 1.79 0.00	22.89 1.95 0.00	21.80 1.65 0.00	22.43 1.47 0.00	19.87 1.31 0.00
LAWRNCV_115KV_TB1 80681	21.45 0.21 0.00	20.89 0.23 0.00	21.46 0.31 0.00	20.33 0.26 0.00	20.92 0.28 0.00	22.29 0.14 0.00	27.73 0.05 0.00	32.64 0.11 0.00	28.02 0.12 0.00	20.90 0.05 0.00	19.55 0.04 0.00	19.42 0.07 0.00	18.56 0.07 0.00	19.09 0.10 0.00	20.18 0.12 0.00	20.74 -0.01 0.00	24.66 -0.05 0.00	29.49 -0.53 0.00	21.97 -0.44 0.00	21.10 -0.34 0.00	20.64 -0.30 0.00	19.97 -0.18 0.00	20.90 -0.06 0.00	18.51 -0.05 0.00
LEDERLE____ 23769	22.22 0.97 0.00	21.54 0.89 0.00	22.00 0.85 0.00	20.85 0.79 0.00	21.40 0.76 0.00	23.00 0.85 0.00	28.81 1.13 0.00	33.96 1.44 0.00	29.02 1.12 0.00	21.67 0.82 0.00	20.28 0.76 0.00	20.03 0.69 0.00	19.20 0.72 0.00	19.75 0.75 0.00	20.85 0.79 0.00	21.57 0.82 0.00	25.80 1.09 0.00	31.64 1.62 0.00	23.70 1.29 0.00	22.69 1.25 0.00	22.15 1.21 0.00	21.27 1.12 0.00	22.02 1.06 0.00	19.55 0.99 0.00
LIGHTHSE_115KV_TB6 355974	20.64 -0.61 0.00	20.13 -0.53 0.00	20.71 -0.44 0.00	19.68 -0.38 0.00	20.27 -0.37 0.00	21.72 -0.42 0.00	27.14 -0.54 0.00	31.95 -0.59 0.00	27.48 -0.41 0.00	20.48 -0.37 0.00	19.16 -0.36 0.00	18.93 -0.42 0.00	18.07 -0.42 0.00	18.55 -0.44 0.00	19.56 -0.50 0.00	20.41 -0.34 0.00	24.36 -0.36 0.00	29.59 -0.43 0.00	21.90 -0.51 0.00	20.88 -0.57 0.00	20.35 -0.60 0.00	19.50 -0.65 0.00	20.35 -0.61 0.00	17.97 -0.59 0.00
LINDEN COGEN____ 23786	22.20 0.95 0.00	21.51 0.85 0.00	21.96 0.80 0.00	20.81 0.74 0.00	21.33 0.69 0.00	22.91 0.77 0.00	28.69 1.01 0.00	33.84 1.31 0.00	28.92 1.02 0.00	21.65 0.80 0.00	20.28 0.76 0.00	20.04 0.69 0.00	19.23 0.74 0.00	19.76 0.77 0.00	20.86 0.80 0.00	21.56 0.81 0.00	25.77 1.06 0.00	31.59 1.57 0.00	23.68 1.28 0.00	22.67 1.22 0.00	22.12 1.18 0.00	21.25 1.10 0.00	21.97 1.01 0.00	19.52 0.96 0.00
LINDHRST_69_KV_BK1 356055	22.93 1.69 0.00	22.25 1.59 0.00	22.66 1.51 0.00	21.46 1.39 0.00	22.00 1.36 0.00	23.73 1.58 0.00	31.39 2.10 -1.61	35.22 2.57 -0.12	29.91 2.02 0.00	22.25 1.40 0.00	20.91 1.40 0.00	20.56 1.21 0.00	19.66 1.18 0.00	20.26 1.26 0.00	21.48 1.42 0.00	22.11 1.36 0.00	26.64 1.92 0.00	33.08 2.74 -0.32	24.81 2.18 -0.22	24.19 2.04 -0.70	28.21 2.00 -5.27	22.68 1.83 -0.70	40.57 1.82 -17.79	42.47 1.67 -22.24
LIPA_MISC_IPP 23656	22.85 1.60 0.00	22.21 1.55 0.00	22.62 1.47 0.00	21.46 1.40 0.00	22.00 1.36 0.00	23.76 1.61 0.00	31.44 2.15 -1.61	35.23 2.58 -0.12	29.79 1.90 0.00	21.97 1.12 0.00	20.71 1.20 0.00	20.32 0.97 0.00	19.42 0.93 0.00	20.01 1.02 0.00	21.27 1.21 0.00	21.79 1.04 0.00	26.31 1.60 0.00	32.85 2.51 -0.32	24.60 1.97 -0.22	23.95 1.81 -0.70	28.01 1.80 -5.27	22.49 1.64 -0.70	40.43 1.68 -17.79	42.46 1.66 -22.24
LISF____SOLAR 323691	22.88 1.64 0.00	22.25 1.59 0.00	22.66 1.51 0.00	21.51 1.44 0.00	22.04 1.40 0.00	23.80 1.66 0.00	31.49 2.20 -1.61	35.29 2.64 -0.12	29.83 1.94 0.00	21.98 1.13 0.00	20.73 1.21 0.00	20.33 0.98 0.00	19.42 0.93 0.00	20.02 1.02 0.00	21.29 1.23 0.00	21.82 1.07 0.00	26.35 1.64 0.00	32.92 2.57 -0.32	24.65 2.02 -0.22	24.00 1.85 -0.70	28.05 1.84 -5.27	22.53 1.67 -0.70	40.46 1.70 -17.79	42.49 1.69 -22.24
LITTLE FALLS____HYD 24013	20.91 -0.34 0.00	20.25 -0.41 0.00	20.64 -0.52 0.00	19.58 -0.48 0.00	20.22 -0.42 0.00	21.72 -0.42 0.00	27.31 -0.37 0.00	32.34 -0.19 0.00	27.73 -0.16 0.00	20.50 -0.35 0.00	19.00 -0.51 0.00	18.72 -0.63 0.00	17.89 -0.60 0.00	18.41 -0.59 0.00	19.53 -0.52 0.00	20.41 -0.34 0.00	24.51 -0.20 0.00	30.01 -0.02 0.00	22.47 0.06 0.00	21.48 0.03 0.00	20.93 -0.01 0.00	20.14 -0.01 0.00	20.77 -0.19 0.00	18.37 -0.19 0.00
LITTLRIV_115KV_TB1 356100	21.75 0.50 0.00	21.17 0.51 0.00	21.75 0.60 0.00	20.58 0.52 0.00	21.18 0.55 0.00	22.58 0.44 0.00	28.09 0.41 0.00	33.09 0.55 0.00	28.40 0.50 0.00	21.12 0.27 0.00	19.72 0.21 0.00	19.60 0.25 0.00	18.74 0.26 0.00	19.27 0.28 0.00	20.39 0.33 0.00	20.97 0.22 0.00	25.04 0.33 0.00	29.95 -0.07 0.00	22.30 -0.11 0.00	21.41 -0.04 0.00	20.95 0.01 0.00	20.25 0.10 0.00	21.18 0.22 0.00	18.75 0.19 0.00

LI_NEWBRDGE___DRP 323616	22.50 1.25 0.00	21.82 1.16 0.00	22.24 1.09 0.00	21.07 1.00 0.00	21.59 0.95 0.00	23.26 1.12 0.00	30.78 1.49 -1.61	34.50 1.85 -0.12	29.34 1.45 0.00	21.87 1.03 0.00	20.54 1.02 0.00	20.23 0.88 0.00	19.36 0.87 0.00	19.93 0.94 0.00	21.11 1.05 0.00	21.75 1.00 0.00	26.11 1.40 0.00	32.35 2.01 -0.32	24.25 1.62 -0.22	23.68 1.53 -0.70	27.73 1.51 -5.27	22.24 1.39 -0.70	40.11 1.36 -17.79	42.06 1.26 -22.24
LOCKPORT_115KV_TB60_63_64 80432	20.12 -1.12 0.00	19.73 -0.93 0.00	20.38 -0.77 0.00	19.42 -0.64 0.00	19.95 -0.69 0.00	21.37 -0.78 0.00	26.57 -1.11 0.00	30.52 -2.01 0.00	26.69 -1.20 0.00	20.10 -0.75 0.00	18.91 -0.60 0.00	18.96 -0.39 0.00	17.98 -0.50 0.00	18.48 -0.51 0.00	19.38 -0.68 0.00	20.18 -0.57 0.00	23.67 -1.05 0.00	28.55 -1.47 0.00	21.01 -1.40 0.00	20.16 -1.29 0.00	19.64 -1.30 0.00	18.65 -1.50 0.00	19.54 -1.42 0.00	17.46 -1.10 0.00
LOCKPORT___CC1 323769	20.09 -1.15 0.00	19.71 -0.95 0.00	20.36 -0.79 0.00	19.40 -0.67 0.00	19.92 -0.72 0.00	20.35 -0.81 0.99	26.55 -1.13 0.00	28.41 -2.04 2.08	22.89 -1.23 3.77	19.06 -0.77 1.02	18.41 -0.61 0.49	18.96 -0.39 0.00	17.97 -0.52 0.00	18.46 -0.54 0.00	19.37 -0.69 0.00	20.17 -0.58 0.00	23.66 -1.06 0.00	28.52 -1.50 0.00	20.98 -1.42 0.00	20.14 -1.31 0.00	19.62 -1.32 0.00	18.62 -1.53 0.00	19.52 -1.44 0.00	17.43 -1.13 0.00
LOCKPORT___CC2 323770	20.09 -1.15 0.00	19.71 -0.95 0.00	20.36 -0.79 0.00	19.40 -0.67 0.00	19.92 -0.72 0.00	20.35 -0.81 0.99	26.55 -1.13 0.00	28.41 -2.04 2.08	22.89 -1.23 3.77	19.06 -0.77 1.02	18.41 -0.61 0.49	18.96 -0.39 0.00	17.97 -0.52 0.00	18.46 -0.54 0.00	19.37 -0.69 0.00	20.17 -0.58 0.00	23.66 -1.06 0.00	28.52 -1.50 0.00	20.98 -1.42 0.00	20.14 -1.31 0.00	19.62 -1.32 0.00	18.62 -1.53 0.00	19.52 -1.44 0.00	17.43 -1.13 0.00
LOCKPORT___CC3 323771	20.09 -1.15 0.00	19.71 -0.95 0.00	20.36 -0.79 0.00	19.40 -0.67 0.00	19.92 -0.72 0.00	20.35 -0.81 0.99	26.55 -1.13 0.00	28.41 -2.04 2.08	22.89 -1.23 3.77	19.06 -0.77 1.02	18.41 -0.61 0.49	18.96 -0.39 0.00	17.97 -0.52 0.00	18.46 -0.54 0.00	19.37 -0.69 0.00	20.17 -0.58 0.00	23.66 -1.06 0.00	28.52 -1.50 0.00	20.98 -1.42 0.00	20.14 -1.31 0.00	19.62 -1.32 0.00	18.62 -1.53 0.00	19.52 -1.44 0.00	17.43 -1.13 0.00
LONG_LAKE_PHOENIX 24014	20.70 -0.54 0.00	20.15 -0.51 0.00	20.64 -0.52 0.00	19.60 -0.46 0.00	20.17 -0.46 0.00	21.62 -0.52 0.00	27.01 -0.67 0.00	31.72 -0.81 0.00	27.23 -0.66 0.00	20.38 -0.47 0.00	19.09 -0.42 0.00	18.93 -0.42 0.00	18.06 -0.43 0.00	18.52 -0.48 0.00	19.53 -0.52 0.00	20.26 -0.49 0.00	24.15 -0.57 0.00	29.39 -0.63 0.00	21.88 -0.53 0.00	20.93 -0.52 0.00	20.41 -0.53 0.00	19.60 -0.55 0.00	20.43 -0.53 0.00	18.10 -0.46 0.00
LOVETT___3 23632	22.12 0.88 0.00	21.45 0.79 0.00	21.90 0.75 0.00	20.76 0.70 0.00	21.30 0.66 0.00	22.89 0.74 0.00	28.67 0.99 0.00	33.80 1.27 0.00	28.87 0.98 0.00	21.56 0.72 0.00	20.18 0.66 0.00	19.94 0.59 0.00	19.11 0.62 0.00	19.65 0.66 0.00	20.75 0.69 0.00	21.46 0.71 0.00	25.67 0.96 0.00	31.48 1.46 0.00	23.58 1.17 0.00	22.57 1.12 0.00	22.04 1.10 0.00	21.17 1.02 0.00	21.92 0.96 0.00	19.46 0.90 0.00
LOVETT___4 23642	22.12 0.88 0.00	21.45 0.79 0.00	21.90 0.75 0.00	20.76 0.70 0.00	21.30 0.66 0.00	22.89 0.74 0.00	28.67 0.99 0.00	33.80 1.27 0.00	28.87 0.98 0.00	21.56 0.72 0.00	20.18 0.66 0.00	19.94 0.59 0.00	19.11 0.62 0.00	19.65 0.66 0.00	20.75 0.69 0.00	21.46 0.71 0.00	25.67 0.96 0.00	31.48 1.46 0.00	23.58 1.17 0.00	22.57 1.12 0.00	22.04 1.10 0.00	21.17 1.02 0.00	21.92 0.96 0.00	19.46 0.90 0.00
LOVETT___5 23593	22.12 0.88 0.00	21.45 0.79 0.00	21.90 0.75 0.00	20.76 0.70 0.00	21.30 0.66 0.00	22.89 0.74 0.00	28.67 0.99 0.00	33.80 1.27 0.00	28.87 0.98 0.00	21.56 0.72 0.00	20.18 0.66 0.00	19.94 0.59 0.00	19.11 0.62 0.00	19.65 0.66 0.00	20.75 0.69 0.00	21.46 0.71 0.00	25.67 0.96 0.00	31.48 1.46 0.00	23.58 1.17 0.00	22.57 1.12 0.00	22.04 1.10 0.00	21.17 1.02 0.00	21.92 0.96 0.00	19.46 0.90 0.00
LOWER RAQUET___HYD 24057	21.39 0.15 0.00	20.82 0.17 0.00	21.41 0.25 0.00	20.28 0.21 0.00	20.86 0.22 0.00	22.19 0.05 0.00	27.61 -0.07 0.00	32.50 -0.03 0.00	27.90 0.01 0.00	20.80 -0.05 0.00	19.45 -0.06 0.00	19.32 -0.03 0.00	18.46 -0.02 0.00	18.99 0.00 0.00	20.07 0.01 0.00	20.64 -0.11 0.00	24.56 -0.15 0.00	29.35 -0.66 0.00	21.85 -0.55 0.00	20.98 -0.47 0.00	20.53 -0.41 0.00	19.86 -0.30 0.00	20.80 -0.16 0.00	18.44 -0.12 0.00
LOWER___HUDSON 24059	21.60 0.36 0.00	20.98 0.32 0.00	21.42 0.27 0.00	20.30 0.23 0.00	20.89 0.25 0.00	22.42 0.27 0.00	28.09 0.41 0.00	33.05 0.52 0.00	28.31 0.41 0.00	21.04 0.19 0.00	19.62 0.10 0.00	19.38 0.04 0.00	18.54 0.05 0.00	19.10 0.10 0.00	20.23 0.17 0.00	21.06 0.31 0.00	25.20 0.49 0.00	30.92 0.90 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.72 0.56 0.00	21.47 0.50 0.00	19.04 0.49 0.00
LOWVILLE_115KV_TB2 356335	20.79 -0.45 0.00	20.34 -0.32 0.00	21.12 -0.03 0.00	20.09 0.03 0.00	20.72 0.08 0.00	22.18 0.03 0.00	27.82 0.15 0.00	32.83 0.30 0.00	28.32 0.42 0.00	21.02 0.18 0.00	19.55 0.04 0.00	19.25 -0.10 0.00	18.40 -0.09 0.00	18.95 -0.05 0.00	20.00 -0.05 0.00	20.92 0.17 0.00	25.04 0.33 0.00	30.15 0.13 0.00	22.04 -0.37 0.00	20.92 -0.52 0.00	20.34 -0.60 0.00	19.46 -0.69 0.00	20.29 -0.67 0.00	17.89 -0.67 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.97 0.73 0.00	21.33 0.67 0.00	21.76 0.61 0.00	20.62 0.56 0.00	21.24 0.60 0.00	22.80 0.66 0.00	28.59 0.91 0.00	33.65 1.12 0.00	28.77 0.88 0.00	21.36 0.52 0.00	19.90 0.38 0.00	19.65 0.30 0.00	18.78 0.29 0.00	19.37 0.38 0.00	20.56 0.50 0.00	21.43 0.68 0.00	25.68 0.96 0.00	31.43 1.41 0.00	23.43 1.03 0.00	22.39 0.95 0.00	21.87 0.93 0.00	21.03 0.88 0.00	21.78 0.82 0.00	19.30 0.74 0.00
LUTHERNY_35_KV_BK2 355980	21.97 0.72 0.00	21.32 0.66 0.00	21.75 0.59 0.00	20.62 0.55 0.00	21.26 0.62 0.00	22.81 0.67 0.00	28.62 0.94 0.00	33.66 1.13 0.00	28.76 0.87 0.00	21.36 0.51 0.00	19.90 0.38 0.00	19.65 0.30 0.00	18.77 0.28 0.00	19.37 0.37 0.00	20.57 0.51 0.00	21.44 0.69 0.00	25.68 0.97 0.00	31.44 1.41 0.00	23.44 1.03 0.00	22.41 0.96 0.00	21.86 0.92 0.00	21.04 0.88 0.00	21.77 0.81 0.00	19.29 0.74 0.00
LWR___OSWEGATCHIE_HYD 23850	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.69 0.00	20.73 -0.71 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.33 -0.63 0.00	17.97 -0.59 0.00

LYONS_FALL_HYD 23570	21.11 -0.13 0.00	20.60 -0.06 0.00	21.28 0.12 0.00	20.22 0.16 0.00	20.84 0.20 0.00	22.33 0.19 0.00	28.01 0.33 0.00	33.00 0.47 0.00	28.42 0.53 0.00	21.13 0.28 0.00	19.68 0.16 0.00	19.41 0.07 0.00	18.55 0.06 0.00	19.09 0.10 0.00	20.17 0.11 0.00	21.04 0.29 0.00	25.17 0.45 0.00	30.43 0.41 0.00	22.41 0.00 0.00	21.33 -0.11 0.00	20.77 -0.17 0.00	19.89 -0.26 0.00	20.70 -0.26 0.00	18.27 -0.29 0.00
MADISON___COUNTY_LFGE 323628	21.58 0.34 0.00	21.02 0.36 0.00	21.55 0.39 0.00	20.47 0.40 0.00	21.08 0.44 0.00	22.63 0.49 0.00	28.41 0.73 0.00	33.39 0.87 0.00	28.68 0.79 0.00	21.35 0.51 0.00	19.90 0.39 0.00	19.70 0.35 0.00	18.80 0.31 0.00	19.33 0.33 0.00	20.41 0.35 0.00	21.24 0.49 0.00	25.41 0.69 0.00	30.88 0.86 0.00	22.96 0.55 0.00	21.91 0.47 0.00	21.37 0.43 0.00	20.49 0.35 0.00	21.28 0.32 0.00	18.81 0.25 0.00
MALONE___115KV_TB1 356076	21.58 0.34 0.00	20.95 0.29 0.00	21.53 0.38 0.00	20.38 0.31 0.00	21.03 0.39 0.00	22.65 0.50 0.00	28.46 0.78 0.00	33.62 1.09 0.00	28.85 0.95 0.00	21.51 0.67 0.00	20.13 0.61 0.00	19.98 0.63 0.00	19.06 0.57 0.00	19.65 0.65 0.00	20.73 0.68 0.00	21.25 0.50 0.00	25.03 0.32 0.00	30.06 0.04 0.00	22.31 -0.09 0.00	21.46 0.01 0.00	21.18 0.24 0.00	20.42 0.27 0.00	21.23 0.27 0.00	18.51 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	21.52 0.28 0.00	20.89 0.23 0.00	21.34 0.19 0.00	20.22 0.16 0.00	20.79 0.15 0.00	22.34 0.20 0.00	28.01 0.33 0.00	32.95 0.42 0.00	28.22 0.33 0.00	21.02 0.17 0.00	19.62 0.11 0.00	19.39 0.04 0.00	18.56 0.07 0.00	19.09 0.09 0.00	20.20 0.15 0.00	21.01 0.26 0.00	25.15 0.44 0.00	30.83 0.80 0.00	23.03 0.62 0.00	22.02 0.57 0.00	21.51 0.56 0.00	20.65 0.50 0.00	21.41 0.45 0.00	18.98 0.43 0.00
MAPLE_RIDGE_WT_1 323574	21.06 -0.18 0.00	20.55 -0.11 0.00	21.15 0.00 0.00	20.08 0.02 0.00	20.68 0.04 0.00	22.18 0.03 0.00	27.70 0.02 0.00	32.58 0.05 0.00	27.95 0.06 0.00	20.90 0.05 0.00	19.57 0.06 0.00	19.43 0.08 0.00	18.57 0.08 0.00	19.09 0.09 0.00	20.16 0.10 0.00	20.78 0.03 0.00	24.68 -0.03 0.00	29.55 -0.47 0.00	21.98 -0.43 0.00	21.00 -0.45 0.00	20.42 -0.52 0.00	19.65 -0.51 0.00	20.37 -0.59 0.00	17.95 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	21.06 -0.18 0.00	20.55 -0.11 0.00	21.15 0.00 0.00	20.08 0.02 0.00	20.68 0.04 0.00	22.18 0.03 0.00	27.70 0.02 0.00	32.58 0.05 0.00	27.95 0.06 0.00	20.90 0.05 0.00	19.57 0.06 0.00	19.43 0.08 0.00	18.57 0.08 0.00	19.09 0.09 0.00	20.16 0.10 0.00	20.78 0.03 0.00	24.68 -0.03 0.00	29.55 -0.47 0.00	21.98 -0.43 0.00	21.00 -0.45 0.00	20.42 -0.52 0.00	19.65 -0.51 0.00	20.37 -0.59 0.00	17.95 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	21.29 0.05 0.00	20.65 -0.01 0.00	21.23 0.08 0.00	20.09 0.03 0.00	20.75 0.11 0.00	22.42 0.27 0.00	28.29 0.61 0.00	33.43 0.90 0.00	28.64 0.75 0.00	21.35 0.50 0.00	19.98 0.46 0.00	19.82 0.47 0.00	18.92 0.43 0.00	19.53 0.53 0.00	20.59 0.54 0.00	21.08 0.33 0.00	24.71 0.00 0.00	29.65 -0.37 0.00	21.98 -0.42 0.00	21.12 -0.33 0.00	20.95 0.00 0.00	20.18 0.03 0.00	20.96 0.00 0.00	18.20 -0.36 0.00
MARSHVLE_115KV_TB1 80742	22.62 1.37 0.00	22.00 1.34 0.00	22.56 1.41 0.00	21.44 1.37 0.00	22.12 1.48 0.00	23.76 1.62 0.00	29.67 1.99 0.00	34.97 2.44 0.00	30.06 2.16 0.00	22.28 1.44 0.00	20.84 1.32 0.00	20.71 1.36 0.00	19.77 1.29 0.00	20.29 1.29 0.00	21.38 1.33 0.00	22.10 1.35 0.00	26.41 1.70 0.00	31.93 1.91 0.00	23.71 1.31 0.00	22.66 1.21 0.00	22.15 1.20 0.00	21.26 1.11 0.00	22.14 1.18 0.00	19.51 0.95 0.00
MARSH_HILL_WT_PWR 323713	19.81 -1.44 0.00	19.23 -1.43 0.00	20.23 -0.92 0.00	19.71 -0.36 0.00	20.67 0.03 0.00	23.29 0.32 -0.83	28.45 0.77 0.00	35.09 0.82 -1.73	31.76 0.72 -3.15	22.31 0.61 -0.85	20.43 0.51 -0.41	19.65 0.30 0.00	18.70 0.21 0.00	19.14 0.14 0.00	20.11 0.06 0.00	20.76 0.01 0.00	24.21 -0.51 0.00	28.93 -1.09 0.00	21.16 -1.24 0.00	19.99 -1.46 0.00	19.24 -1.70 0.00	18.30 -1.85 0.00	18.94 -2.02 0.00	16.83 -1.73 0.00
MCINTYRE_115KV_TB2 80467	21.97 0.73 0.00	21.39 0.73 0.00	21.96 0.81 0.00	20.77 0.71 0.00	21.38 0.74 0.00	22.83 0.69 0.00	28.45 0.77 0.00	33.47 0.94 0.00	28.71 0.82 0.00	21.31 0.47 0.00	19.90 0.39 0.00	19.80 0.45 0.00	18.93 0.45 0.00	19.46 0.46 0.00	20.60 0.54 0.00	21.17 0.42 0.00	25.35 0.63 0.00	30.33 0.31 0.00	22.60 0.20 0.00	21.70 0.25 0.00	21.22 0.28 0.00	20.54 0.38 0.00	21.44 0.48 0.00	18.94 0.38 0.00
MECO_____69_KV_BK1 80468	23.40 2.15 0.00	22.72 2.07 0.00	23.27 2.12 0.00	22.12 2.05 0.00	22.79 2.15 0.00	24.50 2.35 0.00	30.70 3.02 0.00	36.25 3.72 0.00	30.82 2.92 0.00	22.30 1.45 0.00	20.54 1.03 0.00	20.23 0.88 0.00	19.44 0.95 0.00	19.88 0.89 0.00	21.29 1.23 0.00	22.62 1.87 0.00	27.68 2.96 0.00	33.66 3.64 0.00	24.99 2.58 0.00	23.83 2.39 0.00	23.28 2.34 0.00	22.29 2.13 0.00	23.12 2.16 0.00	20.35 1.79 0.00
MENANDS___115KV_TB5 355628	21.41 0.16 0.00	20.78 0.12 0.00	21.23 0.07 0.00	20.11 0.05 0.00	20.68 0.04 0.00	22.23 0.09 0.00	27.87 0.19 0.00	32.79 0.27 0.00	28.10 0.21 0.00	20.93 0.09 0.00	19.54 0.03 0.00	19.31 -0.04 0.00	18.49 0.01 0.00	19.01 0.02 0.00	20.12 0.06 0.00	20.92 0.17 0.00	25.04 0.32 0.00	30.68 0.66 0.00	22.92 0.51 0.00	21.92 0.47 0.00	21.40 0.47 0.00	20.56 0.41 0.00	21.32 0.36 0.00	18.90 0.35 0.00
MG INDUSTRY___DRP 24185	21.53 0.29 0.00	20.91 0.25 0.00	21.37 0.21 0.00	20.26 0.19 0.00	20.82 0.18 0.00	22.34 0.20 0.00	27.96 0.27 0.00	32.89 0.36 0.00	28.18 0.29 0.00	21.00 0.15 0.00	19.61 0.09 0.00	19.39 0.04 0.00	18.56 0.07 0.00	19.04 0.05 0.00	20.15 0.09 0.00	20.93 0.18 0.00	25.05 0.33 0.00	30.61 0.59 0.00	22.85 0.44 0.00	21.85 0.40 0.00	21.33 0.39 0.00	20.50 0.34 0.00	21.27 0.31 0.00	18.89 0.34 0.00
MID___OSWEGATCHIE_HYD 23849	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.69 0.00	20.73 -0.71 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.33 -0.63 0.00	17.97 -0.59 0.00
MID___RAQUETTE_HYD 23851	21.39 0.15 0.00	20.82 0.17 0.00	21.41 0.25 0.00	20.28 0.21 0.00	20.86 0.22 0.00	22.19 0.05 0.00	27.60 -0.07 0.00	32.50 -0.03 0.00	27.90 0.01 0.00	20.80 -0.05 0.00	19.45 -0.06 0.00	19.32 -0.03 0.00	18.46 -0.02 0.00	18.99 0.00 0.00	20.07 0.01 0.00	20.64 -0.11 0.00	24.56 -0.16 0.00	29.35 -0.66 0.00	21.85 -0.55 0.00	20.98 -0.46 0.00	20.53 -0.41 0.00	19.86 -0.30 0.00	20.80 -0.16 0.00	18.44 -0.12 0.00

MILLIKEN___1 23584	21.46 0.22 0.00	20.90 0.25 0.00	21.45 0.30 0.00	20.39 0.32 0.00	20.99 0.35 0.00	22.58 0.44 0.00	28.30 0.62 0.00	33.24 0.71 0.00	28.52 0.63 0.00	21.37 0.52 0.00	20.01 0.49 0.00	19.84 0.49 0.00	18.85 0.37 0.00	19.27 0.27 0.00	20.36 0.30 0.00	21.24 0.49 0.00	25.25 0.53 0.00	30.70 0.68 0.00	22.87 0.46 0.00	21.84 0.39 0.00	21.28 0.34 0.00	20.40 0.25 0.00	21.19 0.23 0.00	18.75 0.20 0.00
MILLIKEN___2 23585	21.46 0.22 0.00	20.90 0.25 0.00	21.45 0.30 0.00	20.39 0.32 0.00	20.99 0.35 0.00	22.58 0.44 0.00	28.30 0.62 0.00	33.24 0.71 0.00	28.52 0.63 0.00	21.37 0.52 0.00	20.01 0.49 0.00	19.84 0.49 0.00	18.85 0.37 0.00	19.27 0.27 0.00	20.36 0.30 0.00	21.24 0.49 0.00	25.25 0.53 0.00	30.70 0.68 0.00	22.87 0.46 0.00	21.84 0.39 0.00	21.28 0.34 0.00	20.40 0.25 0.00	21.19 0.23 0.00	18.75 0.20 0.00
MILLIKEN___DIESEL 23629	21.46 0.22 0.00	20.90 0.25 0.00	21.45 0.30 0.00	20.39 0.32 0.00	20.99 0.35 0.00	22.58 0.44 0.00	28.30 0.62 0.00	33.24 0.71 0.00	28.52 0.63 0.00	21.37 0.52 0.00	20.01 0.49 0.00	19.84 0.49 0.00	18.85 0.37 0.00	19.27 0.27 0.00	20.36 0.30 0.00	21.24 0.49 0.00	25.25 0.53 0.00	30.70 0.68 0.00	22.87 0.46 0.00	21.84 0.39 0.00	21.28 0.34 0.00	20.40 0.25 0.00	21.19 0.23 0.00	18.75 0.20 0.00
MILLSEAT___LFGE 323607	20.50 -0.74 0.00	20.08 -0.58 0.00	20.71 -0.44 0.00	19.73 -0.34 0.00	20.26 -0.37 0.00	20.83 -0.43 0.89	27.05 -0.63 0.00	29.31 -1.36 1.86	23.87 -0.65 3.38	19.58 -0.35 0.92	18.83 -0.24 0.44	19.28 -0.07 0.00	18.26 -0.22 0.00	18.79 -0.20 0.00	19.75 -0.31 0.00	20.56 -0.19 0.00	24.18 -0.54 0.00	29.23 -0.79 0.00	21.52 -0.89 0.00	20.64 -0.80 0.00	20.10 -0.84 0.00	19.09 -1.07 0.00	19.98 -0.98 0.00	17.80 -0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.18 0.93 0.00	21.50 0.85 0.00	21.95 0.79 0.00	20.80 0.74 0.00	21.34 0.70 0.00	22.93 0.79 0.00	28.73 1.05 0.00	33.87 1.34 0.00	28.94 1.05 0.00	21.62 0.78 0.00	20.25 0.73 0.00	20.00 0.65 0.00	19.17 0.68 0.00	19.71 0.72 0.00	20.82 0.77 0.00	21.53 0.78 0.00	25.76 1.05 0.00	31.58 1.56 0.00	23.66 1.26 0.00	22.65 1.20 0.00	22.11 1.17 0.00	21.24 1.08 0.00	21.98 1.02 0.00	19.52 0.96 0.00
MILLWOOD_13_KV_LOAD 356217	22.22 0.98 0.00	21.55 0.89 0.00	21.99 0.84 0.00	20.84 0.78 0.00	21.38 0.74 0.00	22.98 0.84 0.00	28.79 1.11 0.00	33.95 1.42 0.00	29.01 1.12 0.00	21.68 0.83 0.00	20.29 0.78 0.00	20.05 0.70 0.00	19.21 0.72 0.00	19.76 0.77 0.00	20.87 0.81 0.00	21.59 0.84 0.00	25.84 1.12 0.00	31.67 1.65 0.00	23.73 1.32 0.00	22.71 1.26 0.00	22.17 1.22 0.00	21.29 1.14 0.00	22.04 1.08 0.00	19.56 1.01 0.00
MODEL_CITY_ENERGY 24167	19.93 -1.32 0.00	19.53 -1.13 0.00	20.20 -0.96 0.00	19.24 -0.82 0.00	19.76 -0.88 0.00	20.13 -0.98 1.03	26.31 -1.37 0.00	28.04 -2.32 2.17	22.51 -1.45 3.93	18.82 -0.96 1.06	18.21 -0.79 0.51	18.77 -0.58 0.00	17.80 -0.69 0.00	18.27 -0.72 0.00	19.16 -0.90 0.00	19.94 -0.81 0.00	23.39 -1.32 0.00	28.21 -1.82 0.00	20.74 -1.66 0.00	19.91 -1.54 0.00	19.41 -1.53 0.00	18.43 -1.73 0.00	19.32 -1.64 0.00	17.28 -1.28 0.00
MODERN_LFGE___ 323580	19.93 -1.32 0.00	19.53 -1.13 0.00	20.20 -0.96 0.00	19.24 -0.82 0.00	19.76 -0.88 0.00	20.13 -0.98 1.03	26.31 -1.37 0.00	28.04 -2.32 2.17	22.51 -1.45 3.93	18.82 -0.96 1.06	18.21 -0.79 0.51	18.77 -0.58 0.00	17.80 -0.69 0.00	18.27 -0.72 0.00	19.16 -0.90 0.00	19.94 -0.81 0.00	23.39 -1.32 0.00	28.21 -1.82 0.00	20.74 -1.66 0.00	19.91 -1.54 0.00	19.41 -1.53 0.00	18.43 -1.73 0.00	19.32 -1.64 0.00	17.28 -1.28 0.00
MOHAWK_PAPER___DRP 24187	21.52 0.28 0.00	20.89 0.23 0.00	21.34 0.19 0.00	20.22 0.16 0.00	20.79 0.15 0.00	22.34 0.20 0.00	28.01 0.33 0.00	32.95 0.42 0.00	28.22 0.33 0.00	21.02 0.17 0.00	19.62 0.11 0.00	19.39 0.04 0.00	18.56 0.07 0.00	19.09 0.09 0.00	20.20 0.15 0.00	21.01 0.26 0.00	25.15 0.44 0.00	30.83 0.80 0.00	23.03 0.62 0.00	22.02 0.57 0.00	21.51 0.56 0.00	20.65 0.50 0.00	21.41 0.45 0.00	18.98 0.43 0.00
MOHICAN___35_KV_115KV_LD 80490	22.16 0.92 0.00	21.51 0.85 0.00	21.88 0.73 0.00	20.72 0.66 0.00	21.34 0.70 0.00	22.96 0.82 0.00	28.84 1.16 0.00	33.99 1.46 0.00	28.98 1.09 0.00	21.45 0.60 0.00	19.91 0.39 0.00	19.65 0.30 0.00	18.76 0.27 0.00	19.42 0.42 0.00	20.67 0.62 0.00	21.61 0.86 0.00	25.93 1.21 0.00	31.79 1.77 0.00	23.64 1.24 0.00	22.53 1.08 0.00	22.05 1.11 0.00	21.21 1.06 0.00	21.92 0.96 0.00	19.42 0.86 0.00
MONGAUP___HYD 23641	21.94 0.70 0.00	21.27 0.61 0.00	21.73 0.57 0.00	20.64 0.57 0.00	21.15 0.51 0.00	22.73 0.59 0.00	28.44 0.76 0.00	33.36 0.83 0.00	28.48 0.59 0.00	21.19 0.34 0.00	19.73 0.22 0.00	19.45 0.10 0.00	18.62 0.13 0.00	19.14 0.15 0.00	20.26 0.21 0.00	21.13 0.38 0.00	25.41 0.70 0.00	31.21 1.19 0.00	23.36 0.95 0.00	22.35 0.90 0.00	21.78 0.84 0.00	21.05 0.90 0.00	21.78 0.82 0.00	19.29 0.73 0.00
MONTAUK___DIESEL 23721	23.46 2.22 0.00	22.82 2.16 0.00	23.24 2.09 0.00	22.08 2.01 0.00	22.63 1.99 0.00	24.46 2.32 0.00	32.32 3.03 -1.61	36.25 3.60 -0.12	30.64 2.75 0.00	22.55 1.71 0.00	21.23 1.71 0.00	20.80 1.45 0.00	19.86 1.37 0.00	20.46 1.47 0.00	21.78 1.73 0.00	22.34 1.60 0.00	27.08 2.36 0.00	33.91 3.57 -0.32	25.36 2.73 -0.22	24.66 2.50 -0.70	28.62 2.41 -5.27	23.06 2.20 -0.70	41.02 2.26 -17.79	42.96 2.17 -22.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.55 -0.69 0.00	20.36 -0.30 0.00	21.18 0.02 0.00	20.24 0.17 0.00	20.86 0.22 0.00	22.37 0.22 0.00	27.99 0.31 0.00	32.34 -0.19 0.00	28.12 0.22 0.00	21.20 0.35 0.00	19.87 0.36 0.00	19.88 0.54 0.00	18.82 0.33 0.00	19.21 0.21 0.00	20.13 0.07 0.00	20.94 0.19 0.00	24.42 -0.29 0.00	29.21 -0.81 0.00	21.30 -1.11 0.00	20.30 -1.15 0.00	19.71 -1.23 0.00	18.78 -1.37 0.00	19.52 -1.44 0.00	17.58 -0.97 0.00
MORTIMER_115KV_TB3 55949	20.58 -0.67 0.00	20.10 -0.56 0.00	20.66 -0.49 0.00	19.65 -0.42 0.00	20.21 -0.43 0.00	21.65 -0.50 0.00	27.02 -0.66 0.00	31.37 -1.16 0.00	27.18 -0.71 0.00	20.44 -0.41 0.00	19.19 -0.32 0.00	19.17 -0.18 0.00	18.22 -0.27 0.00	18.71 -0.28 0.00	19.72 -0.34 0.00	20.52 -0.23 0.00	24.23 -0.49 0.00	29.35 -0.66 0.00	21.72 -0.68 0.00	20.81 -0.63 0.00	20.29 -0.65 0.00	19.35 -0.80 0.00	20.21 -0.75 0.00	17.94 -0.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.32 1.07 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.05 1.52 0.00	29.09 1.20 0.00	21.77 0.93 0.00	20.40 0.88 0.00	20.15 0.80 0.00	19.32 0.83 0.00	19.87 0.87 0.00	20.97 0.92 0.00	21.68 0.93 0.00	25.93 1.22 0.00	31.78 1.75 0.00	23.81 1.41 0.00	22.79 1.34 0.00	22.25 1.31 0.00	21.37 1.22 0.00	22.10 1.14 0.00	19.63 1.07 0.00

MUNSVILLE_WIND_PWR 323609	22.40 1.15 0.00	21.74 1.08 0.00	22.24 1.09 0.00	21.16 1.10 0.00	21.96 1.32 0.00	24.06 1.65 -0.26	30.02 2.34 0.00	35.96 2.88 -0.55	31.43 2.55 -0.99	23.12 2.01 -0.27	21.48 1.84 -0.13	21.13 1.78 0.00	19.89 1.41 0.00	20.24 1.25 0.00	21.46 1.40 0.00	22.51 1.77 0.00	26.82 2.10 0.00	32.55 2.53 0.00	23.96 1.55 0.00	22.83 1.38 0.00	22.14 1.19 0.00	21.18 1.03 0.00	21.77 0.81 0.00	19.24 0.68 0.00
N SALMON___HYD 24042	21.58 0.34 0.00	20.95 0.29 0.00	21.53 0.38 0.00	20.38 0.31 0.00	21.02 0.39 0.00	22.64 0.50 0.00	28.46 0.78 0.00	33.62 1.09 0.00	28.85 0.95 0.00	21.52 0.67 0.00	20.13 0.61 0.00	19.98 0.63 0.00	19.06 0.57 0.00	19.65 0.65 0.00	20.73 0.68 0.00	21.25 0.50 0.00	25.03 0.32 0.00	30.06 0.04 0.00	22.31 -0.09 0.00	21.46 0.01 0.00	21.18 0.24 0.00	20.42 0.27 0.00	21.23 0.27 0.00	18.51 -0.05 0.00
N.AKRON___115KV_KNAPP 355671	20.50 -0.75 0.00	20.07 -0.59 0.00	20.71 -0.44 0.00	19.73 -0.34 0.00	20.26 -0.37 0.00	21.72 -0.43 0.00	27.05 -0.63 0.00	31.15 -1.38 0.00	27.22 -0.67 0.00	20.49 -0.36 0.00	19.26 -0.25 0.00	19.28 -0.07 0.00	18.27 -0.22 0.00	18.80 -0.20 0.00	19.75 -0.31 0.00	20.56 -0.19 0.00	24.16 -0.56 0.00	29.20 -0.82 0.00	21.50 -0.90 0.00	20.63 -0.82 0.00	20.09 -0.85 0.00	19.07 -1.08 0.00	19.96 -1.00 0.00	17.79 -0.76 0.00
N.BELMOR_69_KV_BK1 55787	22.70 1.46 0.00	22.01 1.35 0.00	22.43 1.27 0.00	21.24 1.17 0.00	21.77 1.13 0.00	23.46 1.32 0.00	31.04 1.75 -1.61	34.82 2.17 -0.12	29.61 1.72 0.00	22.06 1.21 0.00	20.72 1.20 0.00	20.40 1.05 0.00	19.52 1.03 0.00	20.10 1.11 0.00	21.28 1.22 0.00	21.94 1.19 0.00	26.39 1.67 0.00	32.72 2.38 -0.32	24.52 1.89 -0.22	23.93 1.78 -0.70	27.97 1.76 -5.27	22.47 1.62 -0.70	40.34 1.59 -17.79	42.25 1.45 -22.24
N.E._GEN_SANDY PD 24062	21.72 0.48 0.00	21.08 0.42 0.00	21.51 0.36 0.00	20.39 0.32 0.00	20.95 0.31 0.00	22.49 0.35 0.00	28.16 0.48 0.00	36.22 0.65 -3.04	27.65 0.50 0.74	21.15 0.30 0.00	19.76 0.24 0.00	19.49 0.15 0.00	18.61 0.17 0.05	19.36 0.23 -0.13	20.24 0.28 0.10	21.02 0.35 0.08	25.29 0.57 -0.01	31.07 1.05 0.00	23.22 0.82 0.00	22.21 0.77 0.00	21.71 0.76 0.00	20.86 0.70 0.00	21.60 0.64 0.00	19.18 0.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.15 0.91 0.00	21.48 0.82 0.00	21.94 0.79 0.00	20.79 0.73 0.00	21.34 0.70 0.00	22.93 0.78 0.00	28.72 1.04 0.00	33.86 1.33 0.00	28.92 1.03 0.00	21.60 0.75 0.00	20.22 0.70 0.00	19.97 0.62 0.00	19.14 0.66 0.00	19.69 0.69 0.00	20.79 0.73 0.00	21.50 0.75 0.00	25.71 1.00 0.00	31.54 1.52 0.00	23.62 1.21 0.00	22.61 1.17 0.00	22.08 1.14 0.00	21.21 1.06 0.00	21.96 0.99 0.00	19.49 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	22.50 1.25 0.00	21.77 1.11 0.00	22.20 1.05 0.00	21.02 0.95 0.00	21.53 0.90 0.00	23.11 0.97 0.00	28.95 1.27 0.00	34.21 1.68 0.00	29.26 1.37 0.00	21.94 1.10 0.00	20.55 1.03 0.00	20.30 0.95 0.00	19.46 0.97 0.00	20.00 1.01 0.00	21.15 1.09 0.00	21.81 1.06 0.00	26.07 1.35 0.00	31.92 1.91 0.00	23.95 1.55 0.00	22.95 1.50 0.00	22.38 1.44 0.00	21.51 1.36 0.00	22.22 1.26 0.00	19.76 1.20 0.00
N.TROY___115KV_TB1 355778	21.61 0.36 0.00	20.98 0.32 0.00	21.42 0.27 0.00	20.30 0.23 0.00	20.88 0.25 0.00	22.42 0.27 0.00	28.09 0.41 0.00	33.05 0.52 0.00	28.31 0.42 0.00	21.04 0.19 0.00	19.62 0.10 0.00	19.38 0.04 0.00	18.53 0.05 0.00	19.09 0.10 0.00	20.23 0.17 0.00	21.06 0.31 0.00	25.20 0.49 0.00	30.92 0.90 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.71 0.56 0.00	21.47 0.50 0.00	19.04 0.49 0.00
NARROWS_GT1_1 24228	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_2 24229	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_3 24230	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_4 24231	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_5 24232	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_6 24233	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT1_7 24234	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00

NARROWS_GT1_8 24235	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_1 24236	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_2 24237	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_3 24238	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_4 24239	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_5 24240	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_6 24241	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_7 24242	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NARROWS_GT2_8 24243	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.83 0.59 0.00	21.19 0.53 0.00	21.64 0.49 0.00	20.51 0.45 0.00	21.10 0.46 0.00	22.64 0.50 0.00	28.38 0.70 0.00	33.41 0.88 0.00	28.67 0.77 0.00	21.25 0.41 0.00	19.74 0.23 0.00	19.54 0.19 0.00	18.64 0.16 0.00	19.11 0.12 0.00	20.28 0.22 0.00	21.21 0.46 0.00	25.58 0.86 0.00	31.33 1.30 0.00	23.37 0.96 0.00	22.32 0.87 0.00	21.77 0.83 0.00	20.88 0.73 0.00	21.63 0.67 0.00	19.19 0.64 0.00
NCHELSEA_115KV_TR2 355582	22.28 1.04 0.00	21.62 0.96 0.00	22.07 0.92 0.00	20.92 0.86 0.00	21.47 0.83 0.00	23.08 0.93 0.00	28.91 1.23 0.00	34.09 1.56 0.00	29.15 1.26 0.00	21.76 0.91 0.00	20.35 0.84 0.00	20.09 0.74 0.00	19.24 0.75 0.00	19.80 0.80 0.00	20.93 0.88 0.00	21.68 0.93 0.00	25.97 1.25 0.00	31.85 1.83 0.00	23.84 1.43 0.00	22.81 1.36 0.00	22.27 1.33 0.00	21.39 1.23 0.00	22.12 1.16 0.00	19.62 1.06 0.00
NEG CAPITAL___MECHNVIL 23645	21.93 0.69 0.00	21.29 0.63 0.00	21.72 0.57 0.00	20.58 0.52 0.00	21.19 0.55 0.00	22.76 0.61 0.00	28.53 0.85 0.00	33.60 1.07 0.00	28.74 0.84 0.00	21.34 0.50 0.00	19.88 0.37 0.00	19.63 0.28 0.00	18.76 0.27 0.00	19.35 0.35 0.00	20.53 0.47 0.00	21.40 0.66 0.00	25.65 0.93 0.00	31.42 1.40 0.00	23.43 1.03 0.00	22.39 0.94 0.00	21.86 0.92 0.00	21.02 0.87 0.00	21.75 0.79 0.00	19.28 0.72 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.30 -0.94 0.00	19.81 -0.84 0.00	20.36 -0.79 0.00	19.35 -0.71 0.00	19.91 -0.73 0.00	20.99 -0.80 0.35	26.67 -1.01 0.00	30.34 -1.46 0.74	25.53 -1.03 1.34	19.81 -0.68 0.36	18.76 -0.58 0.17	18.85 -0.49 0.00	17.93 -0.55 0.00	18.41 -0.58 0.00	19.42 -0.63 0.00	20.21 -0.54 0.00	23.92 -0.79 0.00	28.99 -1.03 0.00	21.48 -0.92 0.00	20.56 -0.89 0.00	20.06 -0.88 0.00	19.15 -1.00 0.00	19.98 -0.98 0.00	17.71 -0.84 0.00
NEG CENTRAL___DRP 24199	21.09 -0.16 0.00	20.55 -0.10 0.00	21.14 -0.01 0.00	20.11 0.04 0.00	20.72 0.08 0.00	22.30 0.16 0.00	27.94 0.26 0.00	32.74 0.21 0.00	28.14 0.25 0.00	21.11 0.26 0.00	19.78 0.26 0.00	19.60 0.25 0.00	18.64 0.16 0.00	19.10 0.10 0.00	20.17 0.12 0.00	21.00 0.25 0.00	24.87 0.15 0.00	30.15 0.13 0.00	22.47 0.07 0.00	21.45 0.01 0.00	20.88 -0.05 0.00	19.99 -0.16 0.00	20.79 -0.18 0.00	18.43 -0.12 0.00
NEG CENTRAL___INDECK 23768	20.97 -0.27 0.00	20.43 -0.23 0.00	21.16 0.00 0.00	20.28 0.21 0.00	21.00 0.36 0.00	23.02 0.49 -0.38	28.46 0.78 0.00	34.05 0.72 -0.81	30.23 0.87 -1.46	21.88 0.63 -0.40	20.18 0.48 -0.19	19.66 0.31 0.00	18.65 0.17 0.00	19.21 0.22 0.00	20.34 0.28 0.00	21.14 0.39 0.00	24.94 0.23 0.00	30.27 0.25 0.00	22.34 -0.06 0.00	21.30 -0.15 0.00	20.67 -0.27 0.00	19.62 -0.53 0.00	20.41 -0.55 0.00	18.08 -0.47 0.00

NEG CENTRAL___SENECA 23627	21.00 -0.24 0.00	20.44 -0.21 0.00	21.05 -0.10 0.00	20.05 -0.02 0.00	20.71 0.07 0.00	22.28 0.13 0.00	27.93 0.25 0.00	32.69 0.16 0.00	28.13 0.24 0.00	21.13 0.29 0.00	19.78 0.27 0.00	19.59 0.24 0.00	18.65 0.16 0.00	19.09 0.09 0.00	20.15 0.09 0.00	20.96 0.21 0.00	24.80 0.09 0.00	30.02 -0.01 0.00	22.38 -0.02 0.00	21.37 -0.07 0.00	20.79 -0.15 0.00	19.87 -0.28 0.00	20.63 -0.33 0.00	18.32 -0.24 0.00
NEG CENTRAL___STATE_STREET 24147	21.32 0.07 0.00	20.83 0.17 0.00	21.41 0.26 0.00	20.31 0.25 0.00	20.86 0.23 0.00	22.50 0.36 0.00	28.16 0.48 0.00	33.08 0.55 0.00	28.31 0.42 0.00	21.21 0.36 0.00	19.92 0.40 0.00	19.78 0.43 0.00	18.75 0.26 0.00	19.25 0.26 0.00	20.34 0.29 0.00	21.21 0.46 0.00	25.09 0.38 0.00	30.48 0.46 0.00	22.74 0.34 0.00	21.68 0.23 0.00	21.12 0.18 0.00	20.28 0.12 0.00	21.14 0.18 0.00	18.71 0.15 0.00
NEG MILLWOOD___DRP 24198	22.39 1.14 0.00	21.70 1.05 0.00	22.16 1.00 0.00	21.00 0.93 0.00	21.55 0.91 0.00	23.17 1.02 0.00	29.03 1.35 0.00	34.24 1.71 0.00	29.29 1.40 0.00	21.87 1.03 0.00	20.46 0.95 0.00	20.20 0.86 0.00	19.35 0.86 0.00	19.90 0.91 0.00	21.02 0.97 0.00	21.77 1.02 0.00	26.09 1.37 0.00	32.00 1.98 0.00	23.96 1.56 0.00	22.92 1.47 0.00	22.38 1.43 0.00	21.49 1.33 0.00	22.22 1.26 0.00	19.71 1.15 0.00
NEG NORTH_FLCN_SEA 23793	21.53 0.28 0.00	20.87 0.21 0.00	21.44 0.29 0.00	20.28 0.21 0.00	20.84 0.20 0.00	22.48 0.34 0.00	28.42 0.74 0.00	33.59 1.06 0.00	28.75 0.86 0.00	21.40 0.55 0.00	20.03 0.51 0.00	19.86 0.51 0.00	18.95 0.47 0.00	19.60 0.60 0.00	20.70 0.64 0.00	21.19 0.44 0.00	24.88 0.17 0.00	29.87 -0.16 0.00	22.11 -0.30 0.00	21.19 -0.25 0.00	21.05 0.11 0.00	20.23 0.07 0.00	20.99 0.03 0.00	18.25 -0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	21.40 0.15 0.00	20.76 0.10 0.00	21.34 0.19 0.00	20.18 0.12 0.00	20.85 0.21 0.00	22.52 0.38 0.00	28.39 0.71 0.00	33.55 1.01 0.00	28.74 0.84 0.00	21.42 0.57 0.00	20.05 0.53 0.00	19.90 0.55 0.00	18.98 0.50 0.00	19.59 0.60 0.00	20.65 0.59 0.00	21.15 0.40 0.00	24.83 0.12 0.00	29.84 -0.18 0.00	22.13 -0.28 0.00	21.28 -0.17 0.00	21.07 0.13 0.00	20.30 0.15 0.00	21.07 0.11 0.00	18.30 -0.25 0.00
NEG NORTH___ALICE_FALLS 23915	21.55 0.31 0.00	20.89 0.23 0.00	21.47 0.32 0.00	20.31 0.24 0.00	20.92 0.28 0.00	22.59 0.45 0.00	28.54 0.86 0.00	33.74 1.21 0.00	28.91 1.01 0.00	21.53 0.68 0.00	20.13 0.61 0.00	19.97 0.62 0.00	19.04 0.55 0.00	19.68 0.69 0.00	20.78 0.72 0.00	21.30 0.55 0.00	25.04 0.32 0.00	30.07 0.05 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	21.20 0.26 0.00	20.38 0.23 0.00	21.15 0.19 0.00	18.37 -0.19 0.00
NEG NORTH___LWR_SARANAC 23913	21.55 0.31 0.00	20.89 0.23 0.00	21.47 0.32 0.00	20.31 0.24 0.00	20.92 0.28 0.00	22.59 0.45 0.00	28.54 0.86 0.00	33.74 1.21 0.00	28.91 1.01 0.00	21.53 0.68 0.00	20.13 0.61 0.00	19.97 0.62 0.00	19.04 0.55 0.00	19.68 0.69 0.00	20.78 0.72 0.00	21.30 0.55 0.00	25.04 0.32 0.00	30.07 0.05 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	21.20 0.26 0.00	20.38 0.23 0.00	21.15 0.19 0.00	18.37 -0.19 0.00
NEG NORTH___PLATTSBURG 23628	21.55 0.31 0.00	20.89 0.23 0.00	21.47 0.32 0.00	20.31 0.24 0.00	20.92 0.28 0.00	22.59 0.45 0.00	28.54 0.86 0.00	33.74 1.21 0.00	28.91 1.01 0.00	21.53 0.69 0.00	20.13 0.61 0.00	19.97 0.62 0.00	19.04 0.55 0.00	19.68 0.69 0.00	20.78 0.72 0.00	21.30 0.55 0.00	25.04 0.32 0.00	30.07 0.05 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	21.20 0.26 0.00	20.38 0.23 0.00	21.15 0.19 0.00	18.37 -0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	20.10 -1.15 0.00	19.71 -0.95 0.00	20.36 -0.79 0.00	19.40 -0.67 0.00	19.92 -0.72 0.00	21.34 -0.81 0.00	26.55 -1.14 0.00	30.48 -2.05 0.00	26.65 -1.25 0.00	20.07 -0.77 0.00	18.89 -0.62 0.00	18.96 -0.39 0.00	17.97 -0.52 0.00	18.46 -0.53 0.00	19.37 -0.69 0.00	20.17 -0.58 0.00	23.65 -1.07 0.00	28.52 -1.50 0.00	20.98 -1.42 0.00	20.14 -1.31 0.00	19.62 -1.32 0.00	18.63 -1.53 0.00	19.52 -1.44 0.00	17.43 -1.13 0.00
NEG WEST___LANCASTER 23811	20.90 -0.35 0.00	20.49 -0.17 0.00	21.10 -0.05 0.00	20.11 0.05 0.00	20.70 0.06 0.00	22.19 0.05 0.00	27.59 -0.09 0.00	31.88 -0.65 0.00	27.75 -0.14 0.00	21.01 0.16 0.00	19.83 0.32 0.00	19.86 0.51 0.00	18.85 0.36 0.00	19.34 0.34 0.00	20.32 0.26 0.00	21.13 0.39 0.00	24.77 0.05 0.00	29.91 -0.12 0.00	22.06 -0.35 0.00	21.16 -0.28 0.00	20.61 -0.33 0.00	19.59 -0.56 0.00	20.48 -0.48 0.00	18.23 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	21.11 -0.13 0.00	20.54 -0.11 0.00	21.08 -0.07 0.00	20.04 -0.02 0.00	20.65 0.02 0.00	22.45 0.04 -0.27	27.78 0.10 0.00	33.15 0.06 -0.56	28.97 0.06 -1.02	21.26 0.14 -0.28	19.82 0.17 -0.13	19.53 0.18 0.00	18.64 0.15 0.00	19.08 0.08 0.00	20.12 0.06 0.00	20.85 0.10 0.00	24.78 0.06 0.00	30.13 0.11 0.00	22.42 0.02 0.00	21.46 0.01 0.00	20.91 -0.03 0.00	20.06 -0.10 0.00	20.82 -0.14 0.00	18.43 -0.12 0.00
NEG___GEN_MONROE 24207	20.69 -0.55 0.00	20.22 -0.43 0.00	20.80 -0.35 0.00	19.78 -0.28 0.00	20.34 -0.30 0.00	21.79 -0.35 0.00	27.19 -0.49 0.00	31.55 -0.98 0.00	27.38 -0.51 0.00	20.59 -0.25 0.00	19.33 -0.19 0.00	19.30 -0.04 0.00	18.33 -0.16 0.00	18.83 -0.16 0.00	19.85 -0.20 0.00	20.66 -0.09 0.00	24.39 -0.33 0.00	29.55 -0.47 0.00	21.85 -0.56 0.00	20.94 -0.51 0.00	20.41 -0.53 0.00	19.45 -0.71 0.00	20.31 -0.65 0.00	18.04 -0.52 0.00
NEPA___ENERGY 23901	20.30 -0.94 0.00	19.94 -0.72 0.00	20.60 -0.55 0.00	19.62 -0.44 0.00	20.22 -0.42 0.00	21.68 -0.47 0.00	27.09 -0.59 0.00	31.36 -1.17 0.00	27.10 -0.79 0.00	20.46 -0.39 0.00	19.26 -0.25 0.00	19.29 -0.06 0.00	18.39 -0.10 0.00	18.79 -0.20 0.00	19.70 -0.36 0.00	20.42 -0.33 0.00	24.00 -0.71 0.00	28.94 -1.08 0.00	21.37 -1.03 0.00	20.49 -0.96 0.00	19.95 -1.00 0.00	19.04 -1.11 0.00	19.80 -1.16 0.00	17.62 -0.94 0.00
NEVERSink___HYD 23608	22.43 1.18 0.00	21.73 1.07 0.00	22.18 1.03 0.00	21.03 0.97 0.00	21.60 0.96 0.00	23.22 1.08 0.00	29.16 1.48 0.00	34.33 1.80 0.00	29.33 1.44 0.00	21.86 1.01 0.00	20.45 0.93 0.00	20.15 0.80 0.00	19.25 0.76 0.00	19.80 0.80 0.00	20.95 0.89 0.00	21.78 1.03 0.00	26.21 1.49 0.00	32.18 2.16 0.00	24.17 1.76 0.00	23.07 1.62 0.00	22.51 1.57 0.00	21.61 1.45 0.00	22.36 1.40 0.00	19.78 1.22 0.00
NEWKRMKL_115KV_TB1 55635	21.32 0.08 0.00	20.69 0.03 0.00	21.14 -0.01 0.00	20.03 -0.03 0.00	20.60 -0.04 0.00	22.10 -0.04 0.00	27.67 -0.01 0.00	32.57 0.04 0.00	27.91 0.02 0.00	20.82 -0.03 0.00	19.43 -0.09 0.00	19.20 -0.15 0.00	18.41 -0.08 0.00	18.89 -0.10 0.00	19.99 -0.06 0.00	20.77 0.02 0.00	24.88 0.17 0.00	30.45 0.43 0.00	22.75 0.35 0.00	21.76 0.31 0.00	21.24 0.30 0.00	20.39 0.24 0.00	21.15 0.19 0.00	18.81 0.25 0.00

NEWTON___FALLS_HYD 23847	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.69 0.00	20.73 -0.71 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.33 -0.63 0.00	17.97 -0.59 0.00
NGRID_A1_DSASP 323792	19.73 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	19.89 -1.19 1.07	26.04 -1.64 0.00	27.68 -2.60 2.25	22.13 -1.69 4.08	18.63 -1.11 1.10	17.96 -1.02 0.53	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.01 0.00	18.91 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.58 0.00	27.88 -2.14 0.00	20.50 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
NGRID_A2_DSASP 323793	19.73 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	19.89 -1.19 1.07	26.04 -1.64 0.00	27.68 -2.60 2.25	22.13 -1.69 4.08	18.63 -1.11 1.10	17.96 -1.02 0.53	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.01 0.00	18.91 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.58 0.00	27.88 -2.14 0.00	20.50 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
NGRID_A4_DSASP 323807	19.73 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	19.89 -1.19 1.07	26.04 -1.64 0.00	27.68 -2.60 2.25	22.13 -1.69 4.08	18.63 -1.11 1.10	17.96 -1.02 0.53	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.01 0.00	18.91 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.58 0.00	27.88 -2.14 0.00	20.50 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
NIAGARA_115E_LBMP 323715	19.82 -1.42 0.00	19.43 -1.23 0.00	20.10 -1.06 0.00	19.15 -0.92 0.00	19.66 -0.97 0.00	20.00 -1.08 1.06	26.17 -1.51 0.00	27.80 -2.51 2.23	22.26 -1.60 4.04	18.68 -1.07 1.09	18.09 -0.90 0.53	18.66 -0.69 0.00	17.70 -0.79 0.00	18.17 -0.82 0.00	19.03 -1.02 0.00	19.82 -0.93 0.00	23.24 -1.48 0.00	28.00 -2.02 0.00	20.60 -1.81 0.00	19.78 -1.67 0.00	19.27 -1.67 0.00	18.30 -1.85 0.00	19.20 -1.76 0.00	17.18 -1.38 0.00
NIAGARA_115W_LBMP 323714	19.70 -1.55 0.00	19.32 -1.34 0.00	19.94 -1.22 0.00	18.99 -1.08 0.00	19.50 -1.14 0.00	19.84 -1.23 1.07	25.98 -1.70 0.00	27.63 -2.66 2.24	22.10 -1.72 4.07	18.59 -1.15 1.10	17.92 -1.07 0.53	18.43 -0.92 0.00	17.48 -1.01 0.00	17.95 -1.05 0.00	18.87 -1.19 0.00	19.69 -1.06 0.00	23.08 -1.64 0.00	27.80 -2.22 0.00	20.45 -1.96 0.00	19.63 -1.81 0.00	19.15 -1.79 0.00	18.18 -1.97 0.00	19.17 -1.79 0.00	17.12 -1.44 0.00
NIAGARA_230_LBMP 323716	19.86 -1.38 0.00	19.48 -1.18 0.00	20.10 -1.05 0.00	19.15 -0.92 0.00	19.67 -0.96 0.00	20.01 -1.08 1.05	26.21 -1.47 0.00	27.90 -2.43 2.20	22.28 -1.62 4.00	18.74 -1.03 1.08	18.13 -0.86 0.52	18.70 -0.65 0.00	17.73 -0.75 0.00	18.21 -0.79 0.00	19.12 -0.93 0.00	19.94 -0.81 0.00	23.37 -1.35 0.00	28.17 -1.85 0.00	20.74 -1.67 0.00	19.91 -1.54 0.00	19.42 -1.52 0.00	18.44 -1.71 0.00	19.35 -1.61 0.00	17.27 -1.29 0.00
NIAGARA___115KV_198_GIBSON 55903	19.70 -1.55 0.00	19.32 -1.34 0.00	19.94 -1.22 0.00	18.99 -1.08 0.00	19.50 -1.14 0.00	20.91 -1.23 0.00	25.98 -1.70 0.00	29.88 -2.65 0.00	26.15 -1.75 0.00	19.69 -1.16 0.00	18.44 -1.08 0.00	18.43 -0.92 0.00	17.48 -1.01 0.00	17.95 -1.04 0.00	18.87 -1.19 0.00	19.69 -1.06 0.00	23.07 -1.64 0.00	27.81 -2.22 0.00	20.45 -1.96 0.00	19.63 -1.81 0.00	19.15 -1.79 0.00	18.19 -1.97 0.00	19.17 -1.79 0.00	17.12 -1.44 0.00
NIAGARA____ 23760	19.86 -1.38 0.00	19.48 -1.18 0.00	20.10 -1.05 0.00	19.15 -0.92 0.00	19.67 -0.96 0.00	20.01 -1.08 1.05	26.21 -1.47 0.00	27.89 -2.43 2.21	22.27 -1.62 4.01	18.73 -1.03 1.09	18.13 -0.86 0.52	18.70 -0.65 0.00	17.73 -0.75 0.00	18.21 -0.79 0.00	19.12 -0.93 0.00	19.94 -0.81 0.00	23.37 -1.35 0.00	28.17 -1.85 0.00	20.74 -1.67 0.00	19.91 -1.54 0.00	19.42 -1.52 0.00	18.44 -1.71 0.00	19.35 -1.61 0.00	17.27 -1.29 0.00
NINE_MILE_1 23575	20.54 -0.71 0.00	19.99 -0.67 0.00	20.48 -0.67 0.00	19.45 -0.62 0.00	20.00 -0.64 0.00	21.44 -0.70 0.00	26.77 -0.91 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.19 -0.65 0.00	18.92 -0.59 0.00	18.77 -0.58 0.00	17.90 -0.59 0.00	18.36 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.84 0.00	29.03 -1.00 0.00	21.62 -0.79 0.00	20.69 -0.76 0.00	20.19 -0.75 0.00	19.41 -0.75 0.00	20.25 -0.71 0.00	17.95 -0.61 0.00
NINE_MILE_2 23744	20.54 -0.70 0.00	19.99 -0.67 0.00	20.48 -0.67 0.00	19.45 -0.61 0.00	20.01 -0.63 0.00	21.45 -0.70 0.00	26.77 -0.91 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.19 -0.65 0.00	18.92 -0.59 0.00	18.77 -0.58 0.00	17.90 -0.59 0.00	18.36 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.84 0.00	29.03 -1.00 0.00	21.62 -0.78 0.00	20.69 -0.76 0.00	20.19 -0.75 0.00	19.41 -0.74 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
NM_CAPITAL___DRP 24208	21.36 0.11 0.00	20.73 0.07 0.00	21.18 0.02 0.00	20.07 0.00 0.00	20.63 0.00 0.00	22.11 -0.03 0.00	27.65 -0.02 0.00	32.55 0.02 0.00	27.88 -0.01 0.00	20.79 -0.06 0.00	19.40 -0.11 0.00	19.17 -0.18 0.00	18.37 -0.11 0.00	18.87 -0.12 0.00	19.97 -0.08 0.00	20.75 0.00 0.00	24.84 0.12 0.00	30.42 0.40 0.00	22.73 0.33 0.00	21.73 0.29 0.00	21.23 0.29 0.00	20.39 0.24 0.00	21.15 0.19 0.00	18.83 0.28 0.00
NM_CENTRAL___DRP 24181	20.93 -0.32 0.00	20.37 -0.29 0.00	20.87 -0.29 0.00	19.82 -0.24 0.00	20.39 -0.24 0.00	21.88 -0.27 0.00	27.35 -0.33 0.00	32.10 -0.42 0.00	27.57 -0.32 0.00	20.64 -0.21 0.00	19.33 -0.19 0.00	19.17 -0.17 0.00	18.28 -0.20 0.00	18.75 -0.24 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.44 -0.27 0.00	29.74 -0.28 0.00	22.14 -0.26 0.00	21.17 -0.27 0.00	20.66 -0.28 0.00	19.83 -0.33 0.00	20.66 -0.30 0.00	18.30 -0.26 0.00
NM_FRONTIER___DRP 24179	19.70 -1.55 0.00	19.32 -1.34 0.00	19.94 -1.22 0.00	18.99 -1.08 0.00	19.50 -1.14 0.00	20.91 -1.23 0.00	25.98 -1.70 0.00	29.88 -2.65 0.00	26.15 -1.75 0.00	19.69 -1.16 0.00	18.44 -1.08 0.00	18.43 -0.92 0.00	17.48 -1.01 0.00	17.95 -1.04 0.00	18.87 -1.19 0.00	19.69 -1.06 0.00	23.07 -1.64 0.00	27.81 -2.22 0.00	20.45 -1.96 0.00	19.63 -1.81 0.00	19.15 -1.79 0.00	18.19 -1.97 0.00	19.17 -1.79 0.00	17.12 -1.44 0.00
NM_ST_REGIS___HYD 24053	21.44 0.20 0.00	20.86 0.21 0.00	21.44 0.29 0.00	20.31 0.24 0.00	20.91 0.27 0.00	22.32 0.17 0.00	27.83 0.15 0.00	32.80 0.27 0.00	28.16 0.26 0.00	20.99 0.14 0.00	19.64 0.12 0.00	19.49 0.15 0.00	18.62 0.14 0.00	19.17 0.18 0.00	20.25 0.19 0.00	20.80 0.05 0.00	24.68 -0.03 0.00	29.55 -0.48 0.00	21.97 -0.44 0.00	21.10 -0.35 0.00	20.70 -0.24 0.00	20.01 -0.15 0.00	20.91 -0.05 0.00	18.46 -0.10 0.00

NORTHPORT___1 23551	22.70 1.46 0.00	22.04 1.39 0.00	22.45 1.30 0.00	21.26 1.20 0.00	21.78 1.15 0.00	23.52 1.37 0.00	31.08 1.79 -1.61	34.83 2.18 -0.12	29.56 1.66 0.00	22.00 1.16 0.00	20.73 1.22 0.00	20.35 1.00 0.00	19.46 0.97 0.00	20.04 1.04 0.00	21.27 1.22 0.00	21.85 1.09 0.00	26.25 1.53 0.00	32.54 2.20 -0.32	24.41 1.78 -0.22	23.82 1.67 -0.70	27.85 1.64 -5.27	22.36 1.50 -0.70	40.26 1.51 -17.79	42.24 1.44 -22.24
NORTHPORT___2 23552	22.70 1.46 0.00	22.04 1.39 0.00	22.45 1.30 0.00	21.26 1.20 0.00	21.78 1.15 0.00	23.52 1.37 0.00	31.08 1.79 -1.61	34.83 2.18 -0.12	29.56 1.66 0.00	22.00 1.16 0.00	20.73 1.22 0.00	20.35 1.00 0.00	19.46 0.97 0.00	20.04 1.04 0.00	21.27 1.22 0.00	21.85 1.09 0.00	26.25 1.53 0.00	32.54 2.20 -0.32	24.41 1.78 -0.22	23.82 1.67 -0.70	27.85 1.64 -5.27	22.36 1.50 -0.70	40.26 1.51 -17.79	42.24 1.44 -22.24
NORTHPORT___3 23553	22.61 1.36 0.00	21.96 1.30 0.00	22.37 1.22 0.00	21.18 1.11 0.00	21.69 1.05 0.00	23.40 1.25 0.00	30.94 1.65 -1.61	34.64 1.99 -0.12	29.48 1.59 0.00	21.95 1.10 0.00	20.65 1.13 0.00	20.31 0.96 0.00	19.42 0.93 0.00	20.00 1.01 0.00	21.20 1.14 0.00	21.76 1.01 0.00	26.09 1.37 0.00	32.38 2.04 -0.32	24.27 1.64 -0.22	23.68 1.53 -0.70	27.75 1.54 -5.27	22.27 1.42 -0.70	40.15 1.40 -17.79	42.15 1.36 -22.24
NORTHPORT___4 23650	22.61 1.36 0.00	21.96 1.30 0.00	22.37 1.22 0.00	21.18 1.11 0.00	21.69 1.05 0.00	23.40 1.25 0.00	30.94 1.65 -1.61	34.64 1.99 -0.12	29.48 1.59 0.00	21.95 1.10 0.00	20.65 1.13 0.00	20.31 0.96 0.00	19.42 0.93 0.00	20.00 1.01 0.00	21.20 1.14 0.00	21.76 1.01 0.00	26.09 1.37 0.00	32.38 2.04 -0.32	24.27 1.64 -0.22	23.68 1.53 -0.70	27.75 1.54 -5.27	22.27 1.42 -0.70	40.15 1.40 -17.79	42.15 1.36 -22.24
NORTHPORT___IC 23718	22.70 1.46 0.00	22.04 1.39 0.00	22.45 1.30 0.00	21.26 1.20 0.00	21.78 1.15 0.00	23.52 1.37 0.00	31.08 1.79 -1.61	34.83 2.18 -0.12	29.56 1.66 0.00	22.00 1.16 0.00	20.73 1.22 0.00	20.35 1.00 0.00	19.46 0.97 0.00	20.04 1.04 0.00	21.27 1.22 0.00	21.85 1.09 0.00	26.25 1.53 0.00	32.54 2.20 -0.32	24.41 1.78 -0.22	23.82 1.67 -0.70	27.85 1.64 -5.27	22.36 1.50 -0.70	40.26 1.51 -17.79	42.24 1.44 -22.24
NORTH___COUNTRY_ESR 323785	21.31 0.07 0.00	20.68 0.02 0.00	21.25 0.10 0.00	20.12 0.05 0.00	20.78 0.14 0.00	22.45 0.30 0.00	28.30 0.62 0.00	33.42 0.89 0.00	28.63 0.74 0.00	21.36 0.51 0.00	19.99 0.48 0.00	19.85 0.50 0.00	18.94 0.45 0.00	19.54 0.55 0.00	20.60 0.54 0.00	21.07 0.32 0.00	24.74 0.02 0.00	29.70 -0.32 0.00	22.02 -0.39 0.00	21.18 -0.27 0.00	20.98 0.04 0.00	20.22 0.07 0.00	20.99 0.03 0.00	18.23 -0.33 0.00
NPX_GEN_1385_PROXY 323591	22.59 1.35 0.00	22.01 1.35 0.00	22.42 1.26 0.00	21.12 1.05 0.00	21.63 0.99 0.00	23.48 1.34 0.00	30.88 1.59 -1.61	34.59 1.93 -0.12	29.20 1.31 0.00	21.90 1.06 0.00	20.82 1.30 0.00	20.23 0.88 0.00	19.26 0.77 0.00	19.84 0.85 0.00	21.18 1.12 0.00	21.72 0.97 0.00	26.10 1.38 0.00	32.19 1.85 -0.32	24.15 1.52 -0.22	23.66 1.51 -0.70	27.56 1.35 -5.27	22.10 1.24 -0.70	40.09 1.34 -17.79	42.02 1.23 -22.24
NPX_GEN_CSC 323557	22.87 1.62 0.00	22.26 1.60 0.00	22.67 1.52 0.00	21.55 1.48 0.00	22.08 1.44 0.00	23.85 1.70 0.00	31.55 2.26 -1.61	35.34 2.69 -0.12	29.83 1.93 0.00	21.89 1.04 0.00	20.67 1.15 0.00	20.27 0.92 0.00	19.36 0.88 0.00	19.96 0.96 0.00	21.22 1.16 0.00	21.69 0.93 0.00	26.20 1.49 0.00	32.85 2.51 -0.32	24.58 1.95 -0.22	23.90 1.75 -0.70	27.99 1.78 -5.27	22.46 1.61 -0.70	40.43 1.68 -17.79	42.52 1.72 -22.24
NSINS_S_GLNS_FALLS 23858	22.16 0.92 0.00	21.51 0.85 0.00	21.88 0.72 0.00	20.72 0.66 0.00	21.34 0.70 0.00	22.96 0.82 0.00	28.82 1.14 0.00	33.96 1.43 0.00	28.95 1.06 0.00	21.43 0.59 0.00	19.90 0.38 0.00	19.64 0.29 0.00	18.74 0.25 0.00	19.40 0.40 0.00	20.65 0.59 0.00	21.59 0.84 0.00	25.90 1.18 0.00	31.74 1.72 0.00	23.61 1.20 0.00	22.50 1.05 0.00	22.02 1.08 0.00	21.20 1.05 0.00	21.91 0.95 0.00	19.40 0.84 0.00
NUCOR_STEEL___DRP 24197	21.32 0.08 0.00	20.84 0.18 0.00	21.42 0.27 0.00	20.32 0.25 0.00	20.86 0.22 0.00	22.50 0.35 0.00	28.14 0.46 0.00	33.08 0.55 0.00	28.30 0.40 0.00	21.18 0.34 0.00	19.91 0.40 0.00	19.78 0.44 0.00	18.74 0.25 0.00	19.25 0.26 0.00	20.35 0.29 0.00	21.22 0.47 0.00	25.09 0.37 0.00	30.48 0.46 0.00	22.75 0.34 0.00	21.67 0.23 0.00	21.12 0.18 0.00	20.28 0.13 0.00	21.16 0.20 0.00	18.73 0.17 0.00
NUMBER_THREE_WT_PWR 323818	20.73 -0.51 0.00	20.29 -0.36 0.00	21.09 -0.06 0.00	20.07 0.00 0.00	20.69 0.05 0.00	22.15 0.00 0.00	27.78 0.09 0.00	32.78 0.25 0.00	28.28 0.39 0.00	20.99 0.14 0.00	19.53 0.01 0.00	19.22 -0.12 0.00	18.38 -0.11 0.00	18.92 -0.07 0.00	19.98 -0.08 0.00	20.89 0.14 0.00	25.00 0.29 0.00	30.08 0.06 0.00	21.97 -0.43 0.00	20.86 -0.59 0.00	20.28 -0.66 0.00	19.39 -0.76 0.00	20.23 -0.73 0.00	17.83 0.00 0.00
NYISO_LBMP_REFERENCE 24008	21.24 0.00 0.00	20.66 0.00 0.00	21.15 0.00 0.00	20.07 0.00 0.00	20.64 0.00 0.00	22.15 0.00 0.00	27.68 0.00 0.00	32.53 0.00 0.00	27.89 0.00 0.00	20.85 0.00 0.00	19.52 0.00 0.00	19.35 0.00 0.00	18.49 0.00 0.00	18.99 0.00 0.00	20.06 0.00 0.00	20.75 0.00 0.00	24.72 0.00 0.00	30.02 0.00 0.00	22.41 0.00 0.00	21.45 0.00 0.00	20.94 0.00 0.00	20.15 0.00 0.00	20.96 0.00 0.00	18.56 0.00 0.00
NYPA_BRENTWD___GT 24164	22.94 1.70 0.00	22.26 1.60 0.00	22.68 1.53 0.00	21.48 1.42 0.00	22.01 1.37 0.00	23.76 1.61 0.00	31.42 2.13 -1.61	35.24 2.59 -0.12	29.91 2.02 0.00	22.21 1.37 0.00	20.91 1.40 0.00	20.54 1.19 0.00	19.63 1.15 0.00	20.22 1.23 0.00	21.47 1.42 0.00	22.08 1.33 0.00	26.57 1.86 0.00	32.93 2.59 -0.32	24.76 2.13 -0.22	24.13 1.98 -0.70	28.16 1.95 -5.27	22.64 1.78 -0.70	40.54 1.78 -17.79	42.47 1.67 -22.24
NYPA_GOWANUS___GT5 24156	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00
NYPA_GOWANUS___GT6 24157	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.29 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.03 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.02 1.31 0.00	31.90 1.88 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.39 1.45 0.00	21.50 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00

NYPA_HARLEM__RVR__GT1 24160	22.44 1.20 0.00	21.71 1.06 0.00	22.15 1.00 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.07 0.92 0.00	28.90 1.22 0.00	34.14 1.61 0.00	29.20 1.30 0.00	21.89 1.04 0.00	20.49 0.98 0.00	20.25 0.90 0.00	19.40 0.92 0.00	19.95 0.95 0.00	21.09 1.03 0.00	21.76 1.01 0.00	26.01 1.29 0.00	31.86 1.84 0.00	23.90 1.50 0.00	22.90 1.45 0.00	22.33 1.39 0.00	21.45 1.30 0.00	22.18 1.22 0.00	19.71 1.15 0.00
NYPA_HARLEM__RVR__GT2 24161	22.44 1.20 0.00	21.71 1.06 0.00	22.15 1.00 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.07 0.92 0.00	28.90 1.22 0.00	34.14 1.61 0.00	29.20 1.30 0.00	21.89 1.04 0.00	20.49 0.98 0.00	20.25 0.90 0.00	19.40 0.92 0.00	19.95 0.95 0.00	21.09 1.03 0.00	21.76 1.01 0.00	26.01 1.29 0.00	31.86 1.84 0.00	23.90 1.50 0.00	22.90 1.45 0.00	22.33 1.39 0.00	21.45 1.30 0.00	22.18 1.22 0.00	19.71 1.15 0.00
NYPA_KENT____GT 24152	22.43 1.19 0.00	21.73 1.07 0.00	22.17 1.02 0.00	21.00 0.94 0.00	21.52 0.88 0.00	23.13 0.99 0.00	28.97 1.29 0.00	34.19 1.66 0.00	29.22 1.32 0.00	21.88 1.04 0.00	20.48 0.97 0.00	20.24 0.89 0.00	19.40 0.91 0.00	19.95 0.95 0.00	21.07 1.01 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.92 1.89 0.00	23.93 1.52 0.00	22.92 1.47 0.00	22.38 1.44 0.00	21.49 1.34 0.00	22.22 1.26 0.00	19.73 1.17 0.00
NYPA_POUCH1____GT 24155	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.11 0.96 0.00	28.96 1.28 0.00	34.17 1.65 0.00	29.20 1.30 0.00	21.86 1.02 0.00	20.44 0.92 0.00	20.19 0.84 0.00	19.36 0.87 0.00	19.90 0.91 0.00	21.02 0.96 0.00	21.72 0.97 0.00	25.99 1.27 0.00	31.86 1.83 0.00	23.88 1.48 0.00	22.90 1.45 0.00	22.39 1.44 0.00	21.50 1.34 0.00	22.23 1.27 0.00	19.73 1.18 0.00
NYPA_VERNON____GT2 24162	22.43 1.19 0.00	21.73 1.07 0.00	22.18 1.03 0.00	21.01 0.94 0.00	21.53 0.89 0.00	23.13 0.99 0.00	28.98 1.30 0.00	34.20 1.67 0.00	29.22 1.33 0.00	21.89 1.04 0.00	20.50 0.98 0.00	20.25 0.90 0.00	19.41 0.93 0.00	19.97 0.97 0.00	21.08 1.03 0.00	21.78 1.03 0.00	26.05 1.34 0.00	31.93 1.91 0.00	23.93 1.53 0.00	22.92 1.47 0.00	22.37 1.43 0.00	21.48 1.33 0.00	22.21 1.25 0.00	19.72 1.16 0.00
NYPA_VERNON____GT3 24163	22.43 1.19 0.00	21.73 1.07 0.00	22.18 1.03 0.00	21.01 0.94 0.00	21.53 0.89 0.00	23.13 0.99 0.00	28.98 1.30 0.00	34.20 1.67 0.00	29.22 1.33 0.00	21.89 1.04 0.00	20.50 0.98 0.00	20.25 0.90 0.00	19.41 0.93 0.00	19.97 0.97 0.00	21.08 1.03 0.00	21.78 1.03 0.00	26.05 1.34 0.00	31.93 1.91 0.00	23.93 1.53 0.00	22.92 1.47 0.00	22.37 1.43 0.00	21.48 1.33 0.00	22.21 1.25 0.00	19.72 1.16 0.00
NYPA__ASTORIA_CC1 323568	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.95 1.28 0.00	34.17 1.64 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.40 0.91 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.46 1.31 0.00	22.19 1.23 0.00	19.71 1.15 0.00
NYPA__ASTORIA_CC2 323569	22.42 1.18 0.00	21.72 1.06 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.97 0.00	28.95 1.28 0.00	34.17 1.64 0.00	29.22 1.32 0.00	21.88 1.03 0.00	20.49 0.97 0.00	20.24 0.89 0.00	19.40 0.91 0.00	19.95 0.96 0.00	21.07 1.02 0.00	21.77 1.02 0.00	26.04 1.32 0.00	31.91 1.89 0.00	23.92 1.52 0.00	22.90 1.45 0.00	22.36 1.41 0.00	21.46 1.31 0.00	22.19 1.23 0.00	19.71 1.15 0.00
NYPA__HOLTSVILL 23794	22.82 1.57 0.00	22.16 1.50 0.00	22.58 1.43 0.00	21.40 1.34 0.00	21.93 1.29 0.00	23.67 1.53 0.00	31.32 2.03 -1.61	35.11 2.46 -0.12	29.75 1.86 0.00	22.03 1.19 0.00	20.76 1.24 0.00	20.38 1.03 0.00	19.48 0.99 0.00	20.07 1.08 0.00	21.32 1.26 0.00	21.88 1.13 0.00	26.37 1.65 0.00	32.82 2.48 -0.32	24.60 1.97 -0.22	23.97 1.83 -0.70	28.02 1.81 -5.27	22.50 1.64 -0.70	40.41 1.65 -17.79	42.40 1.60 -22.24
NYPA__HELLGATE_GT1 24158	22.44 1.20 0.00	21.71 1.06 0.00	22.15 1.00 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.07 0.92 0.00	28.90 1.22 0.00	34.14 1.61 0.00	29.20 1.30 0.00	21.89 1.04 0.00	20.49 0.98 0.00	20.25 0.90 0.00	19.40 0.92 0.00	19.95 0.95 0.00	21.09 1.03 0.00	21.76 1.01 0.00	26.01 1.29 0.00	31.86 1.84 0.00	23.90 1.50 0.00	22.90 1.45 0.00	22.33 1.39 0.00	21.45 1.30 0.00	22.18 1.22 0.00	19.71 1.15 0.00
NYPA__HELLGATE_GT2 24159	22.44 1.20 0.00	21.71 1.06 0.00	22.15 1.00 0.00	20.97 0.91 0.00	21.49 0.85 0.00	23.07 0.92 0.00	28.90 1.22 0.00	34.14 1.61 0.00	29.20 1.30 0.00	21.89 1.04 0.00	20.49 0.98 0.00	20.25 0.90 0.00	19.40 0.92 0.00	19.95 0.95 0.00	21.09 1.03 0.00	21.76 1.01 0.00	26.01 1.29 0.00	31.86 1.84 0.00	23.90 1.50 0.00	22.90 1.45 0.00	22.33 1.39 0.00	21.45 1.30 0.00	22.18 1.22 0.00	19.71 1.15 0.00
NYS_BARGE__HYD 23848	20.12 -1.12 0.00	19.73 -0.93 0.00	20.38 -0.77 0.00	19.42 -0.64 0.00	19.94 -0.69 0.00	20.39 -0.78 0.97	26.57 -1.11 0.00	28.48 -2.01 2.04	23.01 -1.18 3.70	19.10 -0.74 1.00	18.44 -0.59 0.48	18.97 -0.38 0.00	17.98 -0.50 0.00	18.47 -0.52 0.00	19.38 -0.68 0.00	20.18 -0.57 0.00	23.67 -1.04 0.00	28.56 -1.47 0.00	21.01 -1.40 0.00	20.16 -1.29 0.00	19.64 -1.30 0.00	18.64 -1.51 0.00	19.54 -1.42 0.00	17.46 -1.10 0.00
OAK ORCHARD__HYD 24046	20.57 -0.67 0.00	20.10 -0.56 0.00	20.66 -0.49 0.00	19.65 -0.42 0.00	20.21 -0.43 0.00	21.16 -0.50 0.48	27.02 -0.66 0.00	30.36 -1.15 1.02	25.35 -0.70 1.84	19.95 -0.40 0.50	18.95 -0.32 0.24	19.17 -0.18 0.00	18.22 -0.27 0.00	18.71 -0.29 0.00	19.72 -0.34 0.00	20.52 -0.23 0.00	24.23 -0.48 0.00	29.35 -0.66 0.00	21.72 -0.68 0.00	20.81 -0.63 0.00	20.29 -0.65 0.00	19.35 -0.80 0.00	20.21 -0.75 0.00	17.94 -0.62 0.00
OAKDALE__35_KV_LOAD 356122	21.07 -0.17 0.00	20.52 -0.14 0.00	21.05 -0.10 0.00	20.01 -0.05 0.00	20.62 -0.02 0.00	22.14 0.00 0.00	27.72 0.04 0.00	32.50 -0.03 0.00	27.89 -0.01 0.00	20.93 0.08 0.00	19.63 0.11 0.00	19.48 0.13 0.00	18.59 0.10 0.00	19.04 0.05 0.00	20.08 0.02 0.00	20.81 0.06 0.00	24.72 0.00 0.00	30.05 0.03 0.00	22.36 -0.04 0.00	21.40 -0.04 0.00	20.86 -0.08 0.00	20.01 -0.14 0.00	20.78 -0.18 0.00	18.41 -0.15 0.00
OCC_CHEM__DRP 24175	19.74 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	20.96 -1.19 0.00	26.04 -1.64 0.00	29.94 -2.59 0.00	26.19 -1.70 0.00	19.73 -1.12 0.00	18.49 -1.03 0.00	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.00 0.00	18.92 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.59 0.00	27.88 -2.14 0.00	20.51 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00

OH_GEN_PROXY 24063	19.90 -1.34 0.00	19.52 -1.14 0.00	20.13 -1.02 0.00	19.17 -0.89 0.00	19.70 -0.94 0.00	20.01 -1.06 1.08	26.25 -1.43 0.00	27.91 -2.35 2.26	22.22 -1.56 4.11	18.76 -0.98 1.11	18.17 -0.81 0.54	18.75 -0.60 0.00	17.78 -0.71 0.00	18.25 -0.74 0.00	19.18 -0.87 0.00	20.00 -0.75 0.00	49.13 -1.28 -25.70	28.26 -1.76 0.00	30.95 -1.60 -10.14	19.98 -1.47 0.00	29.06 -1.45 -9.57	18.51 -1.64 0.00	19.40 -1.56 0.00	17.31 -1.25 0.00
OLIN_CORP_DRP 24177	19.85 -1.40 0.00	19.46 -1.20 0.00	20.11 -1.04 0.00	19.17 -0.90 0.00	19.68 -0.96 0.00	21.08 -1.07 0.00	26.20 -1.48 0.00	30.07 -2.46 0.00	26.31 -1.58 0.00	19.80 -1.05 0.00	18.64 -0.88 0.00	18.69 -0.66 0.00	17.72 -0.76 0.00	18.20 -0.79 0.00	19.07 -0.99 0.00	19.86 -0.89 0.00	23.28 -1.43 0.00	28.06 -1.96 0.00	20.64 -1.76 0.00	19.82 -1.63 0.00	19.31 -1.63 0.00	18.35 -1.81 0.00	19.24 -1.72 0.00	17.21 -1.35 0.00
OLIN_CORP_DSASP 323712	19.73 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	19.89 -1.19 1.07	26.04 -1.64 0.00	27.68 -2.60 2.25	22.13 -1.69 4.08	18.63 -1.11 1.10	17.96 -1.02 0.53	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.01 0.00	18.91 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.58 0.00	27.88 -2.14 0.00	20.50 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
ONEIDA_HERK_LFGE 323681	21.31 0.07 0.00	20.77 0.11 0.00	21.38 0.23 0.00	20.32 0.25 0.00	20.92 0.28 0.00	22.44 0.30 0.00	28.13 0.45 0.00	33.14 0.61 0.00	28.50 0.61 0.00	21.21 0.36 0.00	19.77 0.25 0.00	19.51 0.17 0.00	18.65 0.17 0.00	19.19 0.20 0.00	20.28 0.22 0.00	21.12 0.37 0.00	25.26 0.55 0.00	30.61 0.59 0.00	22.63 0.23 0.00	21.58 0.13 0.00	21.03 0.08 0.00	20.15 -0.01 0.00	20.95 -0.01 0.00	18.50 -0.06 0.00
ONEIDA___115KV_TB4 55905	21.58 0.34 0.00	21.02 0.36 0.00	21.55 0.39 0.00	20.47 0.40 0.00	21.08 0.44 0.00	22.63 0.49 0.00	28.41 0.73 0.00	33.39 0.87 0.00	28.68 0.79 0.00	21.35 0.51 0.00	19.90 0.39 0.00	19.70 0.35 0.00	18.80 0.31 0.00	19.33 0.33 0.00	20.41 0.35 0.00	21.24 0.49 0.00	25.41 0.69 0.00	30.88 0.86 0.00	22.96 0.55 0.00	21.91 0.47 0.00	21.37 0.43 0.00	20.49 0.35 0.00	21.28 0.32 0.00	18.81 0.25 0.00
ONONDAGA_REF_OCCRA 23987	21.09 -0.16 0.00	20.53 -0.13 0.00	21.03 -0.12 0.00	19.98 -0.08 0.00	20.56 -0.08 0.00	22.06 -0.08 0.00	27.59 -0.09 0.00	32.39 -0.14 0.00	27.81 -0.07 0.00	20.82 -0.02 0.00	19.50 -0.01 0.00	19.34 -0.01 0.00	18.43 -0.05 0.00	18.89 -0.10 0.00	19.94 -0.11 0.00	20.72 -0.03 0.00	24.67 -0.05 0.00	30.01 -0.01 0.00	22.35 -0.05 0.00	21.37 -0.08 0.00	20.85 -0.09 0.00	20.00 -0.15 0.00	20.83 -0.14 0.00	18.44 -0.12 0.00
ONONDAGA___COGEN 23986	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00
ONTARIO___LFGE 23819	21.00 -0.24 0.00	20.45 -0.21 0.00	21.05 -0.10 0.00	20.05 -0.01 0.00	20.71 0.07 0.00	22.28 0.13 0.00	27.93 0.25 0.00	32.70 0.17 0.00	28.13 0.24 0.00	21.13 0.29 0.00	19.78 0.27 0.00	19.59 0.24 0.00	18.65 0.16 0.00	19.09 0.09 0.00	20.15 0.09 0.00	20.96 0.21 0.00	24.81 0.09 0.00	30.02 -0.01 0.00	22.38 -0.03 0.00	21.37 -0.07 0.00	20.79 -0.15 0.00	19.87 -0.28 0.00	20.63 -0.33 0.00	18.32 -0.24 0.00
ORANGEVILLE_WT_PWR 323706	20.03 -1.21 0.00	19.71 -0.95 0.00	20.42 -0.73 0.00	19.51 -0.55 0.00	20.08 -0.56 0.00	20.34 -0.62 1.18	26.81 -0.87 0.00	28.39 -1.66 2.48	22.37 -1.03 4.49	19.03 -0.60 1.22	18.55 -0.38 0.59	19.30 -0.05 0.00	18.34 -0.14 0.00	18.78 -0.21 0.00	19.71 -0.34 0.00	20.44 -0.31 0.00	23.95 -0.76 0.00	28.80 -1.22 0.00	21.16 -1.24 0.00	20.21 -1.24 0.00	19.56 -1.38 0.00	18.55 -1.61 0.00	19.29 -1.67 0.00	17.17 -1.39 0.00
ORANGEVILLE___ESR 323794	20.03 -1.21 0.00	19.71 -0.95 0.00	20.42 -0.73 0.00	19.51 -0.55 0.00	20.08 -0.56 0.00	20.34 -0.62 1.18	26.81 -0.87 0.00	28.39 -1.66 2.48	22.37 -1.03 4.49	19.03 -0.60 1.22	18.55 -0.38 0.59	19.30 -0.05 0.00	18.34 -0.14 0.00	18.78 -0.21 0.00	19.71 -0.34 0.00	20.44 -0.31 0.00	23.95 -0.76 0.00	28.80 -1.22 0.00	21.16 -1.24 0.00	20.21 -1.24 0.00	19.56 -1.38 0.00	18.55 -1.61 0.00	19.29 -1.67 0.00	17.17 -1.39 0.00
OSWEGATCHIE___HYD 24044	20.86 -0.39 0.00	20.36 -0.30 0.00	21.02 -0.13 0.00	19.95 -0.11 0.00	20.55 -0.08 0.00	21.93 -0.21 0.00	27.38 -0.30 0.00	32.29 -0.24 0.00	27.79 -0.10 0.00	20.65 -0.20 0.00	19.26 -0.25 0.00	19.04 -0.31 0.00	18.20 -0.29 0.00	18.73 -0.27 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.53 -0.18 0.00	29.44 -0.58 0.00	21.72 -0.68 0.00	20.73 -0.72 0.00	20.22 -0.72 0.00	19.45 -0.70 0.00	20.34 -0.63 0.00	17.97 -0.59 0.00
OSWEGO___5 23606	20.66 -0.58 0.00	20.12 -0.55 0.00	20.61 -0.55 0.00	19.57 -0.49 0.00	20.13 -0.51 0.00	21.59 -0.56 0.00	26.96 -0.72 0.00	31.64 -0.89 0.00	27.17 -0.72 0.00	20.33 -0.52 0.00	19.05 -0.47 0.00	18.90 -0.45 0.00	18.03 -0.46 0.00	18.49 -0.50 0.00	19.50 -0.55 0.00	20.22 -0.53 0.00	24.05 -0.66 0.00	29.24 -0.78 0.00	21.78 -0.62 0.00	20.84 -0.61 0.00	20.34 -0.60 0.00	19.54 -0.61 0.00	20.38 -0.58 0.00	18.05 -0.50 0.00
OSWEGO___6 23613	20.66 -0.58 0.00	20.12 -0.55 0.00	20.61 -0.55 0.00	19.57 -0.49 0.00	20.13 -0.51 0.00	21.59 -0.56 0.00	26.96 -0.72 0.00	31.64 -0.89 0.00	27.17 -0.72 0.00	20.33 -0.52 0.00	19.05 -0.47 0.00	18.90 -0.45 0.00	18.03 -0.46 0.00	18.49 -0.50 0.00	19.50 -0.55 0.00	20.22 -0.53 0.00	24.05 -0.66 0.00	29.24 -0.78 0.00	21.78 -0.62 0.00	20.84 -0.61 0.00	20.34 -0.60 0.00	19.54 -0.61 0.00	20.38 -0.58 0.00	18.05 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	20.24 -1.00 0.00	19.85 -0.81 0.00	20.49 -0.66 0.00	19.52 -0.54 0.00	20.06 -0.58 0.00	21.50 -0.64 0.00	26.76 -0.92 0.00	30.78 -1.75 0.00	26.90 -0.99 0.00	20.28 -0.57 0.00	19.04 -0.47 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.58 -0.42 0.00	19.51 -0.54 0.00	20.33 -0.42 0.00	23.84 -0.87 0.00	28.75 -1.27 0.00	21.15 -1.26 0.00	20.30 -1.15 0.00	19.77 -1.17 0.00	18.78 -1.37 0.00	19.69 -1.27 0.00	17.56 -0.99 0.00
OXBOW___BTM 323836	20.05 -1.20 0.00	19.66 -1.00 0.00	20.29 -0.86 0.00	19.33 -0.74 0.00	19.85 -0.79 0.00	21.29 -0.86 0.00	26.48 -1.20 0.00	30.45 -2.08 0.00	26.63 -1.26 0.00	20.06 -0.78 0.00	18.82 -0.69 0.00	18.83 -0.52 0.00	17.86 -0.62 0.00	18.34 -0.65 0.00	19.27 -0.79 0.00	20.09 -0.66 0.00	23.56 -1.15 0.00	28.41 -1.62 0.00	20.89 -1.51 0.00	20.06 -1.39 0.00	19.55 -1.39 0.00	18.57 -1.59 0.00	19.51 -1.45 0.00	17.41 -1.15 0.00

OXBOW____ 24026	20.05 -1.20 0.00	19.66 -1.00 0.00	20.29 -0.87 0.00	19.33 -0.74 0.00	19.85 -0.79 0.00	20.20 -0.86 1.08	26.48 -1.20 0.00	28.16 -2.09 2.27	22.52 -1.24 4.13	18.95 -0.78 1.12	18.29 -0.69 0.54	18.83 -0.52 0.00	17.87 -0.62 0.00	18.34 -0.65 0.00	19.27 -0.79 0.00	20.09 -0.66 0.00	23.57 -1.15 0.00	28.40 -1.62 0.00	20.89 -1.51 0.00	20.06 -1.39 0.00	19.55 -1.39 0.00	18.56 -1.59 0.00	19.51 -1.45 0.00	17.41 -1.15 0.00
OXY_CHEM_DSASP 323612	19.74 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	20.96 -1.19 0.00	26.04 -1.64 0.00	29.94 -2.59 0.00	26.19 -1.70 0.00	19.73 -1.12 0.00	18.49 -1.03 0.00	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.00 0.00	18.92 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.59 0.00	27.88 -2.14 0.00	20.51 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
OZONE_PARK_ESR 323760	22.53 1.28 0.00	21.83 1.17 0.00	22.27 1.12 0.00	21.10 1.04 0.00	21.62 0.98 0.00	23.24 1.09 0.00	29.11 1.43 0.00	34.34 1.82 0.00	29.35 1.46 0.00	21.99 1.14 0.00	20.60 1.09 0.00	20.36 1.01 0.00	19.52 1.03 0.00	20.07 1.08 0.00	21.19 1.13 0.00	21.90 1.15 0.00	26.19 1.47 0.00	32.10 2.08 0.00	24.06 1.65 0.00	23.02 1.57 0.00	22.47 1.53 0.00	21.59 1.44 0.00	22.31 1.35 0.00	19.81 1.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.74 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	20.96 -1.19 0.00	26.04 -1.64 0.00	29.94 -2.59 0.00	26.19 -1.70 0.00	19.73 -1.12 0.00	18.49 -1.03 0.00	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.00 0.00	18.92 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.59 0.00	27.88 -2.14 0.00	20.51 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
PACKARD__115KV_DUPONT_184 80571	19.74 -1.51 0.00	19.36 -1.30 0.00	19.98 -1.17 0.00	19.03 -1.04 0.00	19.54 -1.10 0.00	20.96 -1.19 0.00	26.04 -1.64 0.00	29.94 -2.59 0.00	26.19 -1.70 0.00	19.73 -1.12 0.00	18.49 -1.03 0.00	18.48 -0.87 0.00	17.53 -0.96 0.00	17.99 -1.00 0.00	18.92 -1.14 0.00	19.74 -1.01 0.00	23.13 -1.59 0.00	27.88 -2.14 0.00	20.51 -1.90 0.00	19.69 -1.76 0.00	19.20 -1.74 0.00	18.23 -1.92 0.00	19.21 -1.75 0.00	17.15 -1.41 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.38 1.13 0.00	21.65 1.00 0.00	22.10 0.95 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.03 0.89 0.00	28.85 1.17 0.00	34.08 1.55 0.00	29.14 1.25 0.00	21.83 0.99 0.00	20.43 0.92 0.00	20.19 0.84 0.00	19.36 0.87 0.00	19.89 0.90 0.00	21.02 0.97 0.00	21.72 0.96 0.00	25.96 1.25 0.00	31.82 1.80 0.00	23.86 1.45 0.00	22.86 1.41 0.00	22.29 1.35 0.00	21.42 1.26 0.00	22.13 1.17 0.00	19.67 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.38 1.13 0.00	21.65 1.00 0.00	22.20 1.05 0.00	21.05 0.98 0.00	21.56 0.92 0.00	23.17 1.02 0.00	29.02 1.34 0.00	34.28 1.75 0.00	29.30 1.41 0.00	21.94 1.09 0.00	20.54 1.03 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.90 0.90 0.00	21.03 0.97 0.00	21.72 0.97 0.00	25.96 1.25 0.00	31.83 1.81 0.00	23.86 1.46 0.00	22.87 1.42 0.00	22.30 1.35 0.00	21.42 1.27 0.00	22.14 1.18 0.00	19.68 1.12 0.00
PATROON__115KV_TB1 80586	21.38 0.14 0.00	20.75 0.09 0.00	21.20 0.05 0.00	20.09 0.02 0.00	20.66 0.02 0.00	22.17 0.03 0.00	27.76 0.08 0.00	32.68 0.15 0.00	28.01 0.11 0.00	20.89 0.04 0.00	19.50 -0.02 0.00	19.27 -0.09 0.00	18.46 -0.03 0.00	18.96 -0.04 0.00	20.07 0.01 0.00	20.85 0.10 0.00	24.97 0.25 0.00	30.57 0.54 0.00	22.84 0.43 0.00	21.83 0.38 0.00	21.32 0.38 0.00	20.47 0.32 0.00	21.23 0.27 0.00	18.86 0.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.78 -0.47 0.00	20.37 -0.29 0.00	21.00 -0.15 0.00	20.01 -0.06 0.00	20.59 -0.05 0.00	22.07 -0.08 0.00	27.45 -0.23 0.00	31.68 -0.85 0.00	27.60 -0.29 0.00	20.87 0.02 0.00	19.69 0.17 0.00	19.72 0.37 0.00	18.72 0.23 0.00	19.21 0.22 0.00	20.18 0.12 0.00	20.99 0.24 0.00	24.61 -0.11 0.00	29.71 -0.31 0.00	21.90 -0.51 0.00	21.00 -0.45 0.00	20.45 -0.49 0.00	19.44 -0.72 0.00	20.31 -0.65 0.00	18.09 -0.47 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.39 1.14 0.00	21.70 1.05 0.00	22.16 1.00 0.00	21.00 0.93 0.00	21.55 0.91 0.00	23.17 1.02 0.00	29.03 1.35 0.00	34.24 1.71 0.00	29.29 1.40 0.00	21.87 1.03 0.00	20.46 0.95 0.00	20.20 0.86 0.00	19.35 0.86 0.00	19.90 0.91 0.00	21.02 0.97 0.00	21.77 1.02 0.00	26.09 1.37 0.00	32.00 1.98 0.00	23.96 1.56 0.00	22.92 1.47 0.00	22.38 1.43 0.00	21.49 1.33 0.00	22.22 1.26 0.00	19.71 1.15 0.00
PEEKSKILL____ 23653	22.16 0.91 0.00	21.48 0.83 0.00	21.93 0.78 0.00	20.79 0.72 0.00	21.32 0.69 0.00	22.92 0.77 0.00	28.70 1.03 0.00	33.84 1.31 0.00	28.92 1.03 0.00	21.60 0.76 0.00	20.22 0.71 0.00	19.98 0.63 0.00	19.15 0.66 0.00	19.69 0.70 0.00	20.80 0.74 0.00	21.51 0.76 0.00	25.74 1.02 0.00	31.55 1.53 0.00	23.64 1.23 0.00	22.63 1.18 0.00	22.09 1.15 0.00	21.22 1.06 0.00	21.96 1.00 0.00	19.49 0.94 0.00
PGE MADISON__WINDPWR 24146	22.40 1.15 0.00	21.74 1.08 0.00	22.24 1.09 0.00	21.16 1.10 0.00	21.96 1.32 0.00	24.06 1.65 -0.26	30.02 2.34 0.00	35.96 2.88 -0.55	31.43 2.55 -0.99	23.12 2.01 -0.27	21.48 1.84 -0.13	21.13 1.78 0.00	19.89 1.41 0.00	20.24 1.25 0.00	21.46 1.40 0.00	22.51 1.77 0.00	26.82 2.10 0.00	32.55 2.53 0.00	23.96 1.55 0.00	22.83 1.38 0.00	22.14 1.19 0.00	21.18 1.03 0.00	21.77 0.81 0.00	19.24 0.68 0.00
PIERCEFIELD__HYD 23852	21.39 0.15 0.00	20.82 0.17 0.00	21.41 0.25 0.00	20.28 0.21 0.00	20.86 0.22 0.00	22.19 0.05 0.00	27.60 -0.07 0.00	32.50 -0.03 0.00	27.90 0.01 0.00	20.80 -0.05 0.00	19.45 -0.06 0.00	19.32 -0.03 0.00	18.46 -0.02 0.00	18.99 0.00 0.00	20.07 0.01 0.00	20.64 -0.11 0.00	24.56 -0.16 0.00	29.35 -0.66 0.00	21.85 -0.55 0.00	20.98 -0.46 0.00	20.53 -0.41 0.00	19.86 -0.30 0.00	20.80 -0.16 0.00	18.44 -0.12 0.00
PINELAWN_CC_1 323563	22.82 1.57 0.00	22.13 1.48 0.00	22.55 1.40 0.00	21.36 1.29 0.00	21.89 1.25 0.00	23.61 1.46 0.00	31.24 1.95 -1.61	35.03 2.38 -0.12	29.76 1.86 0.00	22.13 1.28 0.00	20.81 1.30 0.00	20.45 1.10 0.00	19.55 1.07 0.00	20.14 1.15 0.00	21.36 1.30 0.00	21.99 1.24 0.00	26.47 1.75 0.00	32.87 2.53 -0.32	24.65 2.02 -0.22	24.04 1.89 -0.70	28.06 1.85 -5.27	22.55 1.70 -0.70	40.43 1.68 -17.79	42.35 1.56 -22.24
PJM_GEN_HTP_PROXY 323702	22.31 1.07 0.00	21.62 0.96 0.00	22.06 0.90 0.00	20.91 0.84 0.00	21.43 0.79 0.00	23.03 0.88 0.00	28.84 1.16 0.00	36.27 1.48 -2.25	29.05 1.16 0.00	21.75 0.91 0.00	20.39 0.87 0.00	20.15 0.80 0.00	19.31 0.82 0.00	19.86 0.87 0.00	20.97 0.91 0.00	21.67 0.93 0.00	25.91 1.19 0.00	31.74 1.72 0.00	23.79 1.39 0.00	22.77 1.32 0.00	22.23 1.29 0.00	21.35 1.20 0.00	22.08 1.12 0.00	19.61 1.05 0.00

PJM_GEN_KEystone 24065	21.25 0.01 0.00	20.70 0.04 0.00	21.23 0.07 0.00	20.17 0.10 0.00	20.72 0.08 0.00	21.20 0.07 1.02	27.75 0.08 0.00	32.58 -0.07 -0.12	24.02 0.00 3.87	19.89 0.09 1.05	19.16 0.14 0.51	19.54 0.19 0.00	18.67 0.18 0.00	19.16 0.17 0.00	20.19 0.13 0.00	20.90 0.15 0.00	24.77 0.06 0.00	30.18 0.16 0.00	22.49 0.08 0.00	21.56 0.11 0.00	21.04 0.10 0.00	20.15 0.00 0.00	20.94 -0.02 0.00	18.61 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.48 1.24 0.00	21.80 1.14 0.00	22.22 1.07 0.00	21.05 0.99 0.00	21.58 0.95 0.00	23.24 1.10 0.00	30.76 1.46 -1.61	36.73 1.82 -2.38	29.31 1.42 0.00	21.85 1.00 0.00	20.52 1.01 0.00	20.21 0.87 0.00	19.35 0.86 0.00	19.92 0.92 0.00	21.09 1.03 0.00	21.73 0.98 0.00	26.09 1.37 0.00	32.33 1.99 -0.32	24.24 1.61 -0.22	23.67 1.52 -0.70	27.71 1.50 -5.27	22.23 1.37 -0.70	40.09 1.34 -17.79	42.05 1.25 -22.24
PJM_GEN_VFT_PROXY 323633	22.20 0.95 0.00	21.51 0.85 0.00	21.96 0.80 0.00	20.81 0.74 0.00	21.33 0.69 0.00	22.91 0.77 0.00	28.69 1.01 0.00	36.10 1.31 -2.25	28.92 1.02 0.00	21.65 0.80 0.00	20.28 0.76 0.00	20.04 0.69 0.00	19.23 0.74 0.00	19.76 0.77 0.00	20.86 0.80 0.00	21.56 0.81 0.00	25.77 1.06 0.00	31.59 1.57 0.00	23.68 1.28 0.00	22.67 1.22 0.00	22.12 1.18 0.00	21.25 1.10 0.00	21.97 1.01 0.00	19.52 0.96 0.00
PLATSBRG_115KV_PMLD1 355749	21.51 0.26 0.00	20.85 0.19 0.00	21.43 0.28 0.00	20.28 0.22 0.00	20.87 0.23 0.00	22.54 0.39 0.00	28.49 0.81 0.00	33.67 1.14 0.00	28.81 0.92 0.00	21.45 0.60 0.00	20.07 0.55 0.00	19.91 0.56 0.00	19.00 0.51 0.00	19.65 0.65 0.00	20.74 0.68 0.00	21.25 0.50 0.00	24.94 0.23 0.00	29.93 -0.10 0.00	22.15 -0.26 0.00	21.24 -0.20 0.00	21.09 0.16 0.00	20.28 0.12 0.00	21.05 0.09 0.00	18.29 -0.27 0.00
PLEASANTVLY___LBMP 24000	22.02 0.78 0.00	21.36 0.70 0.00	21.80 0.65 0.00	20.66 0.59 0.00	21.20 0.56 0.00	22.78 0.64 0.00	28.53 0.85 0.00	33.62 1.09 0.00	28.75 0.86 0.00	21.48 0.63 0.00	20.10 0.59 0.00	19.85 0.50 0.00	19.01 0.53 0.00	19.57 0.57 0.00	20.67 0.62 0.00	21.39 0.64 0.00	25.61 0.90 0.00	31.41 1.38 0.00	23.51 1.11 0.00	22.50 1.05 0.00	21.97 1.03 0.00	21.11 0.95 0.00	21.85 0.89 0.00	19.40 0.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.22 0.97 0.00	21.54 0.88 0.00	21.99 0.84 0.00	20.84 0.77 0.00	21.38 0.74 0.00	22.97 0.83 0.00	28.76 1.08 0.00	33.93 1.40 0.00	29.00 1.11 0.00	21.68 0.84 0.00	20.30 0.79 0.00	20.05 0.70 0.00	19.21 0.73 0.00	19.76 0.76 0.00	20.87 0.81 0.00	21.58 0.83 0.00	25.84 1.12 0.00	31.66 1.64 0.00	23.72 1.32 0.00	22.70 1.25 0.00	22.16 1.22 0.00	21.29 1.14 0.00	22.02 1.06 0.00	19.55 1.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.22 0.97 0.00	21.54 0.88 0.00	21.99 0.84 0.00	20.84 0.77 0.00	21.38 0.74 0.00	22.97 0.83 0.00	28.76 1.08 0.00	33.93 1.40 0.00	29.00 1.11 0.00	21.68 0.84 0.00	20.30 0.79 0.00	20.05 0.70 0.00	19.21 0.73 0.00	19.76 0.76 0.00	20.87 0.81 0.00	21.58 0.83 0.00	25.84 1.12 0.00	31.66 1.64 0.00	23.72 1.32 0.00	22.70 1.25 0.00	22.16 1.22 0.00	21.29 1.14 0.00	22.02 1.06 0.00	19.55 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.23 0.99 0.00	21.56 0.90 0.00	22.01 0.86 0.00	20.86 0.80 0.00	21.41 0.77 0.00	23.02 0.87 0.00	28.83 1.15 0.00	34.00 1.47 0.00	29.07 1.18 0.00	21.70 0.85 0.00	20.28 0.77 0.00	20.01 0.67 0.00	19.17 0.68 0.00	19.72 0.73 0.00	20.86 0.80 0.00	21.61 0.86 0.00	25.91 1.20 0.00	31.79 1.77 0.00	23.80 1.39 0.00	22.77 1.32 0.00	22.22 1.28 0.00	21.34 1.19 0.00	22.08 1.12 0.00	19.58 1.03 0.00
POLETTI_____ 23519	22.30 1.05 0.00	21.61 0.95 0.00	22.04 0.89 0.00	20.91 0.85 0.00	21.42 0.78 0.00	23.01 0.87 0.00	28.81 1.13 0.00	33.99 1.46 0.00	29.03 1.14 0.00	21.74 0.90 0.00	20.39 0.88 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.87 0.88 0.00	20.97 0.91 0.00	21.66 0.91 0.00	25.89 1.18 0.00	31.72 1.70 0.00	23.77 1.37 0.00	22.76 1.31 0.00	22.21 1.27 0.00	21.35 1.19 0.00	22.06 1.10 0.00	19.61 1.05 0.00
POMONA___ESR 323819	22.15 0.91 0.00	21.48 0.82 0.00	21.94 0.78 0.00	20.79 0.73 0.00	21.34 0.70 0.00	22.93 0.78 0.00	28.72 1.04 0.00	33.86 1.33 0.00	28.92 1.03 0.00	21.60 0.75 0.00	20.21 0.69 0.00	19.97 0.62 0.00	19.14 0.65 0.00	19.68 0.69 0.00	20.79 0.73 0.00	21.49 0.74 0.00	25.71 1.00 0.00	31.54 1.52 0.00	23.62 1.21 0.00	22.61 1.17 0.00	22.08 1.14 0.00	21.21 1.05 0.00	21.96 0.99 0.00	19.49 0.93 0.00
PORT_JEFF_3 23555	22.87 1.62 0.00	22.21 1.55 0.00	22.62 1.47 0.00	21.44 1.38 0.00	21.97 1.33 0.00	23.72 1.58 0.00	31.38 2.09 -1.61	35.19 2.54 -0.12	29.81 1.92 0.00	22.08 1.23 0.00	20.80 1.29 0.00	20.42 1.07 0.00	19.52 1.03 0.00	20.11 1.12 0.00	21.36 1.30 0.00	21.93 1.18 0.00	26.44 1.72 0.00	32.91 2.57 -0.32	24.66 2.03 -0.22	24.03 1.88 -0.70	28.07 1.86 -5.27	22.55 1.70 -0.70	40.46 1.70 -17.79	42.43 1.64 -22.24
PORT_JEFF_4 23616	22.87 1.62 0.00	22.21 1.55 0.00	22.62 1.47 0.00	21.44 1.38 0.00	21.97 1.33 0.00	23.72 1.58 0.00	31.38 2.09 -1.61	35.19 2.54 -0.12	29.81 1.92 0.00	22.08 1.23 0.00	20.80 1.29 0.00	20.42 1.07 0.00	19.52 1.03 0.00	20.11 1.12 0.00	21.36 1.30 0.00	21.93 1.18 0.00	26.44 1.72 0.00	32.91 2.57 -0.32	24.66 2.03 -0.22	24.03 1.88 -0.70	28.07 1.86 -5.27	22.55 1.70 -0.70	40.46 1.70 -17.79	42.43 1.64 -22.24
PORT_JEFF_IC 23713	22.88 1.63 0.00	22.22 1.56 0.00	22.63 1.48 0.00	21.45 1.38 0.00	21.98 1.34 0.00	23.74 1.59 0.00	31.40 2.11 -1.61	35.21 2.56 -0.12	29.83 1.94 0.00	22.09 1.24 0.00	20.81 1.29 0.00	20.43 1.08 0.00	19.52 1.03 0.00	20.11 1.12 0.00	21.37 1.31 0.00	21.94 1.19 0.00	26.46 1.74 0.00	32.95 2.61 -0.32	24.69 2.06 -0.22	24.05 1.90 -0.70	28.09 1.88 -5.27	22.57 1.71 -0.70	40.48 1.72 -17.79	42.45 1.65 -22.24
PPL PILGRIM_ST_GT1 24216	22.94 1.70 0.00	22.26 1.60 0.00	22.68 1.53 0.00	21.48 1.42 0.00	22.01 1.37 0.00	23.76 1.61 0.00	31.42 2.13 -1.61	35.24 2.59 -0.12	29.91 2.02 0.00	22.21 1.37 0.00	20.91 1.40 0.00	20.54 1.19 0.00	19.63 1.15 0.00	20.22 1.23 0.00	21.47 1.42 0.00	22.08 1.33 0.00	26.57 1.86 0.00	32.93 2.59 -0.32	24.76 2.13 -0.22	24.13 1.98 -0.70	28.16 1.95 -5.27	22.64 1.78 -0.70	40.54 1.78 -17.79	42.47 1.67 -22.24
PPL PILGRIM_ST_GT2 24217	22.94 1.70 0.00	22.26 1.60 0.00	22.68 1.53 0.00	21.48 1.42 0.00	22.01 1.37 0.00	23.76 1.61 0.00	31.42 2.13 -1.61	35.24 2.59 -0.12	29.91 2.02 0.00	22.21 1.37 0.00	20.91 1.40 0.00	20.54 1.19 0.00	19.63 1.15 0.00	20.22 1.23 0.00	21.47 1.42 0.00	22.08 1.33 0.00	26.57 1.86 0.00	32.93 2.59 -0.32	24.76 2.13 -0.22	24.13 1.98 -0.70	28.16 1.95 -5.27	22.64 1.78 -0.70	40.54 1.78 -17.79	42.47 1.67 -22.24

PPL_SHRM_GT3 24213	22.88 1.63 0.00	22.27 1.61 0.00	22.69 1.54 0.00	21.55 1.48 0.00	22.08 1.44 0.00	23.86 1.71 0.00	31.57 2.28 -1.61	35.36 2.70 -0.12	29.85 1.95 0.00	21.92 1.07 0.00	20.69 1.17 0.00	20.29 0.94 0.00	19.38 0.89 0.00	19.98 0.98 0.00	21.24 1.18 0.00	21.71 0.96 0.00	26.23 1.51 0.00	32.88 2.53 -0.32	24.60 1.97 -0.22	23.92 1.77 -0.70	28.01 1.79 -5.27	22.48 1.62 -0.70	40.44 1.68 -17.79	42.53 1.73 -22.24
PPL_SHRM_GT4 24214	22.88 1.63 0.00	22.27 1.61 0.00	22.69 1.54 0.00	21.55 1.48 0.00	22.08 1.44 0.00	23.86 1.71 0.00	31.57 2.28 -1.61	35.36 2.70 -0.12	29.85 1.95 0.00	21.92 1.07 0.00	20.69 1.17 0.00	20.29 0.94 0.00	19.38 0.89 0.00	19.98 0.98 0.00	21.24 1.18 0.00	21.71 0.96 0.00	26.23 1.51 0.00	32.88 2.53 -0.32	24.60 1.97 -0.22	23.92 1.77 -0.70	28.01 1.79 -5.27	22.48 1.62 -0.70	40.44 1.68 -17.79	42.53 1.73 -22.24
PROJECT___ORANGE 1 24174	20.94 -0.31 0.00	20.37 -0.29 0.00	20.88 -0.28 0.00	19.83 -0.23 0.00	20.40 -0.23 0.00	21.88 -0.26 0.00	27.36 -0.31 0.00	32.10 -0.42 0.00	27.58 -0.32 0.00	20.64 -0.20 0.00	19.34 -0.18 0.00	19.18 -0.17 0.00	18.29 -0.19 0.00	18.76 -0.24 0.00	19.79 -0.26 0.00	20.54 -0.21 0.00	24.45 -0.26 0.00	29.75 -0.27 0.00	22.15 -0.25 0.00	21.18 -0.26 0.00	20.67 -0.27 0.00	19.84 -0.32 0.00	20.67 -0.29 0.00	18.31 -0.25 0.00
PROJECT___ORANGE 2 24166	20.94 -0.31 0.00	20.37 -0.29 0.00	20.88 -0.28 0.00	19.83 -0.23 0.00	20.40 -0.23 0.00	21.88 -0.26 0.00	27.36 -0.31 0.00	32.10 -0.42 0.00	27.58 -0.32 0.00	20.64 -0.20 0.00	19.34 -0.18 0.00	19.18 -0.17 0.00	18.29 -0.19 0.00	18.76 -0.24 0.00	19.79 -0.26 0.00	20.54 -0.21 0.00	24.45 -0.26 0.00	29.75 -0.27 0.00	22.15 -0.25 0.00	21.18 -0.26 0.00	20.67 -0.27 0.00	19.84 -0.32 0.00	20.67 -0.29 0.00	18.31 -0.25 0.00
PUCKETT___SOLAR 323809	21.35 0.11 0.00	20.74 0.08 0.00	21.29 0.14 0.00	20.25 0.19 0.00	20.90 0.26 0.00	22.79 0.38 -0.27	28.26 0.58 0.00	33.75 0.66 -0.57	29.49 0.56 -1.03	21.66 0.53 -0.28	20.18 0.53 -0.13	19.88 0.53 0.00	18.83 0.34 0.00	19.25 0.25 0.00	20.36 0.31 0.00	21.19 0.44 0.00	25.17 0.46 0.00	30.59 0.57 0.00	22.65 0.25 0.00	21.67 0.22 0.00	21.10 0.16 0.00	20.23 0.07 0.00	20.95 0.00 0.00	18.54 -0.02 0.00
PYRITES___HYD 24023	21.91 0.67 0.00	21.33 0.67 0.00	21.91 0.76 0.00	20.72 0.66 0.00	21.32 0.68 0.00	22.74 0.59 0.00	28.30 0.62 0.00	33.32 0.79 0.00	28.59 0.70 0.00	21.25 0.40 0.00	19.84 0.33 0.00	19.72 0.37 0.00	18.86 0.37 0.00	19.39 0.39 0.00	20.52 0.47 0.00	21.10 0.35 0.00	25.24 0.52 0.00	30.20 0.17 0.00	22.48 0.08 0.00	21.58 0.13 0.00	21.11 0.17 0.00	20.42 0.27 0.00	21.33 0.37 0.00	18.87 0.31 0.00
QUAKERRD_115KV_BK1 80622	20.21 -1.04 0.00	19.71 -0.95 0.00	20.26 -0.90 0.00	19.26 -0.81 0.00	19.81 -0.83 0.00	21.23 -0.91 0.00	26.51 -1.17 0.00	30.87 -1.66 0.00	26.68 -1.21 0.00	20.04 -0.81 0.00	18.81 -0.71 0.00	18.75 -0.60 0.00	17.83 -0.65 0.00	18.32 -0.68 0.00	19.30 -0.75 0.00	20.09 -0.66 0.00	23.76 -0.95 0.00	28.80 -1.22 0.00	21.34 -1.06 0.00	20.44 -1.01 0.00	19.94 -1.00 0.00	19.04 -1.11 0.00	19.87 -1.09 0.00	17.63 -0.93 0.00
QUENSBRY_115KV_TB8 356137	22.19 0.95 0.00	21.54 0.88 0.00	21.89 0.74 0.00	20.73 0.67 0.00	21.36 0.72 0.00	22.98 0.84 0.00	28.87 1.19 0.00	34.04 1.51 0.00	29.00 1.11 0.00	21.45 0.61 0.00	19.92 0.40 0.00	19.65 0.31 0.00	18.76 0.28 0.00	19.43 0.43 0.00	20.70 0.64 0.00	21.64 0.89 0.00	25.97 1.25 0.00	31.82 1.80 0.00	23.66 1.25 0.00	22.53 1.08 0.00	22.07 1.12 0.00	21.23 1.08 0.00	21.94 0.97 0.00	19.43 0.87 0.00
RAMAPO___LBMP 323565	22.07 0.83 0.00	21.41 0.75 0.00	21.86 0.71 0.00	20.73 0.66 0.00	21.26 0.63 0.00	22.86 0.71 0.00	28.62 0.94 0.00	33.74 1.21 0.00	28.82 0.93 0.00	21.52 0.67 0.00	20.14 0.62 0.00	19.90 0.55 0.00	19.07 0.58 0.00	19.61 0.62 0.00	20.70 0.64 0.00	21.41 0.66 0.00	25.61 0.90 0.00	31.41 1.39 0.00	23.52 1.11 0.00	22.52 1.07 0.00	21.99 1.05 0.00	21.12 0.97 0.00	21.87 0.91 0.00	19.42 0.86 0.00
RANKINE____ 23646	20.40 -0.84 0.00	20.02 -0.64 0.00	20.67 -0.48 0.00	19.70 -0.36 0.00	20.26 -0.38 0.00	21.71 -0.43 0.00	27.05 -0.63 0.00	31.15 -1.38 0.00	27.13 -0.76 0.00	20.49 -0.36 0.00	19.30 -0.21 0.00	19.36 0.02 0.00	18.38 -0.11 0.00	18.85 -0.15 0.00	19.78 -0.27 0.00	20.59 -0.16 0.00	24.15 -0.57 0.00	29.12 -0.91 0.00	21.43 -0.98 0.00	20.54 -0.90 0.00	19.99 -0.95 0.00	18.99 -1.16 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
RAVENSWOOD_GT2_1 24244	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.10 1.20 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.23 0.00	22.10 1.14 0.00	19.64 1.08 0.00
RAVENSWOOD_GT2_2 24245	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.10 1.20 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.23 0.00	22.10 1.14 0.00	19.64 1.08 0.00
RAVENSWOOD_GT2_3 24246	22.34 1.09 0.00	21.65 0.99 0.00	22.09 0.93 0.00	20.93 0.87 0.00	21.46 0.82 0.00	23.06 0.91 0.00	28.87 1.20 0.00	34.07 1.54 0.00	29.11 1.21 0.00	21.79 0.94 0.00	20.41 0.90 0.00	20.17 0.82 0.00	19.34 0.85 0.00	19.89 0.90 0.00	20.99 0.94 0.00	21.70 0.95 0.00	25.95 1.23 0.00	31.80 1.77 0.00	23.83 1.43 0.00	22.81 1.36 0.00	22.26 1.32 0.00	21.39 1.24 0.00	22.11 1.15 0.00	19.64 1.09 0.00
RAVENSWOOD_GT2_4 24247	22.34 1.09 0.00	21.65 0.99 0.00	22.09 0.93 0.00	20.93 0.87 0.00	21.46 0.82 0.00	23.06 0.91 0.00	28.87 1.20 0.00	34.07 1.54 0.00	29.11 1.21 0.00	21.79 0.94 0.00	20.41 0.90 0.00	20.17 0.82 0.00	19.34 0.85 0.00	19.89 0.90 0.00	20.99 0.94 0.00	21.70 0.95 0.00	25.95 1.23 0.00	31.80 1.77 0.00	23.83 1.43 0.00	22.81 1.36 0.00	22.26 1.32 0.00	21.39 1.24 0.00	22.11 1.15 0.00	19.64 1.09 0.00
RAVENSWOOD_GT3_1 24248	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.10 1.20 0.00	21.78 0.94 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.33 0.85 0.00	19.88 0.89 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.23 0.00	22.10 1.14 0.00	19.64 1.08 0.00

RAVENSWOOD_GT3_2 24249	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.10 1.20 0.00	21.78 0.94 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.33 0.85 0.00	19.88 0.89 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.23 0.00	22.10 1.14 0.00	19.64 1.08 0.00
RAVENSWOOD_GT3_3 24250	22.36 1.11 0.00	21.67 1.01 0.00	22.11 0.96 0.00	20.95 0.89 0.00	21.47 0.83 0.00	23.08 0.93 0.00	28.90 1.22 0.00	34.10 1.57 0.00	29.13 1.24 0.00	21.81 0.97 0.00	20.44 0.92 0.00	20.20 0.85 0.00	19.36 0.87 0.00	19.91 0.92 0.00	21.02 0.97 0.00	21.73 0.98 0.00	25.98 1.27 0.00	31.83 1.81 0.00	23.86 1.45 0.00	22.83 1.39 0.00	22.29 1.34 0.00	21.41 1.26 0.00	22.13 1.18 0.00	19.66 1.11 0.00
RAVENSWOOD_GT3_4 24251	22.36 1.11 0.00	21.67 1.01 0.00	22.11 0.96 0.00	20.95 0.89 0.00	21.47 0.83 0.00	23.08 0.93 0.00	28.90 1.22 0.00	34.10 1.57 0.00	29.13 1.24 0.00	21.81 0.97 0.00	20.44 0.92 0.00	20.20 0.85 0.00	19.36 0.87 0.00	19.91 0.92 0.00	21.02 0.97 0.00	21.73 0.98 0.00	25.98 1.27 0.00	31.83 1.81 0.00	23.86 1.45 0.00	22.83 1.39 0.00	22.29 1.34 0.00	21.41 1.26 0.00	22.13 1.18 0.00	19.66 1.11 0.00
RAVENSWOOD_GT_1 23729	22.44 1.19 0.00	21.73 1.07 0.00	22.18 1.03 0.00	21.01 0.94 0.00	21.53 0.89 0.00	23.13 0.99 0.00	28.98 1.30 0.00	34.20 1.67 0.00	29.23 1.33 0.00	21.89 1.04 0.00	20.50 0.98 0.00	20.25 0.90 0.00	19.41 0.93 0.00	19.96 0.97 0.00	21.08 1.02 0.00	21.78 1.03 0.00	26.05 1.34 0.00	31.92 1.91 0.00	23.93 1.53 0.00	22.92 1.47 0.00	22.37 1.43 0.00	21.49 1.33 0.00	22.20 1.24 0.00	19.72 1.16 0.00
RAVENSWOOD_GT_10 24258	22.33 1.08 0.00	21.64 0.98 0.00	22.08 0.92 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.09 1.19 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.16 0.81 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.22 0.00	22.10 1.14 0.00	19.63 1.08 0.00
RAVENSWOOD_GT_11 24259	22.33 1.08 0.00	21.64 0.98 0.00	22.08 0.92 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.09 1.19 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.16 0.81 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.22 0.00	22.10 1.14 0.00	19.63 1.08 0.00
RAVENSWOOD_GT_4 24252	22.32 1.08 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.03 1.51 0.00	29.08 1.19 0.00	21.77 0.93 0.00	20.40 0.89 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.88 0.88 0.00	20.98 0.93 0.00	21.68 0.93 0.00	25.93 1.21 0.00	31.77 1.75 0.00	23.81 1.40 0.00	22.78 1.34 0.00	22.24 1.30 0.00	21.37 1.22 0.00	22.09 1.13 0.00	19.63 1.07 0.00
RAVENSWOOD_GT_5 24254	22.32 1.08 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.03 1.51 0.00	29.08 1.19 0.00	21.77 0.93 0.00	20.40 0.89 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.88 0.88 0.00	20.98 0.93 0.00	21.68 0.93 0.00	25.93 1.21 0.00	31.77 1.75 0.00	23.81 1.40 0.00	22.78 1.34 0.00	22.24 1.30 0.00	21.37 1.22 0.00	22.09 1.13 0.00	19.63 1.07 0.00
RAVENSWOOD_GT_6 24253	22.32 1.08 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.03 1.51 0.00	29.08 1.19 0.00	21.77 0.93 0.00	20.40 0.89 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.88 0.88 0.00	20.98 0.93 0.00	21.68 0.93 0.00	25.93 1.21 0.00	31.77 1.75 0.00	23.81 1.40 0.00	22.78 1.34 0.00	22.24 1.30 0.00	21.37 1.22 0.00	22.09 1.13 0.00	19.63 1.07 0.00
RAVENSWOOD_GT_7 24255	22.32 1.08 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.86 1.18 0.00	34.03 1.51 0.00	29.08 1.19 0.00	21.77 0.93 0.00	20.40 0.89 0.00	20.15 0.80 0.00	19.32 0.84 0.00	19.88 0.88 0.00	20.98 0.93 0.00	21.68 0.93 0.00	25.93 1.21 0.00	31.77 1.75 0.00	23.81 1.40 0.00	22.78 1.34 0.00	22.24 1.30 0.00	21.37 1.22 0.00	22.09 1.13 0.00	19.63 1.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.33 1.08 0.00	21.64 0.98 0.00	22.08 0.92 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.09 1.19 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.16 0.81 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.22 0.00	22.10 1.14 0.00	19.63 1.08 0.00
RAVENSWOOD_GT_9 24257	22.33 1.08 0.00	21.64 0.98 0.00	22.08 0.92 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.09 1.19 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.16 0.81 0.00	19.33 0.85 0.00	19.88 0.88 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.82 1.41 0.00	22.80 1.35 0.00	22.25 1.31 0.00	21.38 1.22 0.00	22.10 1.14 0.00	19.63 1.08 0.00
RAVENSWOOD___1 23533	22.39 1.14 0.00	21.68 1.03 0.00	22.13 0.98 0.00	20.96 0.90 0.00	21.48 0.85 0.00	23.09 0.94 0.00	28.92 1.24 0.00	34.13 1.60 0.00	29.16 1.27 0.00	21.84 0.99 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.93 0.00	21.04 0.98 0.00	21.74 0.99 0.00	25.99 1.28 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.87 1.42 0.00	22.32 1.38 0.00	21.44 1.28 0.00	22.16 1.20 0.00	19.68 1.12 0.00
RAVENSWOOD___2 23534	22.39 1.14 0.00	21.68 1.03 0.00	22.13 0.98 0.00	20.96 0.90 0.00	21.48 0.85 0.00	23.09 0.94 0.00	28.92 1.24 0.00	34.13 1.60 0.00	29.16 1.27 0.00	21.84 0.99 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.93 0.00	21.04 0.98 0.00	21.74 0.99 0.00	25.99 1.28 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.87 1.42 0.00	22.32 1.38 0.00	21.44 1.28 0.00	22.16 1.20 0.00	19.68 1.12 0.00
RAVENSWOOD___3 23535	22.33 1.09 0.00	21.64 0.98 0.00	22.08 0.93 0.00	20.93 0.86 0.00	21.45 0.81 0.00	23.05 0.90 0.00	28.87 1.19 0.00	34.05 1.52 0.00	29.10 1.20 0.00	21.78 0.93 0.00	20.41 0.89 0.00	20.17 0.82 0.00	19.33 0.84 0.00	19.88 0.89 0.00	20.99 0.93 0.00	21.69 0.94 0.00	25.94 1.22 0.00	31.78 1.76 0.00	23.83 1.42 0.00	22.80 1.36 0.00	22.26 1.31 0.00	21.38 1.22 0.00	22.11 1.15 0.00	19.64 1.08 0.00

RAVENSWOOD___4 23820	22.39 1.14 0.00	21.68 1.03 0.00	22.13 0.98 0.00	20.96 0.90 0.00	21.48 0.85 0.00	23.09 0.94 0.00	28.92 1.24 0.00	34.13 1.60 0.00	29.16 1.27 0.00	21.84 0.99 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.37 0.88 0.00	19.92 0.93 0.00	21.04 0.98 0.00	21.74 0.99 0.00	25.99 1.28 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.87 1.42 0.00	22.32 1.38 0.00	21.44 1.28 0.00	22.16 1.20 0.00	19.68 1.12 0.00
RCPI_TRUST___DRP 24196	22.35 1.10 0.00	21.66 1.00 0.00	22.10 0.94 0.00	20.95 0.88 0.00	21.47 0.83 0.00	23.07 0.92 0.00	28.89 1.22 0.00	34.08 1.55 0.00	29.11 1.22 0.00	21.81 0.96 0.00	20.43 0.91 0.00	20.19 0.84 0.00	19.36 0.87 0.00	19.90 0.91 0.00	21.01 0.96 0.00	21.72 0.97 0.00	25.96 1.25 0.00	31.81 1.79 0.00	23.84 1.44 0.00	22.82 1.37 0.00	22.27 1.33 0.00	21.40 1.24 0.00	22.12 1.16 0.00	19.65 1.09 0.00
RED___ROCHESTER 323720	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.73 -0.33 0.00	20.29 -0.35 0.00	21.26 -0.40 0.49	27.15 -0.53 0.00	30.53 -0.98 1.03	25.48 -0.55 1.86	20.05 -0.30 0.50	19.06 -0.21 0.24	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.18 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.39 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.44 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
REGAN___SOLAR 323812	23.40 2.15 0.00	22.72 2.06 0.00	23.27 2.12 0.00	22.12 2.06 0.00	22.79 2.15 0.00	24.50 2.35 0.00	30.69 3.02 0.00	36.25 3.72 0.00	30.82 2.92 0.00	22.30 1.45 0.00	20.55 1.03 0.00	20.23 0.88 0.00	19.44 0.95 0.00	19.88 0.89 0.00	21.28 1.23 0.00	22.62 1.87 0.00	27.68 2.96 0.00	33.66 3.64 0.00	24.98 2.58 0.00	23.83 2.39 0.00	23.28 2.34 0.00	22.29 2.13 0.00	23.12 2.16 0.00	20.35 1.79 0.00
RENSSELAER___COGEN 23796	21.28 0.04 0.00	20.66 0.00 0.00	21.10 -0.05 0.00	20.00 -0.06 0.00	20.56 -0.08 0.00	22.06 -0.09 0.00	27.60 -0.07 0.00	32.50 -0.03 0.00	27.83 -0.06 0.00	20.76 -0.08 0.00	19.37 -0.14 0.00	19.15 -0.20 0.00	18.35 -0.13 0.00	18.84 -0.16 0.00	19.93 -0.12 0.00	20.70 -0.05 0.00	24.80 0.08 0.00	30.35 0.33 0.00	22.69 0.28 0.00	21.69 0.24 0.00	21.18 0.24 0.00	20.35 0.20 0.00	21.10 0.14 0.00	18.77 0.21 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.62 1.38 0.00	22.04 1.39 0.00	22.36 1.21 0.00	21.10 1.04 0.00	21.77 1.13 0.00	23.56 1.42 0.00	29.90 2.23 0.00	35.34 2.82 0.00	30.23 2.34 0.00	22.11 1.26 0.00	20.43 0.91 0.00	20.12 0.77 0.00	19.22 0.73 0.00	20.08 1.09 0.00	21.62 1.56 0.00	22.75 2.00 0.00	27.25 2.53 0.00	33.46 3.44 0.00	24.70 2.29 0.00	23.37 1.92 0.00	23.01 2.07 0.00	21.90 1.75 0.00	22.52 1.56 0.00	19.95 1.39 0.00
REVERE_CPPR_DRP 24186	21.71 0.47 0.00	21.14 0.48 0.00	21.70 0.55 0.00	20.61 0.54 0.00	21.23 0.59 0.00	22.79 0.65 0.00	28.62 0.94 0.00	33.66 1.13 0.00	28.93 1.04 0.00	21.52 0.67 0.00	20.04 0.52 0.00	19.79 0.44 0.00	18.90 0.41 0.00	19.46 0.46 0.00	20.56 0.51 0.00	21.44 0.69 0.00	25.67 0.96 0.00	31.18 1.16 0.00	23.12 0.72 0.00	22.06 0.61 0.00	21.50 0.56 0.00	20.60 0.45 0.00	21.40 0.43 0.00	18.89 0.34 0.00
REYNOLDS_115KV_TB3 80639	21.41 0.17 0.00	20.79 0.13 0.00	21.24 0.08 0.00	20.12 0.06 0.00	20.69 0.05 0.00	22.21 0.06 0.00	27.80 0.12 0.00	32.70 0.17 0.00	28.02 0.13 0.00	20.87 0.03 0.00	19.49 -0.03 0.00	19.26 -0.09 0.00	18.45 -0.04 0.00	18.96 -0.03 0.00	20.07 0.01 0.00	20.85 0.10 0.00	24.95 0.24 0.00	30.59 0.57 0.00	22.85 0.45 0.00	21.86 0.41 0.00	21.35 0.41 0.00	20.51 0.36 0.00	21.27 0.31 0.00	18.90 0.34 0.00
RIVERBAY____ 323610	22.38 1.13 0.00	21.65 1.00 0.00	22.20 1.05 0.00	21.05 0.98 0.00	21.56 0.92 0.00	23.17 1.02 0.00	29.02 1.34 0.00	34.28 1.75 0.00	29.30 1.41 0.00	21.94 1.09 0.00	20.54 1.03 0.00	20.24 0.89 0.00	19.41 0.92 0.00	19.90 0.90 0.00	21.03 0.97 0.00	21.72 0.97 0.00	25.96 1.25 0.00	31.83 1.81 0.00	23.86 1.46 0.00	22.87 1.42 0.00	22.30 1.35 0.00	21.42 1.27 0.00	22.14 1.18 0.00	19.68 1.12 0.00
RIVERSDE_115KV_TB3 55908	21.36 0.11 0.00	20.73 0.07 0.00	21.18 0.02 0.00	20.07 0.00 0.00	20.63 0.00 0.00	22.11 -0.03 0.00	27.65 -0.02 0.00	32.55 0.02 0.00	27.88 -0.01 0.00	20.79 -0.06 0.00	19.40 -0.11 0.00	19.17 -0.18 0.00	18.37 -0.11 0.00	18.87 -0.12 0.00	19.97 -0.08 0.00	20.75 0.00 0.00	24.84 0.12 0.00	30.42 0.40 0.00	22.73 0.33 0.00	21.73 0.29 0.00	21.23 0.29 0.00	20.39 0.24 0.00	21.15 0.19 0.00	18.83 0.28 0.00
ROARING___BROOK_WT_PWR 323790	21.06 -0.18 0.00	20.55 -0.11 0.00	21.15 0.00 0.00	20.08 0.02 0.00	20.68 0.04 0.00	22.18 0.03 0.00	27.70 0.02 0.00	32.58 0.05 0.00	27.95 0.06 0.00	20.90 0.05 0.00	19.57 0.06 0.00	19.43 0.08 0.00	18.57 0.08 0.00	19.09 0.09 0.00	20.16 0.10 0.00	20.78 0.03 0.00	24.68 -0.03 0.00	29.55 -0.47 0.00	21.98 -0.43 0.00	21.00 -0.45 0.00	20.42 -0.52 0.00	19.65 -0.51 0.00	20.37 -0.59 0.00	17.95 -0.61 0.00
ROCHESRG_115KV_T4 355643	20.49 -0.76 0.00	20.02 -0.64 0.00	20.57 -0.58 0.00	19.57 -0.50 0.00	20.12 -0.52 0.00	21.55 -0.59 0.00	26.90 -0.78 0.00	31.23 -1.30 0.00	27.05 -0.84 0.00	20.34 -0.51 0.00	19.10 -0.42 0.00	19.07 -0.28 0.00	18.13 -0.36 0.00	18.62 -0.37 0.00	19.62 -0.44 0.00	20.41 -0.34 0.00	24.09 -0.63 0.00	29.19 -0.83 0.00	21.60 -0.81 0.00	20.70 -0.75 0.00	20.19 -0.75 0.00	19.26 -0.90 0.00	20.11 -0.85 0.00	17.86 -0.70 0.00
ROCHESTER_9_IC 23652	20.59 -0.65 0.00	20.12 -0.54 0.00	20.68 -0.47 0.00	19.66 -0.40 0.00	20.22 -0.42 0.00	21.66 -0.48 0.00	27.04 -0.64 0.00	31.40 -1.13 0.00	27.21 -0.69 0.00	20.46 -0.39 0.00	19.21 -0.31 0.00	19.19 -0.16 0.00	18.23 -0.25 0.00	18.73 -0.26 0.00	19.74 -0.32 0.00	20.54 -0.21 0.00	24.25 -0.47 0.00	29.39 -0.63 0.00	21.75 -0.66 0.00	20.84 -0.60 0.00	20.32 -0.62 0.00	19.37 -0.78 0.00	20.23 -0.73 0.00	17.96 -0.60 0.00
ROCKVIEW_13_KV_LD 356306	22.30 1.06 0.00	21.63 0.97 0.00	22.08 0.92 0.00	20.92 0.85 0.00	21.45 0.81 0.00	23.06 0.91 0.00	28.88 1.20 0.00	34.06 1.53 0.00	29.12 1.22 0.00	21.77 0.92 0.00	20.39 0.88 0.00	20.15 0.80 0.00	19.30 0.82 0.00	19.86 0.86 0.00	20.97 0.92 0.00	21.68 0.93 0.00	25.95 1.23 0.00	31.81 1.79 0.00	23.83 1.42 0.00	22.81 1.36 0.00	22.26 1.32 0.00	21.39 1.23 0.00	22.12 1.16 0.00	19.64 1.08 0.00
ROME____115KV_TB2 80656	21.71 0.47 0.00	21.14 0.48 0.00	21.70 0.55 0.00	20.61 0.54 0.00	21.23 0.59 0.00	22.79 0.65 0.00	28.62 0.94 0.00	33.66 1.13 0.00	28.93 1.04 0.00	21.52 0.67 0.00	20.04 0.52 0.00	19.79 0.44 0.00	18.90 0.41 0.00	19.46 0.46 0.00	20.56 0.51 0.00	21.44 0.69 0.00	25.67 0.96 0.00	31.18 1.16 0.00	23.12 0.72 0.00	22.06 0.61 0.00	21.50 0.56 0.00	20.60 0.45 0.00	21.40 0.43 0.00	18.89 0.34 0.00

ROSETON___1 23587	22.02 0.78 0.00	21.36 0.70 0.00	21.81 0.65 0.00	20.67 0.60 0.00	21.22 0.58 0.00	22.80 0.65 0.00	28.54 0.86 0.00	33.64 1.11 0.00	28.76 0.87 0.00	21.49 0.64 0.00	20.11 0.59 0.00	19.87 0.52 0.00	19.03 0.54 0.00	19.58 0.58 0.00	20.68 0.62 0.00	21.40 0.65 0.00	25.60 0.89 0.00	31.39 1.37 0.00	23.50 1.10 0.00	22.49 1.04 0.00	21.96 1.02 0.00	21.10 0.95 0.00	21.85 0.89 0.00	19.39 0.83 0.00
ROSETON___2 23588	22.02 0.78 0.00	21.36 0.70 0.00	21.81 0.65 0.00	20.67 0.60 0.00	21.22 0.58 0.00	22.80 0.65 0.00	28.54 0.86 0.00	33.64 1.11 0.00	28.76 0.87 0.00	21.49 0.64 0.00	20.11 0.59 0.00	19.87 0.52 0.00	19.03 0.54 0.00	19.58 0.58 0.00	20.68 0.62 0.00	21.40 0.65 0.00	25.60 0.89 0.00	31.39 1.37 0.00	23.50 1.10 0.00	22.49 1.04 0.00	21.96 1.02 0.00	21.10 0.95 0.00	21.85 0.89 0.00	19.39 0.83 0.00
ROTTTRDAM_115KV_TB3 80664	21.70 0.46 0.00	21.08 0.42 0.00	21.55 0.39 0.00	20.43 0.36 0.00	21.01 0.37 0.00	22.55 0.41 0.00	28.23 0.55 0.00	33.22 0.69 0.00	28.45 0.56 0.00	21.19 0.35 0.00	19.80 0.28 0.00	19.59 0.24 0.00	18.71 0.22 0.00	19.26 0.27 0.00	20.38 0.32 0.00	21.16 0.41 0.00	25.32 0.60 0.00	30.93 0.91 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.71 0.56 0.00	21.49 0.53 0.00	19.04 0.49 0.00
RUSSELL___1 23602	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
RUSSELL___2 23532	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
RUSSELL___3 23549	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
RUSSELL___4 23556	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
RUSSELL___STATION 23914	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
S SALMON___HYD 24043	20.64 -0.61 0.00	20.13 -0.53 0.00	20.71 -0.44 0.00	19.68 -0.38 0.00	20.27 -0.37 0.00	21.72 -0.42 0.00	27.14 -0.54 0.00	31.95 -0.58 0.00	27.48 -0.41 0.00	20.48 -0.37 0.00	19.16 -0.36 0.00	18.93 -0.42 0.00	18.07 -0.42 0.00	18.55 -0.44 0.00	19.56 -0.50 0.00	20.41 -0.34 0.00	24.36 -0.36 0.00	29.59 -0.43 0.00	21.90 -0.51 0.00	20.88 -0.57 0.00	20.35 -0.60 0.00	19.50 -0.65 0.00	20.35 -0.61 0.00	17.97 -0.59 0.00
S.PERRY___115KV_TB1 80734	20.97 -0.27 0.00	20.43 -0.23 0.00	21.16 0.00 0.00	20.28 0.21 0.00	21.00 0.36 0.00	22.64 0.49 0.00	28.46 0.78 0.00	33.25 0.72 0.00	28.76 0.87 0.00	21.48 0.63 0.00	19.99 0.47 0.00	19.66 0.31 0.00	18.65 0.17 0.00	19.21 0.22 0.00	20.34 0.28 0.00	21.14 0.40 0.00	24.94 0.22 0.00	30.27 0.25 0.00	22.34 -0.06 0.00	21.30 -0.15 0.00	20.67 -0.28 0.00	19.63 -0.53 0.00	20.41 -0.55 0.00	18.08 -0.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.18 -1.07 0.00	19.79 -0.87 0.00	20.42 -0.73 0.00	19.46 -0.60 0.00	20.00 -0.64 0.00	21.42 -0.72 0.00	26.68 -1.00 0.00	30.69 -1.84 0.00	26.76 -1.13 0.00	20.19 -0.65 0.00	19.01 -0.50 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.56 -0.43 0.00	19.49 -0.57 0.00	20.31 -0.44 0.00	23.81 -0.91 0.00	28.71 -1.32 0.00	21.12 -1.29 0.00	20.27 -1.18 0.00	19.74 -1.20 0.00	18.75 -1.40 0.00	19.63 -1.33 0.00	17.50 -1.05 0.00
SAWYER___23_KV_LOAD 55526	20.18 -1.07 0.00	19.79 -0.87 0.00	20.42 -0.73 0.00	19.46 -0.60 0.00	20.00 -0.64 0.00	21.42 -0.72 0.00	26.68 -1.00 0.00	30.69 -1.84 0.00	26.76 -1.13 0.00	20.19 -0.65 0.00	19.01 -0.50 0.00	19.07 -0.28 0.00	18.09 -0.40 0.00	18.56 -0.43 0.00	19.49 -0.57 0.00	20.31 -0.44 0.00	23.81 -0.91 0.00	28.71 -1.32 0.00	21.12 -1.29 0.00	20.27 -1.18 0.00	19.74 -1.20 0.00	18.75 -1.40 0.00	19.63 -1.33 0.00	17.50 -1.05 0.00
SELKIRK___I 23801	21.53 0.29 0.00	20.91 0.25 0.00	21.37 0.21 0.00	20.26 0.19 0.00	20.82 0.18 0.00	22.34 0.20 0.00	27.96 0.27 0.00	32.88 0.36 0.00	28.18 0.29 0.00	21.00 0.16 0.00	19.61 0.09 0.00	19.39 0.04 0.00	18.56 0.07 0.00	19.04 0.05 0.00	20.15 0.09 0.00	20.93 0.18 0.00	25.05 0.33 0.00	30.61 0.59 0.00	22.85 0.44 0.00	21.85 0.40 0.00	21.33 0.39 0.00	20.50 0.35 0.00	21.27 0.31 0.00	18.89 0.34 0.00
SELKIRK___II 23799	21.42 0.18 0.00	20.80 0.14 0.00	21.25 0.10 0.00	20.15 0.08 0.00	20.70 0.06 0.00	22.22 0.07 0.00	27.81 0.13 0.00	32.72 0.19 0.00	28.03 0.14 0.00	20.90 0.06 0.00	19.53 0.01 0.00	19.30 -0.05 0.00	18.49 0.00 0.00	18.98 -0.01 0.00	20.08 0.02 0.00	20.84 0.09 0.00	24.95 0.23 0.00	30.51 0.49 0.00	22.80 0.39 0.00	21.80 0.35 0.00	21.29 0.34 0.00	20.46 0.30 0.00	21.22 0.25 0.00	18.85 0.30 0.00
SENECA OSWGO___HYD 24041	20.70 -0.54 0.00	20.15 -0.51 0.00	20.64 -0.52 0.00	19.60 -0.46 0.00	20.17 -0.47 0.00	21.62 -0.52 0.00	27.01 -0.67 0.00	31.72 -0.81 0.00	27.23 -0.66 0.00	20.38 -0.46 0.00	19.09 -0.42 0.00	18.93 -0.42 0.00	18.06 -0.43 0.00	18.52 -0.48 0.00	19.53 -0.52 0.00	20.26 -0.49 0.00	24.15 -0.57 0.00	29.39 -0.63 0.00	21.88 -0.53 0.00	20.93 -0.52 0.00	20.41 -0.53 0.00	19.60 -0.55 0.00	20.43 -0.53 0.00	18.10 -0.46 0.00

SENECA___115KV_TB3 355854	20.43 -0.81 0.00	20.05 -0.61 0.00	20.69 -0.46 0.00	19.73 -0.34 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.09 -0.59 0.00	31.20 -1.33 0.00	27.18 -0.72 0.00	20.52 -0.33 0.00	19.33 -0.18 0.00	19.40 0.05 0.00	18.40 -0.09 0.00	18.88 -0.11 0.00	19.82 -0.24 0.00	20.63 -0.12 0.00	24.19 -0.53 0.00	29.17 -0.85 0.00	21.46 -0.94 0.00	20.58 -0.87 0.00	20.03 -0.91 0.00	19.02 -1.13 0.00	19.86 -1.10 0.00	17.70 -0.86 0.00
SENECA___ENERGY 23797	20.95 -0.29 0.00	20.43 -0.23 0.00	21.01 -0.14 0.00	19.97 -0.09 0.00	20.58 -0.06 0.00	22.15 0.00 0.00	27.73 0.05 0.00	32.51 -0.02 0.00	27.93 0.04 0.00	20.96 0.11 0.00	19.65 0.13 0.00	19.48 0.13 0.00	18.52 0.03 0.00	18.97 -0.02 0.00	20.04 -0.02 0.00	20.87 0.12 0.00	24.71 0.00 0.00	29.97 -0.06 0.00	22.32 -0.08 0.00	21.30 -0.14 0.00	20.75 -0.20 0.00	19.86 -0.30 0.00	20.67 -0.29 0.00	18.32 -0.24 0.00
SHOEMAKER___GT 23640	21.93 0.69 0.00	21.27 0.61 0.00	21.74 0.58 0.00	20.61 0.54 0.00	21.16 0.52 0.00	22.74 0.59 0.00	28.45 0.77 0.00	33.52 0.99 0.00	28.65 0.76 0.00	21.38 0.54 0.00	19.99 0.47 0.00	19.75 0.40 0.00	18.91 0.42 0.00	19.44 0.45 0.00	20.55 0.49 0.00	21.29 0.55 0.00	25.49 0.77 0.00	31.21 1.19 0.00	23.36 0.95 0.00	22.36 0.91 0.00	21.83 0.89 0.00	20.98 0.83 0.00	21.73 0.77 0.00	19.28 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	21.92 0.67 0.00	21.27 0.61 0.00	21.74 0.58 0.00	20.60 0.53 0.00	21.15 0.51 0.00	22.73 0.58 0.00	28.45 0.77 0.00	33.52 0.99 0.00	28.65 0.76 0.00	21.39 0.54 0.00	20.00 0.48 0.00	19.76 0.41 0.00	18.92 0.43 0.00	19.46 0.46 0.00	20.56 0.51 0.00	21.30 0.56 0.00	25.49 0.77 0.00	31.20 1.18 0.00	23.36 0.95 0.00	22.36 0.91 0.00	21.83 0.89 0.00	20.98 0.82 0.00	21.73 0.77 0.00	19.27 0.72 0.00
SHOREHAM_IC_1 23715	22.88 1.63 0.00	22.27 1.61 0.00	22.69 1.54 0.00	21.55 1.48 0.00	22.08 1.44 0.00	23.86 1.71 0.00	31.57 2.28 -1.61	35.36 2.70 -0.12	29.85 1.95 0.00	21.92 1.07 0.00	20.69 1.17 0.00	20.29 0.94 0.00	19.38 0.89 0.00	19.98 0.98 0.00	21.24 1.18 0.00	21.71 0.96 0.00	26.23 1.51 0.00	32.88 2.53 -0.32	24.60 1.97 -0.22	23.92 1.77 -0.70	28.01 1.79 -5.27	22.48 1.62 -0.70	40.44 1.68 -17.79	42.53 1.73 -22.24
SHOREHAM_IC_2 23716	22.88 1.63 0.00	22.27 1.61 0.00	22.69 1.54 0.00	21.55 1.48 0.00	22.08 1.44 0.00	23.86 1.71 0.00	31.57 2.28 -1.61	35.36 2.70 -0.12	29.85 1.95 0.00	21.92 1.07 0.00	20.69 1.17 0.00	20.29 0.94 0.00	19.38 0.89 0.00	19.98 0.98 0.00	21.24 1.18 0.00	21.71 0.96 0.00	26.23 1.51 0.00	32.88 2.53 -0.32	24.60 1.97 -0.22	23.92 1.77 -0.70	28.01 1.79 -5.27	22.48 1.62 -0.70	40.44 1.68 -17.79	42.53 1.73 -22.24
SISSONVILLE____ 23735	21.39 0.15 0.00	20.82 0.17 0.00	21.41 0.25 0.00	20.28 0.21 0.00	20.86 0.22 0.00	22.19 0.05 0.00	27.60 -0.07 0.00	32.50 -0.03 0.00	27.90 0.01 0.00	20.80 -0.05 0.00	19.45 -0.06 0.00	19.32 -0.03 0.00	18.46 -0.02 0.00	18.99 0.00 0.00	20.07 0.01 0.00	20.64 -0.11 0.00	24.56 -0.16 0.00	29.35 -0.66 0.00	21.85 -0.55 0.00	20.98 -0.46 0.00	20.53 -0.41 0.00	19.86 -0.30 0.00	20.80 -0.16 0.00	18.44 -0.12 0.00
SITHE_IND_GS1 24169	20.55 -0.69 0.00	20.00 -0.66 0.00	20.49 -0.66 0.00	19.46 -0.61 0.00	20.02 -0.62 0.00	21.45 -0.70 0.00	26.77 -0.90 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.20 -0.65 0.00	18.93 -0.59 0.00	18.77 -0.58 0.00	17.91 -0.58 0.00	18.37 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.85 0.00	29.02 -1.00 0.00	21.61 -0.79 0.00	20.68 -0.77 0.00	20.18 -0.76 0.00	19.41 -0.75 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
SITHE_IND_GS2 24170	20.55 -0.69 0.00	20.00 -0.66 0.00	20.49 -0.66 0.00	19.46 -0.61 0.00	20.02 -0.62 0.00	21.45 -0.70 0.00	26.77 -0.90 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.20 -0.65 0.00	18.93 -0.59 0.00	18.77 -0.58 0.00	17.91 -0.58 0.00	18.37 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.85 0.00	29.02 -1.00 0.00	21.61 -0.79 0.00	20.68 -0.77 0.00	20.18 -0.76 0.00	19.41 -0.75 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
SITHE_IND_GS3 24171	20.55 -0.69 0.00	20.00 -0.66 0.00	20.49 -0.66 0.00	19.46 -0.61 0.00	20.02 -0.62 0.00	21.45 -0.70 0.00	26.77 -0.90 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.20 -0.65 0.00	18.93 -0.59 0.00	18.77 -0.58 0.00	17.91 -0.58 0.00	18.37 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.85 0.00	29.02 -1.00 0.00	21.61 -0.79 0.00	20.68 -0.77 0.00	20.18 -0.76 0.00	19.41 -0.75 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
SITHE_IND_GS4 24172	20.55 -0.69 0.00	20.00 -0.66 0.00	20.49 -0.66 0.00	19.46 -0.61 0.00	20.02 -0.62 0.00	21.45 -0.70 0.00	26.77 -0.90 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.20 -0.65 0.00	18.93 -0.59 0.00	18.77 -0.58 0.00	17.91 -0.58 0.00	18.37 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.85 0.00	29.02 -1.00 0.00	21.61 -0.79 0.00	20.68 -0.77 0.00	20.18 -0.76 0.00	19.41 -0.75 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
SITHE___BATAVIA 24024	20.71 -0.53 0.00	20.27 -0.39 0.00	20.90 -0.25 0.00	19.90 -0.17 0.00	20.44 -0.19 0.00	21.09 -0.24 0.82	27.32 -0.36 0.00	29.82 -0.99 1.72	24.42 -0.34 3.13	19.87 -0.13 0.85	19.05 -0.05 0.41	19.45 0.10 0.00	18.42 -0.06 0.00	18.96 -0.03 0.00	19.96 -0.10 0.00	20.78 0.03 0.00	24.46 -0.26 0.00	29.60 -0.42 0.00	21.81 -0.60 0.00	20.92 -0.53 0.00	20.37 -0.58 0.00	19.34 -0.81 0.00	20.23 -0.74 0.00	18.01 -0.55 0.00
SITHE___INDEPEND 23800	20.55 -0.69 0.00	20.00 -0.66 0.00	20.49 -0.66 0.00	19.46 -0.61 0.00	20.02 -0.62 0.00	21.45 -0.70 0.00	26.77 -0.90 0.00	31.42 -1.11 0.00	26.97 -0.92 0.00	20.20 -0.65 0.00	18.93 -0.59 0.00	18.77 -0.58 0.00	17.91 -0.58 0.00	18.37 -0.63 0.00	19.37 -0.69 0.00	20.07 -0.68 0.00	23.87 -0.85 0.00	29.02 -1.00 0.00	21.61 -0.79 0.00	20.68 -0.77 0.00	20.18 -0.76 0.00	19.41 -0.75 0.00	20.26 -0.70 0.00	17.95 -0.61 0.00
SITHE___MASSENA 23902	21.63 0.39 0.00	21.06 0.40 0.00	21.60 0.45 0.00	20.46 0.40 0.00	21.06 0.43 0.00	22.57 0.42 0.00	28.14 0.46 0.00	33.06 0.54 0.00	28.36 0.47 0.00	21.19 0.35 0.00	19.86 0.35 0.00	19.75 0.40 0.00	18.87 0.39 0.00	19.40 0.41 0.00	20.50 0.44 0.00	21.05 0.30 0.00	25.01 0.29 0.00	29.96 -0.06 0.00	22.36 -0.04 0.00	21.49 0.04 0.00	21.02 0.07 0.00	20.33 0.18 0.00	21.21 0.24 0.00	18.72 0.16 0.00
SITHE___OGDNSBRG 24021	21.93 0.68 0.00	21.34 0.68 0.00	21.91 0.75 0.00	20.73 0.66 0.00	21.34 0.70 0.00	22.80 0.65 0.00	28.39 0.71 0.00	33.42 0.89 0.00	28.66 0.77 0.00	21.30 0.45 0.00	19.89 0.38 0.00	19.78 0.43 0.00	18.92 0.43 0.00	19.45 0.45 0.00	20.58 0.52 0.00	21.16 0.41 0.00	25.30 0.59 0.00	30.29 0.27 0.00	22.57 0.16 0.00	21.68 0.23 0.00	21.20 0.26 0.00	20.51 0.36 0.00	21.41 0.44 0.00	18.91 0.36 0.00

SITHE___STERLING 23777	21.58 0.34 0.00	21.02 0.36 0.00	21.55 0.39 0.00	20.47 0.40 0.00	21.08 0.44 0.00	22.63 0.49 0.00	28.41 0.73 0.00	33.39 0.86 0.00	28.68 0.79 0.00	21.35 0.51 0.00	19.90 0.39 0.00	19.70 0.35 0.00	18.80 0.31 0.00	19.33 0.33 0.00	20.41 0.35 0.00	21.24 0.49 0.00	25.41 0.69 0.00	30.88 0.86 0.00	22.96 0.55 0.00	21.91 0.47 0.00	21.37 0.43 0.00	20.49 0.35 0.00	21.28 0.32 0.00	18.81 0.25 0.00
SLEIGHT__34_KV_TB1 80719	20.70 -0.55 0.00	20.20 -0.46 0.00	20.74 -0.41 0.00	19.72 -0.35 0.00	20.28 -0.36 0.00	21.78 -0.36 0.00	27.25 -0.43 0.00	31.80 -0.73 0.00	27.44 -0.45 0.00	20.59 -0.25 0.00	19.31 -0.20 0.00	19.24 -0.11 0.00	18.29 -0.20 0.00	18.78 -0.21 0.00	19.80 -0.25 0.00	20.63 -0.12 0.00	24.40 -0.31 0.00	29.60 -0.42 0.00	21.97 -0.43 0.00	21.02 -0.43 0.00	20.48 -0.46 0.00	19.59 -0.57 0.00	20.41 -0.56 0.00	18.08 -0.47 0.00
SOUTH CAIRO___GT 23612	22.11 0.87 0.00	21.44 0.78 0.00	21.91 0.75 0.00	20.75 0.69 0.00	21.36 0.72 0.00	22.92 0.77 0.00	28.74 1.06 0.00	33.84 1.32 0.00	29.06 1.16 0.00	21.48 0.63 0.00	19.92 0.41 0.00	19.72 0.37 0.00	18.79 0.30 0.00	19.26 0.26 0.00	20.47 0.41 0.00	21.44 0.69 0.00	25.96 1.25 0.00	31.81 1.79 0.00	23.72 1.32 0.00	22.65 1.20 0.00	22.09 1.15 0.00	21.18 1.03 0.00	21.92 0.96 0.00	19.43 0.88 0.00
SOUTH HAMPTN___IC 23720	23.11 1.87 0.00	22.49 1.83 0.00	22.91 1.75 0.00	21.76 1.69 0.00	22.30 1.66 0.00	24.09 1.95 0.00	31.87 2.57 -1.61	35.71 3.06 -0.12	30.17 2.28 0.00	22.19 1.34 0.00	20.92 1.40 0.00	20.51 1.16 0.00	19.59 1.10 0.00	20.19 1.20 0.00	21.47 1.42 0.00	21.99 1.24 0.00	26.59 1.88 0.00	33.30 2.96 -0.32	24.91 2.28 -0.22	24.23 2.08 -0.70	28.28 2.07 -5.27	22.74 1.88 -0.70	40.68 1.93 -17.79	42.70 1.90 -22.24
SOUTHDOW_115KV_TB1 355954	21.10 -0.15 0.00	20.80 0.14 0.00	21.53 0.37 0.00	20.54 0.47 0.00	21.17 0.53 0.00	22.69 0.55 0.00	28.39 0.71 0.00	32.85 0.32 0.00	28.56 0.66 0.00	21.55 0.71 0.00	20.25 0.73 0.00	20.27 0.92 0.00	19.22 0.73 0.00	19.64 0.65 0.00	20.61 0.55 0.00	21.39 0.64 0.00	25.04 0.32 0.00	30.10 0.08 0.00	22.08 -0.32 0.00	21.10 -0.34 0.00	20.52 -0.42 0.00	19.55 -0.60 0.00	20.33 -0.63 0.00	18.19 -0.37 0.00
SOUTHOLD_69_KV_BK 2 55809	23.43 2.19 0.00	22.79 2.13 0.00	23.21 2.05 0.00	22.04 1.98 0.00	22.60 1.96 0.00	24.42 2.28 0.00	32.27 2.99 -1.61	36.21 3.56 -0.12	30.61 2.72 0.00	22.53 1.68 0.00	21.21 1.69 0.00	20.78 1.43 0.00	19.84 1.35 0.00	20.45 1.45 0.00	21.76 1.71 0.00	22.32 1.58 0.00	27.05 2.34 0.00	33.87 3.53 -0.32	25.34 2.71 -0.22	24.63 2.48 -0.70	28.61 2.40 -5.27	23.05 2.20 -0.70	41.00 2.25 -17.79	42.95 2.15 -22.24
SOUTHOLD___IC 23719	23.43 2.19 0.00	22.79 2.13 0.00	23.21 2.06 0.00	22.04 1.98 0.00	22.60 1.96 0.00	24.42 2.28 0.00	32.27 2.98 -1.61	36.21 3.56 -0.12	30.61 2.72 0.00	22.53 1.68 0.00	21.21 1.69 0.00	20.78 1.43 0.00	19.84 1.35 0.00	20.45 1.45 0.00	21.76 1.71 0.00	22.33 1.58 0.00	27.04 2.33 0.00	33.87 3.53 -0.32	25.34 2.71 -0.22	24.63 2.48 -0.70	28.61 2.40 -5.27	23.05 2.19 -0.70	41.00 2.24 -17.79	42.95 2.15 -22.24
SOUTH_FORK_WT_PWR 323839	23.46 2.22 0.00	22.82 2.16 0.00	23.24 2.09 0.00	22.08 2.01 0.00	22.63 1.99 0.00	24.47 2.32 0.00	32.31 3.02 -1.61	36.24 3.59 -0.12	30.63 2.74 0.00	22.55 1.71 0.00	21.23 1.72 0.00	20.80 1.45 0.00	19.86 1.37 0.00	20.47 1.47 0.00	21.78 1.73 0.00	22.35 1.60 0.00	27.07 2.36 0.00	33.91 3.57 -0.32	25.36 2.73 -0.22	24.66 2.51 -0.70	28.62 2.41 -5.27	23.05 2.20 -0.70	41.00 2.25 -17.79	42.95 2.16 -22.24
SPIERFLS_115KV_TB 1 80737	22.11 0.87 0.00	21.44 0.78 0.00	21.81 0.66 0.00	20.66 0.59 0.00	21.28 0.64 0.00	22.89 0.74 0.00	28.71 1.03 0.00	33.83 1.30 0.00	28.79 0.90 0.00	21.33 0.48 0.00	19.82 0.31 0.00	19.57 0.22 0.00	18.68 0.19 0.00	19.32 0.32 0.00	20.55 0.50 0.00	21.47 0.72 0.00	25.75 1.04 0.00	31.56 1.54 0.00	23.48 1.08 0.00	22.39 0.94 0.00	21.91 0.97 0.00	21.12 0.97 0.00	21.83 0.87 0.00	19.34 0.78 0.00
ST LAWRENCE____ 23600	21.35 0.11 0.00	20.78 0.12 0.00	21.31 0.16 0.00	20.19 0.12 0.00	20.78 0.14 0.00	22.29 0.14 0.00	27.81 0.13 0.00	32.68 0.15 0.00	28.02 0.12 0.00	20.96 0.11 0.00	19.64 0.12 0.00	19.53 0.18 0.00	18.66 0.18 0.00	19.19 0.20 0.00	20.27 0.21 0.00	20.81 0.06 0.00	24.71 0.00 0.00	29.72 -0.30 0.00	22.17 -0.24 0.00	21.27 -0.18 0.00	20.79 -0.15 0.00	20.12 -0.03 0.00	20.96 0.00 0.00	18.50 -0.06 0.00
STATE_CA_115KV_115_LB 55624	21.39 0.14 0.00	20.75 0.09 0.00	21.20 0.05 0.00	20.09 0.02 0.00	20.66 0.02 0.00	22.17 0.03 0.00	27.77 0.09 0.00	32.68 0.15 0.00	28.01 0.12 0.00	20.89 0.04 0.00	19.50 -0.02 0.00	19.27 -0.09 0.00	18.46 -0.03 0.00	18.96 -0.03 0.00	20.07 0.01 0.00	20.85 0.10 0.00	24.97 0.26 0.00	30.57 0.54 0.00	22.84 0.43 0.00	21.84 0.39 0.00	21.32 0.38 0.00	20.47 0.32 0.00	21.23 0.27 0.00	18.86 0.31 0.00
STATE_ST_34_KV_LOAD 55959	21.32 0.07 0.00	20.83 0.17 0.00	21.41 0.26 0.00	20.31 0.25 0.00	20.86 0.23 0.00	22.50 0.36 0.00	28.16 0.48 0.00	33.08 0.55 0.00	28.31 0.42 0.00	21.21 0.36 0.00	19.92 0.40 0.00	19.78 0.43 0.00	18.75 0.26 0.00	19.25 0.26 0.00	20.34 0.29 0.00	21.21 0.46 0.00	25.09 0.38 0.00	30.48 0.46 0.00	22.74 0.34 0.00	21.68 0.23 0.00	21.12 0.18 0.00	20.28 0.12 0.00	21.14 0.18 0.00	18.71 0.15 0.00
STATION 5_MISC_HYD 23604	20.59 -0.65 0.00	20.12 -0.54 0.00	20.68 -0.47 0.00	19.66 -0.40 0.00	20.22 -0.42 0.00	21.17 -0.48 0.49	27.04 -0.64 0.00	30.38 -1.12 1.03	25.36 -0.67 1.86	19.96 -0.38 0.50	18.97 -0.31 0.24	19.19 -0.16 0.00	18.24 -0.25 0.00	18.73 -0.27 0.00	19.74 -0.32 0.00	20.54 -0.21 0.00	24.26 -0.46 0.00	29.39 -0.63 0.00	21.75 -0.66 0.00	20.84 -0.60 0.00	20.32 -0.62 0.00	19.37 -0.78 0.00	20.23 -0.73 0.00	17.96 -0.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.91 -0.34 0.00	20.40 -0.26 0.00	20.96 -0.19 0.00	19.93 -0.13 0.00	20.52 -0.12 0.00	22.03 -0.12 0.00	27.56 -0.12 0.00	32.16 -0.37 0.00	27.78 -0.11 0.00	20.86 0.01 0.00	19.56 0.05 0.00	19.47 0.12 0.00	18.52 0.03 0.00	18.99 0.00 0.00	20.04 -0.02 0.00	20.85 0.10 0.00	24.68 -0.03 0.00	29.93 -0.09 0.00	22.21 -0.19 0.00	21.25 -0.20 0.00	20.71 -0.23 0.00	19.78 -0.37 0.00	20.60 -0.37 0.00	18.26 -0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.52 -0.73 0.00	20.03 -0.63 0.00	20.59 -0.57 0.00	19.57 -0.49 0.00	20.12 -0.52 0.00	21.57 -0.58 0.00	26.93 -0.75 0.00	31.30 -1.23 0.00	27.11 -0.78 0.00	20.38 -0.47 0.00	19.14 -0.38 0.00	19.10 -0.25 0.00	18.16 -0.33 0.00	18.65 -0.34 0.00	19.66 -0.40 0.00	20.45 -0.30 0.00	24.17 -0.55 0.00	29.30 -0.72 0.00	21.69 -0.72 0.00	20.78 -0.67 0.00	20.26 -0.68 0.00	19.33 -0.82 0.00	20.17 -0.79 0.00	17.90 -0.66 0.00

STA_56___34_KV_BUS2 355983	20.52 -0.73 0.00	20.03 -0.63 0.00	20.59 -0.57 0.00	19.57 -0.49 0.00	20.12 -0.52 0.00	21.57 -0.58 0.00	26.93 -0.75 0.00	31.30 -1.23 0.00	27.11 -0.78 0.00	20.38 -0.47 0.00	19.14 -0.38 0.00	19.10 -0.25 0.00	18.16 -0.33 0.00	18.65 -0.34 0.00	19.66 -0.40 0.00	20.45 -0.30 0.00	24.17 -0.55 0.00	29.30 -0.72 0.00	21.69 -0.72 0.00	20.78 -0.67 0.00	20.26 -0.68 0.00	19.33 -0.82 0.00	20.17 -0.79 0.00	17.90 -0.66 0.00
STA_67___115KV_BK2 355882	20.56 -0.69 0.00	20.08 -0.58 0.00	20.64 -0.52 0.00	19.63 -0.44 0.00	20.19 -0.45 0.00	21.63 -0.52 0.00	26.99 -0.69 0.00	31.33 -1.20 0.00	27.15 -0.74 0.00	20.41 -0.43 0.00	19.17 -0.35 0.00	19.15 -0.20 0.00	18.20 -0.29 0.00	18.69 -0.30 0.00	19.70 -0.36 0.00	20.49 -0.26 0.00	24.19 -0.52 0.00	29.31 -0.71 0.00	21.70 -0.71 0.00	20.79 -0.66 0.00	20.27 -0.67 0.00	19.33 -0.82 0.00	20.19 -0.77 0.00	17.92 -0.64 0.00
STA_7___115KV_9TRANS 80674	20.68 -0.56 0.00	20.20 -0.46 0.00	20.75 -0.40 0.00	19.74 -0.33 0.00	20.29 -0.35 0.00	21.75 -0.40 0.00	27.15 -0.53 0.00	31.54 -0.99 0.00	27.33 -0.56 0.00	20.55 -0.30 0.00	19.29 -0.22 0.00	19.27 -0.08 0.00	18.32 -0.17 0.00	18.82 -0.17 0.00	19.84 -0.22 0.00	20.64 -0.11 0.00	24.38 -0.33 0.00	29.55 -0.47 0.00	21.87 -0.53 0.00	20.96 -0.49 0.00	20.43 -0.51 0.00	19.48 -0.67 0.00	20.33 -0.63 0.00	18.04 -0.51 0.00
STA_82___115KV_TB1 80780	20.56 -0.68 0.00	20.10 -0.56 0.00	20.65 -0.50 0.00	19.64 -0.42 0.00	20.20 -0.44 0.00	21.64 -0.51 0.00	27.01 -0.67 0.00	31.37 -1.17 0.00	27.17 -0.72 0.00	20.43 -0.41 0.00	19.18 -0.34 0.00	19.16 -0.19 0.00	18.21 -0.28 0.00	18.70 -0.29 0.00	19.71 -0.35 0.00	20.51 -0.24 0.00	24.21 -0.50 0.00	29.34 -0.68 0.00	21.71 -0.69 0.00	20.80 -0.64 0.00	20.29 -0.66 0.00	19.35 -0.80 0.00	20.20 -0.76 0.00	17.94 -0.62 0.00
STEEL___WIND 323596	20.42 -0.83 0.00	20.03 -0.62 0.00	20.68 -0.47 0.00	19.72 -0.35 0.00	20.28 -0.36 0.00	20.48 -0.41 1.25	27.07 -0.61 0.00	28.55 -1.36 2.62	22.41 -0.73 4.76	19.21 -0.34 1.29	18.70 -0.19 0.62	19.38 0.03 0.00	18.39 -0.10 0.00	18.85 -0.14 0.00	19.80 -0.26 0.00	20.61 -0.14 0.00	24.17 -0.54 0.00	29.14 -0.88 0.00	21.44 -0.97 0.00	20.56 -0.89 0.00	20.01 -0.93 0.00	19.00 -1.15 0.00	19.83 -1.13 0.00	17.67 -0.89 0.00
STEPHTWN_115KV_BK_2 55603	21.55 0.30 0.00	20.93 0.27 0.00	21.33 0.18 0.00	20.24 0.17 0.00	20.80 0.17 0.00	22.34 0.19 0.00	28.03 0.35 0.00	32.94 0.41 0.00	28.20 0.31 0.00	21.01 0.16 0.00	19.61 0.09 0.00	19.36 0.01 0.00	18.57 0.08 0.00	19.03 0.04 0.00	20.18 0.12 0.00	20.99 0.24 0.00	25.14 0.43 0.00	30.79 0.77 0.00	23.00 0.60 0.00	22.02 0.57 0.00	21.50 0.56 0.00	20.63 0.48 0.00	21.37 0.41 0.00	18.97 0.42 0.00
STEBUBEN_REC_LFGE 323667	20.08 -1.17 0.00	19.51 -1.15 0.00	20.46 -0.69 0.00	19.87 -0.19 0.00	20.79 0.15 0.00	22.57 0.42 0.00	28.53 0.85 0.00	33.42 0.89 0.00	28.73 0.83 0.00	21.53 0.69 0.00	20.10 0.59 0.00	19.76 0.41 0.00	18.80 0.31 0.00	19.23 0.24 0.00	20.25 0.19 0.00	20.92 0.17 0.00	24.44 -0.28 0.00	29.28 -0.75 0.00	21.47 -0.94 0.00	20.31 -1.14 0.00	19.57 -1.37 0.00	18.63 -1.53 0.00	19.28 -1.69 0.00	17.13 -1.43 0.00
STILLWATER___SOLAR 323814	21.93 0.69 0.00	21.29 0.63 0.00	21.72 0.57 0.00	20.59 0.52 0.00	21.20 0.56 0.00	22.77 0.62 0.00	28.54 0.86 0.00	33.60 1.07 0.00	28.72 0.83 0.00	21.32 0.47 0.00	19.84 0.33 0.00	19.59 0.25 0.00	18.72 0.23 0.00	19.32 0.32 0.00	20.51 0.45 0.00	21.39 0.64 0.00	25.63 0.91 0.00	31.39 1.37 0.00	23.40 1.00 0.00	22.36 0.92 0.00	21.84 0.90 0.00	21.00 0.85 0.00	21.74 0.78 0.00	19.27 0.72 0.00
STONY___BROOK 24151	22.86 1.61 0.00	22.19 1.53 0.00	22.60 1.45 0.00	21.42 1.35 0.00	21.95 1.30 0.00	23.69 1.55 0.00	31.35 2.06 -1.61	35.17 2.52 -0.12	29.82 1.93 0.00	22.10 1.26 0.00	20.81 1.30 0.00	20.44 1.09 0.00	19.53 1.05 0.00	20.13 1.13 0.00	21.38 1.32 0.00	21.96 1.21 0.00	26.47 1.75 0.00	32.97 2.62 -0.32	24.70 2.07 -0.22	24.05 1.90 -0.70	28.09 1.88 -5.27	22.57 1.71 -0.70	40.47 1.71 -17.79	42.43 1.63 -22.24
STURGEON_POOL_HYD 23609	22.10 0.85 0.00	21.44 0.78 0.00	21.89 0.73 0.00	20.75 0.68 0.00	21.29 0.65 0.00	22.89 0.75 0.00	28.66 0.98 0.00	33.78 1.25 0.00	28.88 0.99 0.00	21.58 0.73 0.00	20.21 0.69 0.00	19.95 0.60 0.00	19.11 0.62 0.00	19.67 0.68 0.00	20.78 0.72 0.00	21.49 0.74 0.00	25.72 1.01 0.00	31.53 1.51 0.00	23.61 1.20 0.00	22.60 1.15 0.00	22.06 1.12 0.00	21.19 1.04 0.00	21.94 0.98 0.00	19.45 0.90 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.03 0.78 0.00	21.37 0.71 0.00	21.82 0.67 0.00	20.69 0.62 0.00	21.24 0.60 0.00	22.82 0.68 0.00	28.57 0.89 0.00	33.67 1.15 0.00	28.78 0.89 0.00	21.49 0.64 0.00	20.11 0.59 0.00	19.87 0.52 0.00	19.03 0.54 0.00	19.57 0.58 0.00	20.67 0.61 0.00	21.40 0.65 0.00	25.60 0.88 0.00	31.38 1.35 0.00	23.49 1.08 0.00	22.49 1.04 0.00	21.96 1.01 0.00	21.09 0.93 0.00	21.84 0.87 0.00	19.37 0.82 0.00
SWANROAD_115KV_TB1 355699	19.87 -1.37 0.00	19.48 -1.18 0.00	20.15 -1.01 0.00	19.19 -0.88 0.00	19.71 -0.93 0.00	21.11 -1.04 0.00	26.23 -1.45 0.00	30.09 -2.44 0.00	26.35 -1.54 0.00	19.82 -1.03 0.00	18.66 -0.86 0.00	18.71 -0.64 0.00	17.74 -0.75 0.00	18.22 -0.77 0.00	19.09 -0.96 0.00	19.88 -0.87 0.00	23.30 -1.42 0.00	28.09 -1.93 0.00	20.66 -1.74 0.00	19.84 -1.61 0.00	19.33 -1.61 0.00	18.36 -1.80 0.00	19.26 -1.71 0.00	17.23 -1.33 0.00
SYNERGY___BIOGAS 323694	20.71 -0.53 0.00	20.27 -0.39 0.00	20.90 -0.25 0.00	19.90 -0.17 0.00	20.44 -0.19 0.00	21.09 -0.24 0.82	27.32 -0.36 0.00	29.82 -0.99 1.72	24.42 -0.34 3.13	19.87 -0.13 0.85	19.05 -0.05 0.41	19.45 0.10 0.00	18.42 -0.06 0.00	18.96 -0.03 0.00	19.96 -0.10 0.00	20.78 0.03 0.00	24.46 -0.26 0.00	29.60 -0.42 0.00	21.81 -0.60 0.00	20.92 -0.53 0.00	20.37 -0.58 0.00	19.34 -0.81 0.00	20.23 -0.74 0.00	18.01 -0.55 0.00
SYRACUSE___ENERGY_ST1 323597	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	21.18 -0.06 0.00	20.64 -0.02 0.00	21.17 0.01 0.00	20.11 0.04 0.00	20.68 0.04 0.00	22.22 0.07 0.00	27.79 0.11 0.00	32.62 0.09 0.00	27.99 0.10 0.00	20.96 0.11 0.00	19.64 0.13 0.00	19.50 0.15 0.00	18.56 0.07 0.00	19.03 0.04 0.00	20.10 0.04 0.00	20.89 0.14 0.00	24.82 0.11 0.00	30.19 0.17 0.00	22.49 0.08 0.00	21.49 0.04 0.00	20.95 0.01 0.00	20.10 -0.05 0.00	20.94 -0.02 0.00	18.54 -0.02 0.00

SYRACUSE___POWER 24017	21.07 -0.18 0.00	20.50 -0.15 0.00	21.01 -0.14 0.00	19.96 -0.10 0.00	20.53 -0.10 0.00	22.04 -0.11 0.00	27.56 -0.12 0.00	32.36 -0.17 0.00	27.77 -0.12 0.00	20.79 -0.05 0.00	19.48 -0.04 0.00	19.32 -0.03 0.00	18.41 -0.07 0.00	18.87 -0.12 0.00	19.92 -0.13 0.00	20.70 -0.05 0.00	24.63 -0.08 0.00	29.98 -0.04 0.00	22.33 -0.08 0.00	21.34 -0.10 0.00	20.82 -0.12 0.00	19.98 -0.17 0.00	20.81 -0.16 0.00	18.42 -0.14 0.00
TALLMAN___138KV_BK151 55660	22.13 0.89 0.00	21.46 0.80 0.00	21.92 0.76 0.00	20.77 0.71 0.00	21.32 0.68 0.00	22.91 0.76 0.00	28.70 1.02 0.00	33.83 1.30 0.00	28.89 1.00 0.00	21.58 0.73 0.00	20.19 0.67 0.00	19.95 0.60 0.00	19.12 0.64 0.00	19.67 0.67 0.00	20.76 0.70 0.00	21.47 0.72 0.00	25.68 0.97 0.00	31.49 1.47 0.00	23.59 1.18 0.00	22.59 1.14 0.00	22.06 1.11 0.00	21.18 1.02 0.00	21.93 0.97 0.00	19.47 0.91 0.00
TEALLAVE_115KV_TB7 355573	20.93 -0.32 0.00	20.37 -0.29 0.00	20.87 -0.29 0.00	19.82 -0.24 0.00	20.39 -0.24 0.00	21.88 -0.27 0.00	27.35 -0.33 0.00	32.10 -0.42 0.00	27.57 -0.32 0.00	20.64 -0.21 0.00	19.33 -0.19 0.00	19.17 -0.17 0.00	18.28 -0.20 0.00	18.75 -0.24 0.00	19.78 -0.28 0.00	20.53 -0.22 0.00	24.44 -0.27 0.00	29.74 -0.28 0.00	22.14 -0.26 0.00	21.17 -0.27 0.00	20.66 -0.28 0.00	19.83 -0.33 0.00	20.66 -0.30 0.00	18.30 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	20.37 -0.87 0.00	19.96 -0.70 0.00	20.60 -0.55 0.00	19.62 -0.44 0.00	20.15 -0.49 0.00	21.60 -0.55 0.00	26.88 -0.80 0.00	30.95 -1.58 0.00	27.04 -0.85 0.00	20.35 -0.49 0.00	19.14 -0.38 0.00	19.18 -0.17 0.00	18.17 -0.32 0.00	18.69 -0.31 0.00	19.62 -0.44 0.00	20.43 -0.32 0.00	23.99 -0.72 0.00	28.99 -1.03 0.00	21.33 -1.07 0.00	20.47 -0.98 0.00	19.94 -1.00 0.00	18.94 -1.21 0.00	19.83 -1.13 0.00	17.68 -0.87 0.00
TEMPLE___115KV_TB 2 55572	20.94 -0.31 0.00	20.37 -0.29 0.00	20.88 -0.28 0.00	19.83 -0.23 0.00	20.40 -0.23 0.00	21.88 -0.26 0.00	27.36 -0.31 0.00	32.10 -0.42 0.00	27.58 -0.32 0.00	20.64 -0.20 0.00	19.34 -0.18 0.00	19.18 -0.17 0.00	18.29 -0.19 0.00	18.76 -0.24 0.00	19.79 -0.26 0.00	20.54 -0.21 0.00	24.45 -0.26 0.00	29.75 -0.27 0.00	22.15 -0.25 0.00	21.18 -0.26 0.00	20.67 -0.27 0.00	19.84 -0.32 0.00	20.67 -0.29 0.00	18.31 -0.25 0.00
TIANA____69_KV_BK 1 55817	23.05 1.81 0.00	22.43 1.76 0.00	22.84 1.69 0.00	21.70 1.63 0.00	22.23 1.60 0.00	24.02 1.88 0.00	31.77 2.48 -1.61	35.62 2.97 -0.12	30.09 2.19 0.00	22.13 1.29 0.00	20.86 1.35 0.00	20.45 1.11 0.00	19.54 1.05 0.00	20.13 1.14 0.00	21.42 1.36 0.00	21.93 1.18 0.00	26.53 1.81 0.00	33.21 2.87 -0.32	24.85 2.22 -0.22	24.17 2.02 -0.70	28.22 2.01 -5.27	22.68 1.83 -0.70	40.63 1.88 -17.79	42.65 1.85 -22.24
TILDEN___115KV_TB1 80814	21.07 -0.18 0.00	20.50 -0.15 0.00	21.01 -0.14 0.00	19.96 -0.10 0.00	20.53 -0.10 0.00	22.04 -0.11 0.00	27.56 -0.12 0.00	32.36 -0.17 0.00	27.77 -0.12 0.00	20.79 -0.05 0.00	19.48 -0.04 0.00	19.32 -0.03 0.00	18.41 -0.07 0.00	18.87 -0.12 0.00	19.92 -0.13 0.00	20.70 -0.05 0.00	24.63 -0.08 0.00	29.98 -0.04 0.00	22.33 -0.08 0.00	21.34 -0.10 0.00	20.82 -0.12 0.00	19.98 -0.17 0.00	20.81 -0.16 0.00	18.42 -0.14 0.00
TRIGEN___CC 323695	22.56 1.32 0.00	21.88 1.22 0.00	22.30 1.15 0.00	21.13 1.06 0.00	21.65 1.01 0.00	23.33 1.18 0.00	30.86 1.57 -1.61	34.59 1.94 -0.12	29.44 1.55 0.00	21.94 1.09 0.00	20.60 1.09 0.00	20.31 0.96 0.00	19.44 0.95 0.00	20.01 1.02 0.00	21.18 1.12 0.00	21.84 1.09 0.00	26.22 1.50 0.00	32.48 2.13 -0.32	24.34 1.71 -0.22	23.77 1.62 -0.70	27.80 1.59 -5.27	22.32 1.46 -0.70	40.18 1.43 -17.79	42.12 1.33 -22.24
TRINITY___115KV___4 BK 55933	21.30 0.06 0.00	20.68 0.02 0.00	21.12 -0.03 0.00	20.02 -0.05 0.00	20.58 -0.06 0.00	22.05 -0.10 0.00	27.56 -0.12 0.00	32.44 -0.09 0.00	27.80 -0.09 0.00	20.73 -0.11 0.00	19.35 -0.16 0.00	19.12 -0.23 0.00	18.33 -0.16 0.00	18.81 -0.18 0.00	19.90 -0.15 0.00	20.68 -0.07 0.00	24.76 0.05 0.00	30.31 0.29 0.00	22.66 0.25 0.00	21.66 0.21 0.00	21.15 0.21 0.00	20.32 0.17 0.00	21.07 0.11 0.00	18.78 0.22 0.00
UNION___PROCESSING_DRP 323587	20.58 -0.67 0.00	20.10 -0.56 0.00	20.66 -0.49 0.00	19.65 -0.42 0.00	20.21 -0.43 0.00	21.65 -0.50 0.00	27.02 -0.66 0.00	31.37 -1.16 0.00	27.18 -0.71 0.00	20.44 -0.41 0.00	19.19 -0.32 0.00	19.17 -0.18 0.00	18.22 -0.27 0.00	18.71 -0.28 0.00	19.72 -0.34 0.00	20.52 -0.23 0.00	24.23 -0.49 0.00	29.35 -0.66 0.00	21.72 -0.68 0.00	20.81 -0.63 0.00	20.29 -0.65 0.00	19.35 -0.80 0.00	20.21 -0.75 0.00	17.94 -0.62 0.00
UPPER HUDSON___HYD 24058	22.11 0.87 0.00	21.44 0.78 0.00	21.81 0.66 0.00	20.66 0.59 0.00	21.28 0.64 0.00	22.89 0.74 0.00	28.70 1.02 0.00	33.82 1.29 0.00	28.80 0.90 0.00	21.33 0.48 0.00	19.82 0.31 0.00	19.57 0.22 0.00	18.68 0.19 0.00	19.32 0.32 0.00	20.55 0.50 0.00	21.47 0.72 0.00	25.75 1.04 0.00	31.56 1.54 0.00	23.48 1.08 0.00	22.39 0.94 0.00	21.91 0.97 0.00	21.12 0.96 0.00	21.83 0.87 0.00	19.34 0.78 0.00
UPPER RAQUET___HYD 24056	21.39 0.15 0.00	20.82 0.17 0.00	21.41 0.25 0.00	20.28 0.21 0.00	20.86 0.22 0.00	22.19 0.05 0.00	27.61 -0.07 0.00	32.50 -0.03 0.00	27.90 0.01 0.00	20.80 -0.05 0.00	19.45 -0.06 0.00	19.32 -0.03 0.00	18.46 -0.02 0.00	18.99 0.00 0.00	20.07 0.01 0.00	20.64 -0.11 0.00	24.56 -0.15 0.00	29.35 -0.66 0.00	21.85 -0.55 0.00	20.98 -0.47 0.00	20.53 -0.41 0.00	19.86 -0.30 0.00	20.80 -0.16 0.00	18.44 -0.12 0.00
VALLEY44_115KV_TB2 355964	21.04 -0.20 0.00	20.63 -0.03 0.00	21.23 0.08 0.00	20.24 0.18 0.00	20.85 0.21 0.00	22.27 0.12 0.00	27.62 -0.06 0.00	31.96 -0.57 0.00	27.76 -0.13 0.00	21.05 0.21 0.00	19.92 0.40 0.00	19.95 0.60 0.00	18.98 0.49 0.00	19.45 0.46 0.00	20.44 0.38 0.00	21.17 0.42 0.00	24.71 0.00 0.00	29.85 -0.17 0.00	22.06 -0.34 0.00	21.20 -0.25 0.00	20.65 -0.29 0.00	19.68 -0.48 0.00	20.59 -0.37 0.00	18.35 -0.21 0.00
VALLEY___115KV_TB 1-4 80826	21.00 -0.24 0.00	20.37 -0.29 0.00	20.80 -0.36 0.00	19.75 -0.31 0.00	20.40 -0.23 0.00	21.90 -0.24 0.00	27.48 -0.20 0.00	32.50 -0.04 0.00	27.90 0.01 0.00	20.71 -0.13 0.00	19.29 -0.23 0.00	19.05 -0.29 0.00	18.21 -0.28 0.00	18.74 -0.26 0.00	19.83 -0.22 0.00	20.62 -0.13 0.00	24.58 -0.13 0.00	29.93 -0.09 0.00	22.38 -0.03 0.00	21.40 -0.05 0.00	20.87 -0.07 0.00	20.09 -0.06 0.00	20.78 -0.18 0.00	18.37 -0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.99 0.74 0.00	21.35 0.69 0.00	21.86 0.71 0.00	20.75 0.68 0.00	21.36 0.72 0.00	22.95 0.81 0.00	28.75 1.08 0.00	33.86 1.33 0.00	29.04 1.15 0.00	21.73 0.89 0.00	20.34 0.83 0.00	20.12 0.77 0.00	19.20 0.72 0.00	19.71 0.72 0.00	20.81 0.75 0.00	21.58 0.83 0.00	25.74 1.03 0.00	31.39 1.36 0.00	23.39 0.98 0.00	22.36 0.91 0.00	21.82 0.88 0.00	20.94 0.78 0.00	21.71 0.75 0.00	19.23 0.67 0.00

VISCHER___FERRY HYD 24020	21.60 0.36 0.00	20.98 0.32 0.00	21.42 0.27 0.00	20.30 0.23 0.00	20.89 0.25 0.00	22.42 0.27 0.00	28.09 0.41 0.00	33.05 0.52 0.00	28.31 0.41 0.00	21.04 0.19 0.00	19.62 0.10 0.00	19.38 0.04 0.00	18.54 0.05 0.00	19.10 0.10 0.00	20.23 0.17 0.00	21.06 0.31 0.00	25.20 0.49 0.00	30.92 0.90 0.00	23.08 0.67 0.00	22.07 0.62 0.00	21.55 0.61 0.00	20.72 0.56 0.00	21.47 0.50 0.00	19.04 0.49 0.00
V_A_10_SYNC_DSASP 323832	20.06 -1.18 0.00	19.65 -1.01 0.00	20.25 -0.91 0.00	19.28 -0.79 0.00	19.81 -0.83 0.00	20.37 -0.95 0.83	26.40 -1.28 0.00	28.72 -2.07 1.74	23.34 -1.39 3.16	19.11 -0.88 0.85	18.37 -0.74 0.41	18.81 -0.55 0.00	17.85 -0.64 0.00	18.32 -0.67 0.00	19.27 -0.78 0.00	20.06 -0.69 0.00	23.56 -1.15 0.00	28.46 -1.56 0.00	21.00 -1.41 0.00	20.15 -1.30 0.00	19.65 -1.29 0.00	18.70 -1.45 0.00	19.58 -1.38 0.00	17.44 -1.12 0.00
V_CMM_10_SYNC_DSASP 323787	21.45 0.20 0.00	20.87 0.22 0.00	21.41 0.25 0.00	20.28 0.22 0.00	20.87 0.23 0.00	22.39 0.25 0.00	27.94 0.26 0.00	32.82 0.29 0.00	28.15 0.26 0.00	21.06 0.21 0.00	19.74 0.22 0.00	19.63 0.28 0.00	18.75 0.27 0.00	19.29 0.29 0.00	20.36 0.31 0.00	20.91 0.16 0.00	24.83 0.12 0.00	29.86 -0.17 0.00	22.27 -0.14 0.00	21.37 -0.08 0.00	20.89 -0.05 0.00	20.21 0.05 0.00	21.06 0.10 0.00	18.58 0.02 0.00
V_CMP_10_SYNC_DSASP 323788	21.51 0.26 0.00	20.85 0.19 0.00	21.43 0.28 0.00	20.28 0.22 0.00	20.87 0.23 0.00	22.54 0.39 0.00	28.49 0.81 0.00	33.67 1.14 0.00	28.81 0.92 0.00	21.45 0.60 0.00	20.07 0.55 0.00	19.91 0.56 0.00	19.00 0.51 0.00	19.65 0.65 0.00	20.74 0.68 0.00	21.25 0.50 0.00	24.94 0.23 0.00	29.93 -0.10 0.00	22.15 -0.26 0.00	21.25 -0.20 0.00	21.10 0.16 0.00	20.28 0.12 0.00	21.05 0.09 0.00	18.29 -0.27 0.00
V_D_10_SYNC_DSASP 323841	21.63 0.39 0.00	21.05 0.39 0.00	21.60 0.45 0.00	20.46 0.39 0.00	21.06 0.42 0.00	22.57 0.42 0.00	28.13 0.46 0.00	33.06 0.54 0.00	28.36 0.47 0.00	21.19 0.35 0.00	19.86 0.35 0.00	19.75 0.40 0.00	18.87 0.39 0.00	19.40 0.41 0.00	20.50 0.44 0.00	21.05 0.30 0.00	25.00 0.29 0.00	29.97 -0.05 0.00	22.37 -0.03 0.00	21.49 0.04 0.00	21.02 0.07 0.00	20.33 0.18 0.00	21.20 0.24 0.00	18.72 0.16 0.00
V_E_10_SYNC_DSASP 323830	22.40 1.15 0.00	21.74 1.08 0.00	22.24 1.09 0.00	21.16 1.10 0.00	21.96 1.32 0.00	24.06 1.65 -0.26	30.02 2.34 0.00	35.96 2.88 -0.55	31.43 2.55 -0.99	23.12 2.01 -0.27	21.48 1.84 -0.13	21.13 1.78 0.00	19.89 1.41 0.00	20.24 1.25 0.00	21.46 1.40 0.00	22.51 1.77 0.00	26.82 2.10 0.00	32.55 2.53 0.00	23.96 1.55 0.00	22.83 1.38 0.00	22.14 1.19 0.00	21.18 1.03 0.00	21.77 0.81 0.00	19.24 0.68 0.00
V_F_30_NSYNC___DSASP 323816	21.97 0.72 0.00	21.33 0.67 0.00	21.76 0.60 0.00	20.62 0.56 0.00	21.24 0.60 0.00	22.80 0.66 0.00	28.59 0.91 0.00	33.65 1.12 0.00	28.77 0.88 0.00	21.36 0.52 0.00	19.90 0.38 0.00	19.65 0.30 0.00	18.77 0.29 0.00	19.37 0.38 0.00	20.56 0.50 0.00	21.43 0.68 0.00	25.68 0.96 0.00	31.43 1.41 0.00	23.43 1.03 0.00	22.39 0.95 0.00	21.87 0.93 0.00	21.03 0.88 0.00	21.78 0.82 0.00	19.30 0.74 0.00
V_F_30_SYNC_DSASP 323786	21.38 0.14 0.00	20.75 0.09 0.00	21.20 0.05 0.00	20.09 0.02 0.00	20.66 0.02 0.00	22.17 0.03 0.00	27.76 0.08 0.00	32.68 0.15 0.00	28.01 0.11 0.00	20.89 0.04 0.00	19.50 -0.02 0.00	19.27 -0.09 0.00	18.46 -0.03 0.00	18.96 -0.04 0.00	20.07 0.01 0.00	20.85 0.10 0.00	24.97 0.25 0.00	30.57 0.54 0.00	22.84 0.43 0.00	21.83 0.38 0.00	21.32 0.38 0.00	20.47 0.32 0.00	21.23 0.27 0.00	18.86 0.31 0.00
V_XM_10_SYNC_DSASP 323789	21.51 0.26 0.00	20.85 0.19 0.00	21.43 0.28 0.00	20.28 0.22 0.00	20.87 0.23 0.00	22.54 0.39 0.00	28.49 0.81 0.00	33.67 1.14 0.00	28.81 0.92 0.00	21.45 0.60 0.00	20.07 0.55 0.00	19.91 0.56 0.00	19.00 0.51 0.00	19.65 0.65 0.00	20.74 0.68 0.00	21.25 0.50 0.00	24.94 0.23 0.00	29.93 -0.10 0.00	22.15 -0.26 0.00	21.25 -0.20 0.00	21.10 0.16 0.00	20.28 0.12 0.00	21.05 0.09 0.00	18.29 -0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.20 0.96 0.00	21.52 0.87 0.00	21.98 0.83 0.00	20.83 0.77 0.00	21.38 0.74 0.00	22.97 0.83 0.00	28.78 1.10 0.00	33.93 1.40 0.00	28.99 1.10 0.00	21.65 0.80 0.00	20.26 0.74 0.00	20.02 0.67 0.00	19.19 0.70 0.00	19.73 0.73 0.00	20.83 0.77 0.00	21.55 0.80 0.00	25.78 1.07 0.00	31.61 1.59 0.00	23.67 1.27 0.00	22.67 1.22 0.00	22.13 1.19 0.00	21.25 1.10 0.00	22.00 1.04 0.00	19.53 0.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.31 1.06 0.00	21.62 0.96 0.00	22.06 0.91 0.00	20.91 0.84 0.00	21.43 0.79 0.00	23.03 0.88 0.00	28.84 1.16 0.00	34.02 1.49 0.00	29.06 1.17 0.00	21.75 0.91 0.00	20.39 0.87 0.00	20.15 0.80 0.00	19.32 0.83 0.00	19.86 0.87 0.00	20.97 0.91 0.00	21.67 0.93 0.00	25.91 1.19 0.00	31.74 1.72 0.00	23.80 1.39 0.00	22.77 1.32 0.00	22.23 1.29 0.00	21.35 1.20 0.00	22.08 1.12 0.00	19.61 1.05 0.00
W50THST__13_KV_LOAD 356117	22.47 1.22 0.00	21.77 1.11 0.00	22.21 1.06 0.00	21.05 0.99 0.00	21.57 0.94 0.00	23.19 1.05 0.00	29.04 1.36 0.00	34.27 1.74 0.00	29.28 1.39 0.00	21.93 1.09 0.00	20.55 1.04 0.00	20.31 0.96 0.00	19.48 0.99 0.00	20.03 1.04 0.00	21.14 1.09 0.00	21.85 1.10 0.00	26.13 1.41 0.00	32.00 1.98 0.00	23.98 1.58 0.00	22.95 1.50 0.00	22.41 1.47 0.00	21.52 1.37 0.00	22.25 1.29 0.00	19.76 1.20 0.00
WADING RIVER_IC_1 23522	22.87 1.63 0.00	22.26 1.61 0.00	22.68 1.53 0.00	21.55 1.48 0.00	22.09 1.45 0.00	23.85 1.71 0.00	31.56 2.27 -1.61	35.35 2.69 -0.12	29.83 1.93 0.00	21.88 1.04 0.00	20.67 1.15 0.00	20.27 0.92 0.00	19.36 0.87 0.00	19.96 0.96 0.00	21.22 1.16 0.00	21.68 0.93 0.00	26.20 1.49 0.00	32.86 2.52 -0.32	24.58 1.95 -0.22	23.90 1.75 -0.70	27.99 1.78 -5.27	22.46 1.61 -0.70	40.43 1.68 -17.79	42.53 1.73 -22.24
WADING RIVER_IC_2 23547	22.87 1.63 0.00	22.26 1.61 0.00	22.68 1.53 0.00	21.55 1.48 0.00	22.09 1.45 0.00	23.85 1.71 0.00	31.56 2.27 -1.61	35.35 2.69 -0.12	29.83 1.93 0.00	21.88 1.04 0.00	20.67 1.15 0.00	20.27 0.92 0.00	19.36 0.87 0.00	19.96 0.96 0.00	21.22 1.16 0.00	21.68 0.93 0.00	26.20 1.49 0.00	32.86 2.52 -0.32	24.58 1.95 -0.22	23.90 1.75 -0.70	27.99 1.78 -5.27	22.46 1.61 -0.70	40.43 1.68 -17.79	42.53 1.73 -22.24
WADING RIVER_IC_3 23601	22.87 1.63 0.00	22.26 1.61 0.00	22.68 1.53 0.00	21.55 1.48 0.00	22.09 1.45 0.00	23.85 1.71 0.00	31.56 2.27 -1.61	35.35 2.69 -0.12	29.83 1.93 0.00	21.88 1.04 0.00	20.67 1.15 0.00	20.27 0.92 0.00	19.36 0.87 0.00	19.96 0.96 0.00	21.22 1.16 0.00	21.68 0.93 0.00	26.20 1.49 0.00	32.86 2.52 -0.32	24.58 1.95 -0.22	23.90 1.75 -0.70	27.99 1.78 -5.27	22.46 1.61 -0.70	40.43 1.68 -17.79	42.53 1.73 -22.24

WALDENNY_12_KV_BK2 80841	20.42 -0.82 0.00	20.03 -0.63 0.00	20.68 -0.47 0.00	19.71 -0.35 0.00	20.27 -0.36 0.00	21.73 -0.42 0.00	27.07 -0.61 0.00	31.17 -1.36 0.00	27.16 -0.73 0.00	20.50 -0.34 0.00	19.31 -0.20 0.00	19.38 0.03 0.00	18.38 -0.11 0.00	18.86 -0.14 0.00	19.79 -0.27 0.00	20.60 -0.15 0.00	24.16 -0.55 0.00	29.14 -0.88 0.00	21.44 -0.97 0.00	20.55 -0.89 0.00	20.01 -0.93 0.00	19.00 -1.16 0.00	19.85 -1.11 0.00	17.69 -0.87 0.00
WALDEN___HYDRO 24148	22.23 0.98 0.00	21.55 0.89 0.00	22.00 0.85 0.00	20.85 0.78 0.00	21.40 0.76 0.00	23.01 0.86 0.00	28.82 1.14 0.00	33.98 1.45 0.00	29.04 1.15 0.00	21.62 0.77 0.00	20.22 0.70 0.00	19.95 0.60 0.00	19.10 0.62 0.00	19.66 0.66 0.00	20.78 0.72 0.00	21.58 0.83 0.00	25.86 1.15 0.00	31.73 1.71 0.00	23.76 1.35 0.00	22.74 1.30 0.00	22.20 1.26 0.00	21.31 1.16 0.00	22.06 1.10 0.00	19.56 1.00 0.00
WARRENSBURG___ 23737	22.11 0.87 0.00	21.44 0.78 0.00	21.81 0.66 0.00	20.66 0.59 0.00	21.28 0.64 0.00	22.89 0.74 0.00	28.70 1.02 0.00	33.82 1.29 0.00	28.80 0.90 0.00	21.33 0.48 0.00	19.82 0.31 0.00	19.57 0.22 0.00	18.68 0.19 0.00	19.32 0.32 0.00	20.55 0.50 0.00	21.47 0.72 0.00	25.75 1.04 0.00	31.56 1.54 0.00	23.48 1.08 0.00	22.39 0.94 0.00	21.91 0.97 0.00	21.12 0.96 0.00	21.83 0.87 0.00	19.34 0.78 0.00
WATERSIDE___6 8 9 23538	22.39 1.15 0.00	21.69 1.03 0.00	22.13 0.98 0.00	20.96 0.90 0.00	21.48 0.85 0.00	23.09 0.94 0.00	28.92 1.24 0.00	34.13 1.60 0.00	29.16 1.27 0.00	21.84 1.00 0.00	20.45 0.94 0.00	20.21 0.86 0.00	19.38 0.89 0.00	19.92 0.93 0.00	21.04 0.98 0.00	21.74 0.99 0.00	26.00 1.29 0.00	31.86 1.84 0.00	23.88 1.48 0.00	22.87 1.42 0.00	22.32 1.38 0.00	21.44 1.28 0.00	22.16 1.20 0.00	19.68 1.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.17 -0.08 0.00	20.55 -0.11 0.00	21.00 -0.15 0.00	19.92 -0.14 0.00	20.53 -0.11 0.00	22.04 -0.11 0.00	27.62 -0.06 0.00	32.57 0.04 0.00	27.93 0.04 0.00	20.76 -0.08 0.00	19.36 -0.16 0.00	19.13 -0.22 0.00	18.28 -0.20 0.00	18.80 -0.19 0.00	19.90 -0.16 0.00	20.69 -0.06 0.00	24.74 0.03 0.00	30.19 0.17 0.00	22.56 0.16 0.00	21.57 0.12 0.00	21.04 0.09 0.00	20.23 0.08 0.00	20.96 0.00 0.00	18.54 -0.02 0.00
WATSON___69_KV_BK 1 55734	23.07 1.83 0.00	22.39 1.73 0.00	22.80 1.65 0.00	21.60 1.54 0.00	22.13 1.49 0.00	23.89 1.75 0.00	31.61 2.32 -1.61	35.47 2.82 -0.12	30.08 2.19 0.00	22.33 1.49 0.00	21.01 1.50 0.00	20.63 1.28 0.00	19.72 1.23 0.00	20.31 1.32 0.00	21.57 1.51 0.00	22.20 1.45 0.00	26.76 2.04 0.00	33.25 2.91 -0.32	24.95 2.32 -0.22	24.30 2.15 -0.70	28.33 2.12 -5.27	22.80 1.94 -0.70	40.70 1.94 -17.79	42.60 1.80 -22.24
WDELAWARE___HYD 323627	22.38 1.14 0.00	21.68 1.02 0.00	22.14 0.98 0.00	20.98 0.92 0.00	21.55 0.91 0.00	23.17 1.03 0.00	29.10 1.41 0.00	34.25 1.72 0.00	29.27 1.38 0.00	21.81 0.96 0.00	20.39 0.88 0.00	20.10 0.75 0.00	19.20 0.71 0.00	19.75 0.75 0.00	20.90 0.84 0.00	21.73 0.98 0.00	26.16 1.45 0.00	32.14 2.12 0.00	24.16 1.75 0.00	23.07 1.62 0.00	22.51 1.57 0.00	21.61 1.45 0.00	22.35 1.39 0.00	19.78 1.22 0.00
WEST BABYLON___IC 23714	23.00 1.76 0.00	22.31 1.66 0.00	22.73 1.58 0.00	21.52 1.46 0.00	22.06 1.42 0.00	23.80 1.66 0.00	31.49 2.20 -1.61	35.33 2.68 -0.12	30.00 2.11 0.00	22.30 1.45 0.00	20.96 1.45 0.00	20.60 1.25 0.00	19.70 1.21 0.00	20.29 1.30 0.00	21.53 1.47 0.00	22.17 1.42 0.00	26.71 2.00 0.00	33.17 2.83 -0.32	24.88 2.25 -0.22	24.26 2.11 -0.70	28.28 2.07 -5.27	22.75 1.89 -0.70	40.64 1.88 -17.79	42.53 1.73 -22.24
WEST CANADA___HYD 24049	21.25 0.01 0.00	20.66 0.00 0.00	21.14 -0.01 0.00	20.07 0.00 0.00	20.64 0.00 0.00	22.14 0.00 0.00	27.68 0.00 0.00	32.55 0.02 0.00	27.91 0.02 0.00	20.83 -0.01 0.00	19.49 -0.03 0.00	19.31 -0.04 0.00	18.46 -0.03 0.00	18.97 -0.02 0.00	20.04 -0.02 0.00	20.77 0.02 0.00	24.76 0.04 0.00	30.14 0.12 0.00	22.49 0.08 0.00	21.51 0.06 0.00	20.99 0.05 0.00	20.17 0.02 0.00	20.96 0.00 0.00	18.56 0.01 0.00
WESTERN_NY_WIND 24143	20.68 -0.56 0.00	20.24 -0.42 0.00	20.87 -0.28 0.00	19.87 -0.19 0.00	20.42 -0.22 0.00	21.88 -0.26 0.00	27.28 -0.40 0.00	31.49 -1.05 0.00	27.49 -0.40 0.00	20.68 -0.17 0.00	19.42 -0.09 0.00	19.43 0.08 0.00	18.40 -0.09 0.00	18.95 -0.05 0.00	19.93 -0.13 0.00	20.75 0.00 0.00	24.41 -0.30 0.00	29.55 -0.47 0.00	21.77 -0.64 0.00	20.88 -0.57 0.00	20.32 -0.62 0.00	19.31 -0.85 0.00	20.19 -0.77 0.00	17.97 -0.58 0.00
WESTOVER___LESR 323668	21.10 -0.15 0.00	20.54 -0.12 0.00	21.08 -0.07 0.00	20.04 -0.03 0.00	20.65 0.01 0.00	22.18 0.04 0.00	27.77 0.09 0.00	32.56 0.03 0.00	27.93 0.04 0.00	20.97 0.12 0.00	19.67 0.15 0.00	19.52 0.17 0.00	18.64 0.15 0.00	19.08 0.08 0.00	20.12 0.06 0.00	20.84 0.09 0.00	24.76 0.04 0.00	30.10 0.08 0.00	22.41 0.00 0.00	21.44 -0.01 0.00	20.90 -0.04 0.00	20.05 -0.10 0.00	20.81 -0.15 0.00	18.43 -0.13 0.00
WETHRSFD_WT_PWR 323626	20.02 -1.22 0.00	19.71 -0.95 0.00	20.42 -0.73 0.00	19.51 -0.55 0.00	20.08 -0.56 0.00	20.34 -0.62 1.18	26.81 -0.87 0.00	28.39 -1.66 2.48	22.37 -1.03 4.49	19.03 -0.60 1.22	18.55 -0.38 0.59	19.31 -0.04 0.00	18.36 -0.13 0.00	18.80 -0.20 0.00	19.73 -0.33 0.00	20.45 -0.30 0.00	23.97 -0.75 0.00	28.82 -1.20 0.00	21.17 -1.23 0.00	20.21 -1.23 0.00	19.56 -1.38 0.00	18.55 -1.61 0.00	19.29 -1.67 0.00	17.17 -1.39 0.00
WHAVSTOR_138KV_BK127 55557	22.12 0.87 0.00	21.45 0.79 0.00	21.90 0.75 0.00	20.76 0.70 0.00	21.30 0.66 0.00	22.89 0.74 0.00	28.67 0.99 0.00	33.80 1.27 0.00	28.87 0.98 0.00	21.56 0.71 0.00	20.18 0.66 0.00	19.94 0.59 0.00	19.11 0.62 0.00	19.65 0.66 0.00	20.75 0.69 0.00	21.46 0.71 0.00	25.67 0.96 0.00	31.48 1.46 0.00	23.58 1.17 0.00	22.57 1.12 0.00	22.04 1.10 0.00	21.17 1.02 0.00	21.92 0.96 0.00	19.46 0.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.12 0.87 0.00	21.45 0.79 0.00	21.90 0.75 0.00	20.76 0.70 0.00	21.30 0.66 0.00	22.89 0.74 0.00	28.67 0.99 0.00	33.80 1.27 0.00	28.87 0.98 0.00	21.56 0.71 0.00	20.18 0.66 0.00	19.94 0.59 0.00	19.11 0.62 0.00	19.65 0.66 0.00	20.75 0.69 0.00	21.46 0.71 0.00	25.67 0.96 0.00	31.48 1.46 0.00	23.58 1.17 0.00	22.57 1.12 0.00	22.04 1.10 0.00	21.17 1.02 0.00	21.92 0.96 0.00	19.46 0.90 0.00
WHITEHAL_115KV_TB1 80871	22.25 1.01 0.00	21.69 1.03 0.00	21.99 0.84 0.00	20.77 0.71 0.00	21.42 0.78 0.00	23.17 1.03 0.00	29.35 1.68 0.00	34.70 2.17 0.00	29.65 1.76 0.00	21.67 0.82 0.00	20.01 0.49 0.00	19.73 0.38 0.00	18.85 0.36 0.00	19.68 0.69 0.00	21.15 1.09 0.00	22.24 1.49 0.00	26.65 1.94 0.00	32.69 2.67 0.00	24.16 1.75 0.00	22.83 1.38 0.00	22.50 1.56 0.00	21.47 1.31 0.00	22.10 1.14 0.00	19.58 1.03 0.00

WHITEPLN_13_KV_LOAD 356215	22.41 1.16 0.00	21.72 1.06 0.00	22.14 0.99 0.00	20.99 0.93 0.00	21.53 0.89 0.00	23.14 1.00 0.00	28.99 1.31 0.00	34.20 1.67 0.00	29.23 1.34 0.00	21.85 1.00 0.00	20.47 0.95 0.00	20.23 0.88 0.00	19.38 0.89 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.78 1.03 0.00	26.07 1.35 0.00	31.97 1.95 0.00	23.95 1.55 0.00	22.91 1.47 0.00	22.37 1.43 0.00	21.48 1.33 0.00	22.21 1.25 0.00	19.72 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	22.92 1.68 0.00	22.28 1.63 0.00	22.70 1.55 0.00	21.53 1.47 0.00	22.07 1.43 0.00	23.84 1.69 0.00	31.54 2.25 -1.61	35.35 2.70 -0.12	29.89 2.00 0.00	22.03 1.18 0.00	20.76 1.25 0.00	20.36 1.02 0.00	19.45 0.97 0.00	20.06 1.06 0.00	21.33 1.27 0.00	21.87 1.12 0.00	26.42 1.71 0.00	32.99 2.65 -0.32	24.71 2.07 -0.22	24.05 1.90 -0.70	28.11 1.89 -5.27	22.58 1.72 -0.70	40.51 1.76 -17.79	42.52 1.72 -22.24
WOODARD__115KV_TB2 355635	20.91 -0.34 0.00	20.35 -0.31 0.00	20.85 -0.30 0.00	19.80 -0.26 0.00	20.37 -0.26 0.00	21.86 -0.29 0.00	27.32 -0.36 0.00	32.07 -0.46 0.00	27.53 -0.36 0.00	20.61 -0.24 0.00	19.31 -0.21 0.00	19.16 -0.19 0.00	18.26 -0.23 0.00	18.72 -0.27 0.00	19.76 -0.30 0.00	20.51 -0.24 0.00	24.40 -0.31 0.00	29.69 -0.33 0.00	22.12 -0.29 0.00	21.15 -0.30 0.00	20.63 -0.31 0.00	19.81 -0.35 0.00	20.64 -0.32 0.00	18.28 -0.28 0.00
YORK___WARBASSE 23770	22.43 1.18 0.00	21.72 1.07 0.00	22.16 1.01 0.00	20.99 0.93 0.00	21.52 0.88 0.00	23.12 0.98 0.00	28.96 1.28 0.00	34.18 1.65 0.00	29.21 1.32 0.00	21.88 1.04 0.00	20.47 0.95 0.00	20.22 0.87 0.00	19.39 0.90 0.00	19.93 0.94 0.00	21.05 0.99 0.00	21.75 1.00 0.00	26.03 1.31 0.00	31.90 1.89 0.00	23.93 1.52 0.00	22.92 1.48 0.00	22.40 1.45 0.00	21.51 1.35 0.00	22.23 1.27 0.00	19.74 1.18 0.00