

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/18/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	20.43	18.99	17.71	16.45	18.53	21.90	21.14	24.44	23.41	27.41	26.69	24.45	23.25	22.31	21.68	20.86	22.90	26.09	26.12	27.85	23.33	26.83	28.24	24.17
24138	0.88	0.80	0.71	0.67	0.78	1.04	1.26	1.65	1.56	1.86	1.87	1.67	1.57	1.43	1.31	1.25	1.45	1.73	2.05	2.38	1.93	1.83	1.56	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.42	18.99	17.72	16.45	18.54	21.89	21.13	24.41	23.37	27.34	26.62	24.39	23.19	22.24	21.63	20.81	22.84	26.01	26.04	27.78	23.27	26.79	28.20	24.14
24260	0.88	0.81	0.72	0.67	0.78	1.03	1.24	1.62	1.51	1.79	1.80	1.60	1.50	1.36	1.26	1.19	1.39	1.65	1.98	2.31	1.88	1.79	1.52	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	20.42	18.99	17.72	16.45	18.54	21.89	21.13	24.41	23.37	27.34	26.62	24.39	23.19	22.24	21.63	20.81	22.84	26.01	26.04	27.78	23.27	26.79	28.20	24.14
24261	0.88	0.81	0.72	0.67	0.78	1.03	1.24	1.62	1.51	1.79	1.80	1.60	1.50	1.36	1.26	1.19	1.39	1.65	1.98	2.31	1.88	1.79	1.52	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.17	18.73	17.48	16.25	18.31	21.65	20.86	24.02	22.86	26.30	25.60	23.53	22.34	21.41	20.85	20.16	22.24	25.44	25.39	26.94	22.66	26.20	27.49	23.56
24011	0.62	0.55	0.48	0.47	0.55	0.80	0.97	1.23	1.00	0.76	0.78	0.74	0.65	0.53	0.48	0.55	0.79	1.09	1.33	1.46	1.27	1.19	0.82	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.23	18.81	17.53	16.30	18.37	21.76	21.01	24.18	23.00	26.40	25.71	23.65	22.43	21.48	20.92	20.27	22.38	25.66	25.64	27.17	22.88	26.41	27.63	23.68
23798	0.69	0.62	0.53	0.52	0.61	0.91	1.12	1.39	1.14	0.86	0.89	0.86	0.74	0.60	0.55	0.65	0.93	1.30	1.57	1.70	1.48	1.40	0.96	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.17	18.73	17.48	16.25	18.31	21.65	20.86	24.02	22.86	26.30</														

ALBANY___2 23572	19.95 0.40 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.47 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.59 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.14 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.58 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
ALBANY___3 23573	19.95 0.40 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.47 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.59 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.14 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.58 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
ALBANY___4 23574	19.95 0.40 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.47 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.59 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.14 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.58 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
ALBANY___LFGE 323615	20.05 0.50 0.00	18.64 0.46 0.00	17.42 0.42 0.00	16.17 0.39 0.00	18.21 0.45 0.00	21.44 0.59 0.00	20.57 0.68 0.00	23.67 0.88 0.00	22.57 0.71 0.00	26.26 0.72 0.00	25.50 0.68 0.00	23.41 0.63 0.00	22.29 0.60 0.00	21.43 0.55 0.00	20.89 0.51 0.00	20.11 0.50 0.00	22.08 0.63 0.00	25.10 0.75 0.00	25.00 0.93 0.00	26.55 1.08 0.00	22.31 0.91 0.00	25.87 0.87 0.00	27.30 0.63 0.00	23.45 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	19.49 -0.06 0.00	18.11 -0.07 0.00	16.89 -0.10 0.00	15.69 -0.09 0.00	17.67 -0.09 0.00	20.74 -0.12 0.00	19.65 -0.23 0.00	22.41 -0.38 0.00	21.57 -0.29 0.00	25.40 -0.22 -0.08	24.60 -0.22 0.00	22.61 -0.18 0.00	21.53 -0.15 0.00	20.73 -0.15 0.00	20.28 -0.09 0.00	19.54 -0.07 0.00	21.33 -0.12 0.00	24.18 -0.18 0.00	23.64 -0.43 0.00	24.93 -0.55 0.00	20.94 -0.46 0.00	24.81 -0.20 0.00	26.61 -0.07 0.00	22.92 -0.01 0.00
ALCOA_RYNLDS___DRP 24188	19.49 -0.06 0.00	18.11 -0.07 0.00	16.89 -0.10 0.00	15.69 -0.09 0.00	17.67 -0.09 0.00	20.74 -0.12 0.00	19.65 -0.23 0.00	22.41 -0.38 0.00	21.57 -0.29 0.00	25.40 -0.22 -0.08	24.60 -0.22 0.00	22.61 -0.18 0.00	21.53 -0.15 0.00	20.73 -0.15 0.00	20.28 -0.09 0.00	19.54 -0.07 0.00	21.33 -0.12 0.00	24.18 -0.18 0.00	23.64 -0.43 0.00	24.93 -0.55 0.00	20.94 -0.46 0.00	24.81 -0.20 0.00	26.61 -0.07 0.00	22.92 -0.01 0.00
ALCOA___DSASP 323711	19.49 -0.06 0.00	18.11 -0.07 0.00	16.89 -0.10 0.00	15.69 -0.09 0.00	17.67 -0.09 0.00	20.74 -0.12 0.00	19.65 -0.23 0.00	22.41 -0.38 0.00	21.57 -0.29 0.00	25.40 -0.22 -0.08	24.60 -0.22 0.00	22.61 -0.18 0.00	21.53 -0.15 0.00	20.73 -0.15 0.00	20.28 -0.09 0.00	19.54 -0.07 0.00	21.33 -0.12 0.00	24.18 -0.18 0.00	23.64 -0.43 0.00	24.93 -0.54 0.00	20.94 -0.46 0.00	24.81 -0.20 0.00	26.60 -0.07 0.00	22.92 -0.01 0.00
ALLEGHENY___COGEN 23514	20.09 0.54 0.00	18.73 0.55 0.00	17.57 0.57 0.00	16.23 0.45 0.00	18.26 0.51 0.00	21.38 0.53 0.00	20.33 0.44 0.00	23.38 0.59 0.00	22.24 0.38 0.00	26.03 0.49 0.00	25.17 0.35 0.00	23.02 0.24 0.00	21.75 0.06 0.00	20.90 0.01 0.00	20.33 -0.04 0.00	19.45 -0.17 0.00	21.50 0.05 0.00	24.56 0.21 0.00	24.45 0.38 0.00	26.01 0.46 -0.07	21.83 0.43 0.00	25.07 0.06 0.00	27.09 0.14 -0.27	23.20 0.10 -0.17
ALTAMONT_115KV_TB 2 55880	19.87 0.33 0.00	18.48 0.30 0.00	17.27 0.27 0.00	16.03 0.25 0.00	18.05 0.29 0.00	21.24 0.38 0.00	20.34 0.46 0.00	23.40 0.61 0.00	22.34 0.49 0.00	26.00 0.46 0.00	25.25 0.43 0.00	23.18 0.39 0.00	22.06 0.37 0.00	21.21 0.33 0.00	20.68 0.31 0.00	19.90 0.29 0.00	21.83 0.38 0.00	24.84 0.48 0.00	24.73 0.66 0.00	26.26 0.79 0.00	22.07 0.66 0.00	25.61 0.60 0.00	27.08 0.41 0.00	23.26 0.34 0.00
ALTONA_WT_PWR 323606	18.97 -0.58 0.00	17.62 -0.56 0.00	16.28 -0.72 0.00	15.13 -0.66 0.00	17.15 -0.61 0.00	20.27 -0.59 0.00	19.23 -0.65 0.00	22.07 -0.72 0.00	21.10 -0.76 0.00	21.38 -0.99 3.18	23.96 -0.86 0.00	22.12 -0.67 0.00	21.17 -0.51 0.00	20.35 -0.53 0.00	20.00 -0.37 0.00	19.46 -0.16 0.00	21.31 -0.14 0.00	24.03 -0.32 0.00	23.39 -0.67 0.00	24.29 -1.18 0.00	20.55 -0.85 0.00	24.27 -0.73 0.00	26.15 -0.52 0.00	22.53 -0.39 0.00
AMERICAN_REF_FUEL 24010	18.73 -0.82 0.00	17.47 -0.72 0.00	16.44 -0.55 0.00	15.19 -0.59 0.00	17.09 -0.66 0.00	19.86 -0.99 0.00	18.22 -1.67 0.00	20.72 -2.07 0.00	19.95 -1.90 0.00	23.82 -1.72 0.00	23.01 -1.81 0.00	21.12 -1.67 0.00	20.06 -1.63 0.00	19.46 -1.42 0.00	19.01 -1.37 0.00	18.18 -1.43 0.01	19.56 -1.88 0.00	22.26 -2.10 0.00	21.93 -2.13 0.00	22.62 -2.69 0.16	19.10 -2.30 0.00	22.14 -2.86 0.00	23.39 -2.62 0.67	20.60 -1.90 0.43
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.36 -0.19 0.00	17.93 -0.25 0.00	16.99 -0.01 0.00	15.67 -0.11 0.00	17.58 -0.18 0.00	20.62 -0.24 0.00	19.14 -0.75 0.00	21.87 -0.92 0.00	20.90 -0.96 0.00	24.68 -0.86 0.00	23.84 -0.97 0.00	21.73 -1.06 0.00	20.63 -1.05 0.00	20.09 -0.79 0.00	19.71 -0.66 0.00	18.88 -0.73 0.01	20.34 -1.11 0.00	23.29 -1.06 0.00	22.82 -1.25 0.00	23.34 -1.95 0.18	19.79 -1.61 0.00	22.98 -2.03 0.00	24.18 -1.73 0.76	21.06 -1.37 0.49
ARTHUR KILL_GT_1 23520	20.27 0.72 0.00	18.86 0.68 0.00	17.59 0.60 0.00	16.36 0.58 0.00	18.42 0.67 0.00	21.75 0.89 0.00	20.96 1.07 0.00	24.19 1.39 0.00	23.12 1.26 0.00	27.03 1.48 0.00	26.30 1.49 0.00	24.07 1.29 0.00	22.89 1.21 0.00	21.96 1.08 0.00	21.35 0.98 0.00	20.53 0.92 0.00	22.55 1.10 0.00	25.72 1.36 0.00	25.76 1.69 0.00	27.54 2.06 0.00	23.07 1.67 0.00	26.55 1.54 0.00	28.02 1.35 0.00	24.03 1.10 0.00
ARTHUR_KILL_2 23512	20.22 0.67 0.00	18.81 0.63 0.00	17.55 0.55 0.00	16.32 0.53 0.00	18.37 0.62 0.00	21.69 0.84 0.00	20.91 1.02 0.00	24.12 1.33 0.00	23.06 1.20 0.00	26.95 1.41 0.00	26.23 1.42 0.00	24.01 1.23 0.00	22.84 1.15 0.00	21.90 1.02 0.00	21.30 0.93 0.00	20.49 0.88 0.00	22.50 1.05 0.00	25.65 1.29 0.00	25.69 1.62 0.00	27.45 1.98 0.00	23.00 1.61 0.00	26.47 1.47 0.00	27.94 1.27 0.00	23.96 1.04 0.00
ARTHUR_KILL_3 23513	20.18 0.63 0.00	18.77 0.59 0.00	17.51 0.51 0.00	16.27 0.49 0.00	18.32 0.56 0.00	21.64 0.78 0.00	20.88 0.99 0.00	24.14 1.35 0.00	23.10 1.24 0.00	27.02 1.48 0.00	26.31 1.50 0.00	24.09 1.30 0.00	22.89 1.21 0.00	21.96 1.08 0.00	21.35 0.98 0.00	20.55 0.94 0.00	22.56 1.12 0.00	25.70 1.35 0.00	25.75 1.68 0.00	27.48 2.01 0.00	23.02 1.62 0.00	26.49 1.49 0.00	27.88 1.21 0.00	23.88 0.95 0.00

ARTHUR_KILL_COGEN 323718	20.27 0.72 0.00	18.86 0.68 0.00	17.59 0.60 0.00	16.36 0.58 0.00	18.42 0.67 0.00	21.75 0.89 0.00	20.96 1.07 0.00	24.19 1.39 0.00	23.12 1.26 0.00	27.03 1.48 0.00	26.30 1.49 0.00	24.07 1.29 0.00	22.89 1.21 0.00	21.96 1.08 0.00	21.35 0.98 0.00	20.53 0.92 0.00	22.55 1.10 0.00	25.72 1.36 0.00	25.76 1.69 0.00	27.54 2.06 0.00	23.07 1.67 0.00	26.55 1.54 0.00	28.02 1.35 0.00	24.03 1.10 0.00
ASHOKAN____ 23654	20.34 0.79 0.00	18.90 0.72 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.49 0.73 0.00	21.84 0.99 0.00	21.01 1.13 0.00	24.24 1.45 0.00	23.03 1.17 0.00	26.60 1.06 0.00	25.64 0.83 0.00	23.42 0.64 0.00	22.23 0.54 0.00	21.36 0.48 0.00	20.90 0.53 0.00	20.14 0.53 0.00	22.17 0.72 0.00	25.47 1.11 0.00	25.59 1.52 0.00	27.28 1.81 0.00	22.88 1.48 0.00	26.49 1.49 0.00	27.87 1.20 0.00	23.89 0.97 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.18 0.64 0.01	18.83 0.64 0.00	17.55 0.55 0.00	16.30 0.52 0.00	18.35 0.59 0.00	21.64 0.79 0.01	20.90 1.01 0.00	24.16 1.38 0.00	23.15 1.29 0.00	27.05 1.51 0.01	26.35 1.53 0.01	24.14 1.36 0.01	22.96 1.29 0.01	22.02 1.15 0.01	21.40 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.41 0.01	25.77 1.71 0.00	27.52 2.05 0.00	23.07 1.67 0.00	26.53 1.53 0.00	27.88 1.21 0.00	23.89 0.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.18 0.64 0.01	18.83 0.64 0.00	17.55 0.55 0.00	16.30 0.52 0.00	18.35 0.59 0.00	21.64 0.79 0.01	20.90 1.01 0.00	24.16 1.38 0.00	23.15 1.29 0.00	27.05 1.51 0.01	26.35 1.53 0.01	24.14 1.36 0.01	22.96 1.29 0.01	22.02 1.15 0.01	21.40 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.41 0.01	25.77 1.71 0.00	27.52 2.04 0.00	23.07 1.67 0.00	26.53 1.53 0.00	27.88 1.21 0.00	23.89 0.96 0.00
ASTORIA_GT2_1 24094	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.57 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.00	26.37 1.55 0.00	24.16 1.37 0.00	22.98 1.30 0.00	22.04 1.16 0.00	21.42 1.05 0.00	20.62 1.00 0.00	22.64 1.19 0.00	25.79 1.43 0.00	25.78 1.72 0.00	27.54 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.90 0.97 0.00
ASTORIA_GT2_2 24095	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.57 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.00	26.37 1.55 0.00	24.16 1.37 0.00	22.98 1.30 0.00	22.04 1.16 0.00	21.42 1.05 0.00	20.62 1.00 0.00	22.64 1.19 0.00	25.79 1.43 0.00	25.78 1.72 0.00	27.54 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.90 0.97 0.00
ASTORIA_GT2_3 24096	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.57 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.00	26.37 1.55 0.00	24.16 1.37 0.00	22.98 1.30 0.00	22.04 1.16 0.00	21.42 1.05 0.00	20.62 1.00 0.00	22.64 1.19 0.00	25.79 1.43 0.00	25.78 1.72 0.00	27.54 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.90 0.97 0.00
ASTORIA_GT2_4 24097	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.57 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.00</														

ASTORIA_GT4_4 24105	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.57 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.00	26.37 1.55 0.00	24.16 1.37 0.00	22.98 1.30 0.00	22.04 1.16 0.00	21.42 1.05 0.00	20.62 1.00 0.00	22.64 1.19 0.00	25.79 1.43 0.00	25.78 1.72 0.00	27.54 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.90 0.97 0.00
ASTORIA_GT_1 23523	20.22 0.68 0.01	18.86 0.68 0.00	17.58 0.58 0.00	16.33 0.54 0.00	18.38 0.63 0.00	21.69 0.84 0.01	20.95 1.07 0.00	24.22 1.43 0.00	23.21 1.35 0.00	27.11 1.57 0.01	26.41 1.60 0.01	24.20 1.42 0.01	23.02 1.35 0.01	22.07 1.20 0.01	21.46 1.09 0.01	20.65 1.05 0.01	22.68 1.24 0.01	25.83 1.48 0.01	25.84 1.77 0.00	27.59 2.12 0.00	23.12 1.73 0.00	26.60 1.60 0.00	27.95 1.28 0.00	23.95 1.02 0.00
ASTORIA_GT_10 24110	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.81 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.04 1.12 0.00
ASTORIA_GT_11 24225	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.81 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.04 1.12 0.00
ASTORIA_GT_12 24226	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.81 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.04 1.12 0.00
ASTORIA_GT_13 24227	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.81 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.04 1.12 0.00
ASTORIA_GT_5 24106	20.23 0.68 0.01	18.86 0.68 0.00	17.59 0.59 0.00	16.33 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.95 1.07 0.00	24.22 1.43 0.00	23.21 1.35 0.00	27.12 1.57 0.00	26.42 1.60 0.00	24.20 1.41 0.00	23.03 1.35 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.69 1.24 0.00	25.84 1.48 0.00	25.84 1.77 0.00	27.59 2.12 0.00	23.12 1.73 0.00	26.60 1.60 0.00	27.95 1.28 0.00	23.94 1.02 0.00
ASTORIA_GT_7 24107	20.23 0.68 0.01	18.86 0.68 0.00	17.59 0.59 0.00	16.33 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.95 1.07 0.00	24.22 1.43 0.00	23.21 1.35 0.00	27.12 1.57 0.00	26.42 1.60 0.00	24.20 1.41 0.00	23.03 1.35 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.69 1.24 0.00	25.84 1.48 0.00	25.84 1.77 0.00	27.59 2.12 0.00	23.12 1.73 0.00	26.60 1.60 0.00	27.95 1.28 0.00	23.94 1.02 0.00
ASTORIA_GT_8 24108	20.23 0.68 0.01	18.86 0.68 0.00	17.59 0.59 0.00	16.33 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.95 1.07 0.00	24.22 1.43 0.00	23.21 1.35 0.00	27.12 1.57 0.00	26.42 1.60 0.00	24.20 1.41 0.00	23.03 1.35 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.69 1.24 0.00	25.84 1.48 0.00	25.84 1.77 0.00	27.59 2.12 0.00	23.12 1.73 0.00	26.60 1.60 0.00	27.95 1.28 0.00	23.94 1.02 0.00
ASTORIA___2 24149	20.19 0.65 0.01	18.83 0.65 0.00	17.56 0.56 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.65 0.80 0.01	20.91 1.03 0.00	24.18 1.39 0.00	23.16 1.31 0.00	27.06 1.52 0.01	26.37 1.55 0.01	24.15 1.37 0.01	22.98 1.30 0.01	22.03 1.16 0.01	21.42 1.05 0.01	20.61 1.00 0.01	22.63 1.19 0.01	25.77 1.43 0.01	25.78 1.72 0.00	27.53 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.89 1.23 0.00	23.90 0.97 0.00
ASTORIA___3 23516	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.90 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.38 0.00	24.04 1.12 0.00
ASTORIA___4 23517	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.81 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.13 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.04 1.12 0.00
ASTORIA___5 23518	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.90 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.38 0.00	24.04 1.12 0.00
AST_ENERGY_2_CC3 323677	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.61 0.00	16.36 0.58 0.00	18.43 0.68 0.00	21.77 0.91 0.00	21.00 1.12 0.00	24.27 1.48 0.00	23.23 1.38 0.00	27.18 1.63 0.00	26.47 1.65 0.00	24.24 1.45 0.00	23.04 1.35 0.00	22.10 1.22 0.00	21.49 1.11 0.00	20.67 1.06 0.00	22.70 1.25 0.00	25.85 1.50 0.00	25.90 1.83 0.00	27.63 2.16 0.00	23.15 1.76 0.00	26.64 1.64 0.00	28.04 1.37 0.00	24.01 1.09 0.00
AST_ENERGY_2_CC4 323678	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.61 0.00	16.36 0.58 0.00	18.43 0.68 0.00	21.77 0.91 0.00	21.00 1.12 0.00	24.27 1.48 0.00	23.23 1.38 0.00	27.18 1.63 0.00	26.47 1.65 0.00	24.24 1.45 0.00	23.04 1.35 0.00	22.10 1.22 0.00	21.49 1.11 0.00	20.67 1.06 0.00	22.70 1.25 0.00	25.85 1.50 0.00	25.90 1.83 0.00	27.63 2.16 0.00	23.15 1.76 0.00	26.64 1.64 0.00	28.04 1.37 0.00	24.01 1.09 0.00

ATHENS_STG_1 23668	19.86 0.31 0.00	18.46 0.28 0.00	17.25 0.25 0.00	16.01 0.23 0.00	18.02 0.27 0.00	21.23 0.37 0.00	20.37 0.49 0.00	23.46 0.67 0.00	22.41 0.55 0.00	26.11 0.57 0.00	25.38 0.56 0.00	23.29 0.50 0.00	22.16 0.48 0.00	21.29 0.41 0.00	20.75 0.37 0.00	19.96 0.35 0.00	21.89 0.44 0.00	24.90 0.54 0.00	24.84 0.77 0.00	26.41 0.94 0.00	22.18 0.78 0.00	25.68 0.68 0.00	27.13 0.46 0.00	23.29 0.36 0.00
ATHENS_STG_2 23670	19.86 0.31 0.00	18.46 0.28 0.00	17.25 0.25 0.00	16.01 0.23 0.00	18.02 0.27 0.00	21.23 0.37 0.00	20.37 0.49 0.00	23.46 0.67 0.00	22.41 0.55 0.00	26.11 0.57 0.00	25.38 0.56 0.00	23.29 0.50 0.00	22.16 0.48 0.00	21.29 0.41 0.00	20.75 0.37 0.00	19.96 0.35 0.00	21.89 0.44 0.00	24.90 0.54 0.00	24.84 0.77 0.00	26.41 0.94 0.00	22.18 0.78 0.00	25.68 0.68 0.00	27.13 0.46 0.00	23.29 0.36 0.00
ATHENS_STG_3 23677	19.86 0.31 0.00	18.46 0.28 0.00	17.25 0.25 0.00	16.01 0.23 0.00	18.02 0.27 0.00	21.23 0.37 0.00	20.37 0.49 0.00	23.46 0.67 0.00	22.41 0.55 0.00	26.11 0.57 0.00	25.38 0.56 0.00	23.29 0.50 0.00	22.16 0.48 0.00	21.29 0.41 0.00	20.75 0.37 0.00	19.96 0.35 0.00	21.89 0.44 0.00	24.90 0.54 0.00	24.84 0.77 0.00	26.41 0.94 0.00	22.18 0.78 0.00	25.68 0.68 0.00	27.13 0.46 0.00	23.29 0.36 0.00
AUBURN___LFGE 323710	19.73 0.18 0.00	18.40 0.22 0.00	17.23 0.24 0.00	15.97 0.18 0.00	17.98 0.23 0.00	21.14 0.28 0.00	20.14 0.25 0.00	23.05 0.26 0.00	22.06 0.20 0.00	25.71 0.17 0.00	24.92 0.10 0.00	22.96 0.18 0.00	21.83 0.15 0.00	21.09 0.21 0.00	20.50 0.12 0.00	19.77 0.15 0.00	21.64 0.19 0.00	24.53 0.17 0.00	24.36 0.29 0.00	25.79 0.32 0.00	21.63 0.23 0.00	25.02 0.01 0.00	26.79 0.12 0.00	23.02 0.09 0.00
BABYLON_RES_REC 323704	20.61 1.06 0.00	19.17 0.99 0.00	17.86 0.87 0.00	16.58 0.80 0.00	18.67 0.91 0.00	22.05 1.19 0.00	21.25 1.36 0.00	24.45 1.66 0.00	23.29 1.43 0.00	27.27 1.73 0.00	26.69 1.79 -0.08	24.27 1.48 0.00	24.15 1.46 -1.00	22.55 1.25 -0.42	22.16 1.13 -0.66	23.71 1.12 -2.97	24.05 1.40 -1.21	27.89 1.72 -1.82	32.17 2.21 -5.90	29.80 2.41 -1.92	25.68 1.99 -2.30	27.71 2.03 -0.67	29.18 1.81 -0.70	24.83 1.47 -0.43
BABYLON__69_KV_BK2 356345	20.80 1.25 0.00	19.35 1.17 0.00	18.04 1.04 0.00	16.73 0.95 0.00	18.84 1.08 0.00	22.24 1.39 0.00	21.44 1.55 0.00	24.63 1.84 0.00	23.46 1.60 0.00	27.51 1.96 0.00	26.90 2.01 -0.07	24.45 1.66 0.00	24.24 1.64 -0.91	22.68 1.42 -0.38	22.26 1.30 -0.60	23.57 1.27 -2.69	24.10 1.56 -1.09	27.92 1.91 -1.65	31.88 2.45 -5.36	29.90 2.68 -1.75	25.70 2.21 -2.09	27.92 2.30 -0.62	29.38 2.08 -0.63	25.02 1.70 -0.39
BALL_HILL_WT_PWR 323825	19.29 -0.25 0.00	17.94 -0.24 0.00	16.89 -0.10 0.00	15.59 -0.20 0.00	17.54 -0.22 0.00	20.49 -0.37 0.00	18.95 -0.94 0.00	21.67 -1.12 0.00	20.77 -1.09 0.00	24.70 -0.84 0.00	23.87 -0.95 0.00	21.84 -0.94 0.00	20.76 -0.92 0.00	20.16 -0.72 0.00	19.72 -0.65 0.00	18.86 -0.74 0.01	20.32 -1.13 0.00	23.21 -1.15 0.00	22.82 -1.25 0.00	23.49 -1.80 0.17	19.86 -1.54 0.00	23.02 -1.98 0.00	24.23 -1.70 0.73	21.20 -1.25 0.47
BARON_WINDS___WT_PWR 323822	19.43 -0.12 0.00	18.13 -0.05 0.00	17.00 0.00 0.00	15.67 -0.11 0.00	17.57 -0.19 0.00	20.56 -0.29 0.00	19.65 -0.24 0.00	22.55 -0.24 0.00	21.33 -0.53 0.00	24.85 -0.70 0.00	23.99 -0.83 0.00	22.13 -0.66 0.00	21.12 -0.56 0.00	20.43 -0.45 0.00	19.99 -0.39 0.00	19.04 -0.59 -0.01	20.87 -0.58 0.00	23.75 -0.60 0.00	23.68 -0.38 0.00	25.22 -0.47 -0.22	21.03 -0.37 0.00	24.04 -0.96 0.00	26.59 -0.97 -0.89	22.56 -0.94 -0.58
BARRETT_IC_1 23704	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_10 23701	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	38.98 1.50 -13.12	56.68 1.94 -30.68	37.52 2.15 -9.90	35.02 1.79 -11.84	31.08 1.80 -4.28	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_11 23702	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	38.98 1.50 -13.12	56.68 1.94 -30.68	37.52 2.15 -9.90	35.02 1.79 -11.84	31.08 1.80 -4.28	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_12 23703	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	38.98 1.50 -13.12	56.68 1.94 -30.68	37.52 2.15 -9.90	35.02 1.79 -11.84	31.08 1.80 -4.28	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_2 23705	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_3 23706	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_4 23707	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98

BARRETT_IC_5 23708	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_6 23709	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_7 23710	20.51 0.97 0.00	19.07 0.89 0.00	17.78 0.79 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.92 1.07 0.00	21.10 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.47 -0.01	33.85 1.36 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.58 1.04 -31.93	35.66 1.24 -12.98	46.58 1.51 -20.71	95.55 1.95 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.16 1.80 -8.35	36.18 1.51 -8.00	29.16 1.25 -4.98
BARRETT_IC_8 23711	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT_IC_9 23700	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	38.98 1.50 -13.12	56.68 1.94 -30.68	37.52 2.15 -9.90	35.02 1.79 -11.84	31.08 1.80 -4.28	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT___1 23545	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	46.57 1.50 -20.71	95.53 1.94 -69.53	50.29 2.15 -22.67	50.30 1.79 -27.12	35.15 1.80 -8.35	36.17 1.50 -8.00	29.16 1.25 -4.98
BARRETT___2 23546	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.51 0.72 0.00	18.58 0.83 0.00	21.93 1.07 0.00	21.11 1.22 0.00	24.27 1.48 0.00	23.14 1.28 0.00	27.15 1.61 0.00	27.40 1.72 -0.86	24.27 1.48 -0.01	33.84 1.35 -10.80	26.58 1.22 -4.48	28.55 1.08 -7.10	52.57 1.03 -31.93	35.66 1.23 -12.98	38.98 1.50 -13.12	56.68 1.94 -30.68	37.52 2.15 -9.90	35.02 1.79 -11.84	31.08 1.80 -4.28	36.17 1.50 -8.00	29.16 1.25 -4.98
BATAVIA__115KV_TB1 55881	19.47 -0.08 0.00	18.15 -0.04 0.00	17.07 0.08 0.00	15.79 0.01 0.00	17.79 0.04 0.00	20.78 -0.07 0.00	19.25 -0.63 0.00	22.02 -0.77 0.00	21.17 -0.69 0.00	25.14 -0.40 0.00	24.25 -0.56 0.00	22.21 -0.58 0.00	21.04 -0.64 0.00	20.51 -0.37 0.00	20.05 -0.33 0.00	19.21 -0.40 0.00	20.74 -0.71 0.00	23.65 -0.71 0.00	23.34 -0.73 0.00	24.36 -1.12 0.00	20.40 -0.99 0.00	23.59 -1.41 0.00	25.49 -1.18 0.00	22.14 -0.78 0.00
BAYONEEC___CTG1 323682	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG10 323750	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG2 323683	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG3 323684	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG4 323685	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG5 323686	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG6 323687	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00

BAYONEEC___CTG7 323688	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG8 323689	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BAYONEEC___CTG9 323749	20.28 0.73 0.00	18.86 0.68 0.00	17.59 0.59 0.00	16.35 0.56 0.00	18.41 0.65 0.00	21.74 0.89 0.00	20.98 1.09 0.00	24.25 1.46 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.01 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.65 1.04 0.00	22.67 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.99 1.07 0.00
BEACON___LESR 323632	20.12 0.57 0.00	18.68 0.50 0.00	17.45 0.45 0.00	16.21 0.43 0.00	18.26 0.50 0.00	21.57 0.71 0.00	20.68 0.79 0.00	23.84 1.05 0.00	22.67 0.81 0.00	26.37 0.82 0.00	25.62 0.80 0.00	23.49 0.70 0.00	22.36 0.68 0.00	21.48 0.60 0.00	20.94 0.57 0.00	20.16 0.55 0.00	22.16 0.71 0.00	25.22 0.87 0.00	25.17 1.10 0.00	26.70 1.22 0.00	22.47 1.07 0.00	26.05 1.05 0.00	27.46 0.79 0.00	23.56 0.63 0.00
BEAVER RIVER___HYD 24048	19.07 -0.48 0.00	17.52 -0.66 0.00	16.26 -0.74 0.00	15.21 -0.58 0.00	17.19 -0.57 0.00	20.04 -0.81 0.00	19.01 -0.87 0.00	21.83 -0.96 0.00	20.94 -0.92 0.00	24.71 -1.02 -0.19	23.88 -0.93 0.00	21.89 -0.90 0.00	20.70 -0.99 0.00	19.88 -1.00 0.00	19.52 -0.85 0.00	18.83 -0.78 0.00	20.71 -0.74 0.00	23.62 -0.73 0.00	23.31 -0.76 0.00	24.63 -0.85 0.00	20.71 -0.69 0.00	24.36 -0.65 0.00	26.31 -0.36 0.00	22.57 -0.36 0.00
BEEBEE_GT_13 23619	19.34 -0.21 0.00	18.01 -0.17 0.00	16.91 -0.09 0.00	15.67 -0.11 0.00	17.64 -0.12 0.00	20.63 -0.23 0.00	19.32 -0.56 0.00	22.10 -0.69 0.00	21.23 -0.63 0.00	25.09 -0.45 0.00	24.31 -0.51 0.00	22.31 -0.47 0.00	21.21 -0.48 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.24 -0.37 0.00	20.88 -0.57 0.00	23.72 -0.63 0.00	23.43 -0.64 0.00	24.57 -0.91 0.00	20.60 -0.80 0.00	23.84 -1.16 0.00	25.68 -0.99 0.00	22.20 -0.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.46 0.91 0.00	19.02 0.84 0.00	17.74 0.75 0.00	16.48 0.69 0.00	18.56 0.80 0.00	21.92 1.07 0.00	21.16 1.27 0.00	24.45 1.66 0.00	23.40 1.54 0.00	27.36 1.82 0.00	26.64 1.82 0.00	24.38 1.59 0.00	23.18 1.50 0.00	22.24 1.36 0.00	21.64 1.26 0.00	20.81 1.20 0.00	22.85 1.40 0.00	26.05 1.69 0.00	26.07 2.01 0.00	27.84 2.36 0.00	23.31 1.92 0.00	26.83 1.83 0.00	28.26 1.59 0.00	24.20 1.28 0.00
BETHLEHEM___GRP 23843	19.95 0.40 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.47 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.59 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.14 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.58 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
BETHLEHEM___GS1 323560	19.95 0.40 0.00	18.55 0.37 0.00	17.32 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.15 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.59 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
BETHLEHEM___GS2 323561	19.95 0.40 0.00	18.55 0.37 0.00	17.32 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.15 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.59 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
BETHLEHEM___GS3 323562	19.95 0.40 0.00	18.55 0.37 0.00	17.32 0.33 0.00	16.09 0.31 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.11 0.56 0.00	25.35 0.53 0.00	23.27 0.48 0.00	22.15 0.46 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.59 0.00	24.84 0.78 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.73 0.72 0.00	27.16 0.49 0.00	23.33 0.40 0.00
BETHLEHEM___STEEL 23779	19.33 -0.22 0.00	18.02 -0.16 0.00	16.95 -0.05 0.00	15.64 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.57 -1.22 0.00	20.74 -1.11 0.00	24.73 -0.81 0.00	23.94 -0.88 0.00	21.95 -0.83 0.00	20.87 -0.81 0.00	20.25 -0.63 0.00	19.78 -0.59 0.00	18.92 -0.69 0.00	20.37 -1.08 0.00	23.18 -1.18 0.00	22.86 -1.21 0.00	23.76 -1.71 0.00	19.91 -1.49 0.00	23.07 -1.93 0.00	25.01 -1.67 0.00	21.76 -1.17 0.00
BETHLHEM_115KV_TB1 79974	19.93 0.38 0.00	18.53 0.35 0.00	17.31 0.31 0.00	16.08 0.29 0.00	18.10 0.34 0.00	21.31 0.45 0.00	20.46 0.58 0.00	23.55 0.76 0.00	22.46 0.60 0.00	26.11 0.57 0.00	25.35 0.53 0.00	23.27 0.49 0.00	22.16 0.47 0.00	21.31 0.43 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.95 0.50 0.00	24.95 0.60 0.00	24.86 0.79 0.00	26.41 0.93 0.00	22.19 0.79 0.00	25.74 0.73 0.00	27.17 0.50 0.00	23.35 0.42 0.00
BETHPAGE_CC_5 323564	20.56 1.02 0.00	19.13 0.95 0.00	17.83 0.83 0.00	16.55 0.77 0.00	18.63 0.87 0.00	22.01 1.15 0.00	21.22 1.33 0.00	24.42 1.63 0.00	23.28 1.42 0.00	27.28 1.74 0.00	26.73 1.80 -0.11	24.31 1.52 0.00	24.51 1.49 -1.34	22.73 1.29 -0.56	22.43 1.17 -0.88	24.72 1.14 -3.97	24.47 1.40 -1.61	28.46 1.70 -2.41	34.02 2.18 -7.78	30.38 2.38 -2.53	26.39 1.96 -3.03	27.87 1.98 -0.89	29.35 1.75 -0.93	24.92 1.42 -0.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.43 -0.11 0.00	18.11 -0.07 0.00	17.03 0.03 0.00	15.71 -0.07 0.00	17.69 -0.07 0.00	20.61 -0.24 0.00	19.00 -0.88 0.00	21.70 -1.09 0.00	20.87 -0.98 0.00	24.89 -0.66 0.00	24.10 -0.71 0.00	22.11 -0.67 0.00	21.02 -0.66 0.00	20.39 -0.49 0.00	19.91 -0.46 0.00	19.05 -0.56 0.00	20.51 -0.93 0.00	23.34 -1.02 0.00	23.01 -1.05 0.00	23.94 -1.53 0.00	20.07 -1.33 0.00	23.23 -1.77 0.00	25.17 -1.50 0.00	21.90 -1.03 0.00

BINGHAMTON___COGEN 23790	19.63 0.08 0.00	18.25 0.06 0.00	17.08 0.09 0.00	15.82 0.04 0.00	17.81 0.06 0.00	20.95 0.09 0.00	19.93 0.05 0.00	22.91 0.11 0.00	21.89 0.03 0.00	25.59 0.05 0.00	24.84 0.02 0.00	22.86 0.07 0.00	21.75 0.07 0.00	20.98 0.10 0.00	20.45 0.07 0.00	19.63 0.02 0.00	21.46 0.01 0.00	24.35 0.00 0.00	24.20 0.13 0.00	25.61 0.14 0.00	21.51 0.11 0.00	24.85 -0.16 0.00	26.59 -0.08 0.00	22.81 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	19.62 0.07 0.00	18.39 0.21 0.00	17.21 0.22 0.00	15.85 0.07 0.00	17.81 0.06 0.00	20.77 -0.09 0.00	19.24 -0.65 0.00	21.87 -0.92 0.00	21.01 -0.85 0.00	24.96 -0.58 0.00	24.42 -0.39 0.00	22.37 -0.41 0.00	21.30 -0.39 0.00	20.66 -0.22 0.00	20.20 -0.17 0.00	19.26 -0.35 0.00	20.74 -0.71 0.00	23.50 -0.85 0.00	23.23 -0.83 0.00	24.38 -1.09 0.00	20.49 -0.91 0.00	23.62 -1.38 0.00	25.46 -1.21 0.00	22.11 -0.81 0.00
BLACK RIVER___HYD 24047	19.02 -0.53 0.00	17.44 -0.75 0.00	16.23 -0.76 0.00	15.16 -0.63 0.00	17.13 -0.63 0.00	19.98 -0.87 0.00	18.98 -0.90 0.00	21.80 -0.99 0.00	20.88 -0.98 0.00	24.58 -1.09 -0.13	23.80 -1.02 0.00	21.79 -1.00 0.00	20.58 -1.10 0.00	19.77 -1.11 0.00	19.41 -0.96 0.00	18.79 -0.82 0.00	20.67 -0.78 0.00	23.54 -0.81 0.00	23.29 -0.78 0.00	24.62 -0.85 0.00	20.70 -0.70 0.00	24.30 -0.71 0.00	26.34 -0.33 0.00	22.58 -0.34 0.00
BLACKRVR_115KV_TB2 79977	19.02 -0.53 0.00	17.43 -0.75 0.00	16.23 -0.76 0.00	15.16 -0.63 0.00	17.13 -0.63 0.00	19.98 -0.87 0.00	18.98 -0.90 0.00	21.80 -0.99 0.00	20.88 -0.98 0.00	24.58 -1.09 -0.13	23.80 -1.02 0.00	21.79 -1.00 0.00	20.58 -1.10 0.00	19.77 -1.11 0.00	19.41 -0.96 0.00	18.79 -0.82 0.00	20.67 -0.78 0.00	23.54 -0.81 0.00	23.28 -0.78 0.00	24.62 -0.85 0.00	20.70 -0.70 0.00	24.30 -0.71 0.00	26.34 -0.33 0.00	22.58 -0.34 0.00
BLISS_WT_PWR 323608	19.55 0.01 0.00	18.37 0.18 0.00	17.18 0.18 0.00	15.80 0.01 0.00	17.74 -0.01 0.00	20.68 -0.17 0.00	19.17 -0.72 0.00	21.75 -1.04 0.00	20.89 -0.97 0.00	24.77 -0.77 0.00	24.28 -0.54 0.00	22.23 -0.55 0.00	21.17 -0.52 0.00	20.54 -0.34 0.00	20.10 -0.27 0.00	19.15 -0.45 0.01	20.62 -0.83 0.00	23.36 -0.99 0.00	23.10 -0.96 0.00	24.07 -1.20 0.20	20.43 -0.97 0.00	23.54 -1.47 0.00	24.51 -1.32 0.84	21.45 -0.93 0.55
BLUESTONE___WT_PWR 323821	20.51 0.96 0.00	18.81 0.63 0.00	17.79 0.79 0.00	16.18 0.39 0.00	18.41 0.65 0.00	21.74 0.88 0.00	20.44 0.56 0.00	23.61 0.82 0.00	22.45 0.59 0.00	26.02 0.48 0.00	25.30 0.48 0.00	23.27 0.48 0.00	22.44 0.75 0.00	21.58 0.70 0.00	20.96 0.59 0.00	20.09 0.48 0.00	22.07 0.62 0.00	25.17 0.82 0.00	25.19 1.13 0.00	26.83 1.33 -0.03	22.48 1.08 0.00	25.77 0.77 0.00	27.40 0.61 -0.12	23.69 0.68 -0.08
BLUE_CIRC_CHEM_DRP 24182	19.99 0.44 0.00	18.59 0.41 0.00	17.38 0.38 0.00	16.14 0.36 0.00	18.17 0.41 0.00	21.38 0.52 0.00	20.45 0.56 0.00	23.50 0.71 0.00	22.38 0.52 0.00	26.02 0.48 0.00	25.25 0.43 0.00	23.19 0.40 0.00	22.07 0.39 0.00	21.25 0.37 0.00	20.71 0.34 0.00	19.95 0.34 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.81 0.74 0.00	26.33 0.86 0.00	22.12 0.72 0.00	25.69 0.68 0.00	27.16 0.50 0.00	23.35 0.42 0.00
BOC_GAS_DRP 24189	19.83 0.28 0.00	18.44 0.26 0.00	17.23 0.23 0.00	16.00 0.21 0.00	18.01 0.25 0.00	21.19 0.33 0.00	20.29 0.40 0.00	23.33 0.54 0.00	22.28 0.43 0.00	25.95 0.41 0.00	25.21 0.39 0.00	23.13 0.35 0.00	22.02 0.33 0.00	21.18 0.30 0.00	20.64 0.27 0.00	19.87 0.25 0.00	21.78 0.33 0.00	24.76 0.41 0.00	24.65 0.58 0.00	26.18 0.71 0.00	21.99 0.60 0.00	25.53 0.52 0.00	27.01 0.34 0.00	23.20 0.28 0.00
BOONVILLE_115KV_TB1 79983	19.67 0.13 0.00	18.19 0.01 0.00	16.93 -0.07 0.00	15.79 0.01 0.00	17.81 0.06 0.00	20.86 0.01 0.00	19.89 0.00 0.00	22.86 0.07 0.00	21.93 0.07 0.00	25.73 0.11 -0.07	24.98 0.16 0.00	22.93 0.14 0.00	21.75 0.07 0.00	20.92 0.04 0.00	20.45 0.08 0.00	19.67 0.06 0.00	21.58 0.13 0.00	24.60 0.25 0.00	24.34 0.27 0.00	25.75 0.28 0.00	21.63 0.23 0.00	25.26 0.25 0.00	27.04 0.37 0.00	23.18 0.26 0.00
BORALEX_4TH_BRANCH 23824	19.89 0.34 0.00	18.50 0.32 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.21 0.35 0.00	20.32 0.43 0.00	23.36 0.57 0.00	22.19 0.33 0.00	25.67 0.13 0.00	24.88 0.07 0.00	22.84 0.06 0.00	21.71 0.03 0.00	20.83 -0.05 0.00	20.29 -0.08 0.00	19.56 -0.05 0.00	21.51 0.06 0.00	24.38 0.03 0.00	24.37 0.31 0.00	25.91 0.44 0.00	21.83 0.43 0.00	25.44 0.43 0.00	26.74 0.06 0.00	22.99 0.06 0.00
BOWLINE___1 23526	20.16 0.61 0.00	18.74 0.56 0.00	17.49 0.49 0.00	16.24 0.46 0.00	18.30 0.55 0.00	21.60 0.75 0.00	20.81 0.92 0.00	24.03 1.24 0.00	22.97 1.11 0.00	26.85 1.30 0.00	26.13 1.31 0.00	23.93 1.14 0.00	22.75 1.06 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.83 0.00	22.44 0.99 0.00	25.56 1.21 0.00	25.58 1.51 0.00	27.26 1.79 0.00	22.87 1.47 0.00	26.36 1.36 0.00	27.81 1.14 0.00	23.83 0.91 0.00
BOWLINE___2 23595	20.16 0.61 0.00	18.74 0.56 0.00	17.49 0.49 0.00	16.24 0.46 0.00	18.30 0.55 0.00	21.61 0.75 0.00	20.81 0.92 0.00	24.03 1.24 0.00	22.97 1.11 0.00	26.85 1.30 0.00	26.13 1.31 0.00	23.93 1.14 0.00	22.75 1.06 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 0.99 0.00	25.56 1.21 0.00	25.58 1.51 0.00	27.26 1.79 0.00	22.87 1.47 0.00	26.36 1.36 0.00	27.81 1.14 0.00	23.84 0.91 0.00
BRADY___115KV_TB2 356060	19.53 -0.01 0.00	18.14 -0.04 0.00	16.92 -0.08 0.00	15.72 -0.07 0.00	17.70 -0.05 0.00	20.80 -0.05 0.00	19.74 -0.15 0.00	22.53 -0.26 0.00	21.65 -0.21 0.00	25.63 -0.13 -0.22	24.69 -0.13 0.00	22.65 -0.14 0.00	21.54 -0.15 0.00	20.72 -0.16 0.00	20.33 -0.04 0.00	19.60 -0.01 0.00	21.40 -0.05 0.00	24.27 -0.08 0.00	23.73 -0.34 0.00	25.05 -0.42 0.00	21.04 -0.36 0.00	24.92 -0.08 0.00	26.73 0.06 0.00	23.00 0.08 0.00
BRANSCOMB___SOLAR 323811	20.05 0.50 0.00	18.63 0.45 0.00	17.39 0.39 0.00	16.16 0.38 0.00	18.21 0.45 0.00	21.47 0.62 0.00	20.63 0.75 0.00	23.75 0.96 0.00	22.60 0.74 0.00	26.13 0.58 0.00	25.41 0.59 0.00	23.35 0.56 0.00	22.19 0.50 0.00	21.30 0.42 0.00	20.74 0.37 0.00	20.01 0.40 0.00	22.03 0.58 0.00	25.12 0.77 0.00	25.06 1.00 0.00	26.61 1.14 0.00	22.37 0.97 0.00	25.92 0.91 0.00	27.28 0.62 0.00	23.41 0.48 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.75 1.21 0.00	19.31 1.13 0.00	18.00 1.00 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.18 1.32 0.00	21.36 1.47 0.00	24.52 1.73 0.00	23.35 1.49 0.00	27.40 1.85 0.00	26.81 1.94 -0.04	24.38 1.59 0.00	23.85 1.59 -0.57	22.48 1.37 -0.24	21.97 1.22 -0.37	22.49 1.20 -1.68	23.61 1.48 -0.68	27.19 1.79 -1.04	29.83 2.33 -3.43	29.11 2.52 -1.12	24.82 2.08 -1.34	27.56 2.17 -0.39	29.03 1.96 -0.40	24.79 1.62 -0.24



BRISTLHL_115KV_TB1 79998	19.27 -0.28 0.00	17.93 -0.25 0.00	16.80 -0.19 0.00	15.60 -0.18 0.00	17.53 -0.23 0.00	20.56 -0.30 0.00	19.60 -0.29 0.00	22.40 -0.39 0.00	21.47 -0.39 0.00	25.13 -0.42 0.00	24.40 -0.42 0.00	22.40 -0.39 0.00	21.30 -0.38 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.30 -0.31 0.00	21.08 -0.37 0.00	23.93 -0.42 0.00	23.70 -0.36 0.00	25.07 -0.40 0.00	21.04 -0.36 0.00	24.47 -0.54 0.00	26.25 -0.42 0.00	22.55 -0.37 0.00
BROOKHAVEN___DRP 24191	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.02 0.00	16.71 0.93 0.00	18.82 1.06 0.00	22.19 1.33 0.00	21.30 1.41 0.00	24.28 1.49 0.00	23.07 1.21 0.00	27.21 1.66 0.00	26.62 1.76 -0.04	24.05 1.26 0.00	23.51 1.35 -0.48	22.10 1.02 -0.20	21.55 0.86 -0.32	21.92 0.88 -1.42	23.20 1.17 -0.58	26.67 1.42 -0.89	29.18 2.19 -2.93	28.70 2.27 -0.96	24.41 1.86 -1.14	27.35 2.01 -0.33	28.76 1.75 -0.33	24.63 1.49 -0.21
BROOKLYN_NAVY_YARD 23515	20.28 0.73 0.00	18.86 0.68 0.00	17.60 0.60 0.00	16.36 0.57 0.00	18.43 0.67 0.00	21.75 0.89 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.23 1.38 0.00	27.18 1.63 0.00	26.44 1.62 0.00	24.22 1.44 0.00	23.03 1.35 0.00	22.09 1.21 0.00	21.48 1.11 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.85 1.49 0.00	25.89 1.83 0.00	27.65 2.18 0.00	23.16 1.76 0.00	26.65 1.64 0.00	28.03 1.36 0.00	24.00 1.08 0.00
BROOKLYN___ARMY_DRP 323595	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
BROOKVLE_69_KV_TB1 55790	20.65 1.11 0.00	19.20 1.02 0.00	17.90 0.90 0.00	16.62 0.83 0.00	18.72 0.96 0.00	22.10 1.25 0.00	21.32 1.44 0.00	24.56 1.77 0.00	23.43 1.57 0.00	27.49 1.95 0.00	27.02 2.01 -0.19	24.53 1.74 0.00	25.73 1.70 -2.35	23.37 1.52 -0.97	23.30 1.38 -1.54	27.88 1.33 -6.94	25.86 1.59 -2.82	30.48 1.91 -4.22	40.07 2.35 -13.65	32.50 2.58 -4.45	28.85 2.12 -5.32	28.59 2.10 -1.48	30.08 1.87 -1.54	25.39 1.51 -0.96
BROOME_2_LFGE 323671	19.63 0.08 0.00	18.25 0.06 0.00	17.08 0.09 0.00	15.82 0.04 0.00	17.82 0.06 0.00	20.95 0.09 0.00	19.93 0.04 0.00	22.91 0.11 0.00	21.89 0.03 0.00	25.59 0.05 0.00	24.84 0.02 0.00	22.86 0.07 0.00	21.75 0.07 0.00	20.98 0.10 0.00	20.45 0.07 0.00	19.63 0.02 0.00	21.46 0.01 0.00	24.36 0.00 0.00	24.19 0.13 0.00	25.67 0.14 -0.05	21.51 0.11 0.00	24.85 -0.16 0.00	26.80 -0.08 -0.21	22.95 -0.11 -0.14
BROOME___LFGE 323600	19.63 0.08 0.00	18.25 0.06 0.00	17.08 0.09 0.00	15.82 0.04 0.00	17.82 0.06 0.00	20.95 0.09 0.00	19.93 0.04 0.00	22.91 0.11 0.00	21.89 0.03 0.00	25.59 0.05 0.00	24.84 0.02 0.00	22.86 0.07 0.00	21.75 0.07 0.00	20.98 0.10 0.00	20.45 0.07 0.00	19.63 0.02 0.00	21.46 0.01 0.00	24.36 0.00 0.00	24.19 0.13 0.00	25.67 0.14 -0.05	21.51 0.11 0.00	24.85 -0.16 0.00	26.80 -0.08 -0.21	22.95 -0.11 -0.14
BROWNFLS_115KV_TB_3_5 80003	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.66 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00
BROWNSV1_27_KV_LOAD 356125	20.47 0.92 0.00	19.03 0.85 0.00	17.75 0.75 0.00	16.49 0.71 0.00	18.57 0.81 0.00	21.93 1.08 0.00	21.18 1.29 0.00	24.49 1.70 0.00	23.45 1.59 0.00	27.43 1.89 0.00	26.71 1.90 0.00	24.47 1.68 0.00	23.26 1.57 0.00	22.31 1.43 0.00	21.70 1.32 0.00	20.87 1.26 0.00	22.91 1.46 0.00	26.10 1.74 0.00	26.14 2.08 0.00	27.90 2.43 0.00	23.38 1.98 0.00	26.90 1.90 0.00	28.31 1.64 0.00	24.23 1.30 0.00
BURROWS___LYONSDAL 23803	19.52 -0.02 0.00	18.01 -0.17 0.00	16.74 -0.25 0.00	15.64 -0.15 0.00	17.65 -0.11 0.00	20.64 -0.22 0.00	19.64 -0.25 0.00	22.57 -0.22 0.00	21.66 -0.20 0.00	25.43 -0.20 -0.09	24.68 -0.14 0.00	22.64 -0.15 0.00	21.46 -0.23 0.00	20.62 -0.26 0.00	20.19 -0.18 0.00	19.43 -0.18 0.00	21.33 -0.12 0.00	24.34 -0.02 0.00	24.06 0.00 0.00	25.45 -0.02 0.00	21.39 -0.01 0.00	25.03 0.03 0.00	26.87 0.19 0.00	23.03 0.10 0.00
CAITHNESS_CC_1 323624	20.70 1.15 0.00	19.28 1.10 0.00	17.95 0.96 0.00	16.66 0.88 0.00	18.76 1.00 0.00	22.12 1.26 0.00	21.24 1.36 0.00	24.26 1.47 0.00	23.07 1.21 0.00	27.17 1.63 0.00	26.59 1.73 -0.04	24.07 1.28 0.00	23.51 1.35 -0.48	22.13 1.05 -0.20	21.58 0.90 -0.31	21.94 0.91 -1.42	23.21 1.19 -0.58	26.68 1.43 -0.89	29.13 2.15 -2.92	28.67 2.25 -0.95	24.38 1.85 -1.14	27.31 1.97 -0.33	28.73 1.73 -0.33	24.59 1.46 -0.20
CALPINE BETH_PAGE_GT4 24209	20.52 0.98 0.00	19.09 0.90 0.00	17.80 0.80 0.00	16.52 0.73 0.00	18.59 0.84 0.00	21.96 1.11 0.00	21.18 1.29 0.00	24.38 1.59 0.00	23.24 1.38 0.00	27.23 1.69 0.00	26.71 1.75 -0.14	24.27 1.48 0.00	24.85 1.45 -1.72	22.86 1.26 -0.71	22.64 1.13 -1.13	25.80 1.11 -5.08	24.88 1.36 -2.07	29.08 1.66 -3.06	36.06 2.13 -9.86	31.02 2.33 -3.21	27.16 1.92 -3.84	28.07 1.93 -1.13	29.55 1.69 -1.19	25.04 1.37 -0.74
CALPINE_BETH_PAGE_GT_4 323586	20.52 0.97 0.00	19.09 0.90 0.00	17.79 0.80 0.00	16.52 0.74 0.00	18.59 0.84 0.00	21.96 1.11 0.00	21.18 1.29 0.00	24.38 1.59 0.00	23.24 1.38 0.00	27.23 1.69 0.00	26.71 1.75 -0.14	24.27 1.48 0.00	24.86 1.45 -1.72	22.86 1.27 -0.71	22.64 1.13 -1.13	25.80 1.10 -5.08	24.88 1.36 -2.07	29.08 1.66 -3.06	36.06 2.13 -9.86	31.02 2.33 -3.21	27.16 1.92 -3.84	28.07 1.93 -1.13	29.55 1.69 -1.19	25.04 1.37 -0.74
CALPINE_BP_GT1 23823	20.52 0.97 0.00	19.09 0.90 0.00	17.79 0.80 0.00	16.52 0.74 0.00	18.59 0.84 0.00	21.96 1.11 0.00	21.18 1.29 0.00	24.38 1.59 0.00	23.24 1.38 0.00	27.23 1.69 0.00	26.71 1.75 -0.14	24.27 1.48 0.00	24.86 1.45 -1.72	22.86 1.27 -0.71	22.64 1.13 -1.13	25.80 1.10 -5.08	24.88 1.36 -2.07	29.08 1.66 -3.06	36.06 2.13 -9.86	31.02 2.33 -3.21	27.16 1.92 -3.84	28.07 1.93 -1.13	29.55 1.69 -1.19	25.04 1.37 -0.74
CALSPAN___DRP 24200	19.33 -0.22 0.00	18.02 -0.16 0.00	16.95 -0.05 0.00	15.64 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.57 -1.22 0.00	20.74 -1.11 0.00	24.73 -0.81 0.00	23.94 -0.88 0.00	21.95 -0.83 0.00	20.87 -0.81 0.00	20.25 -0.63 0.00	19.78 -0.59 0.00	18.92 -0.69 0.00	20.37 -1.08 0.00	23.18 -1.18 0.00	22.86 -1.21 0.00	23.76 -1.71 0.00	19.91 -1.49 0.00	23.07 -1.93 0.00	25.01 -1.67 0.00	21.76 -1.17 0.00

CALVERTON___SOLAR 323806	20.83 1.28 0.00	19.40 1.22 0.00	18.07 1.07 0.00	16.76 0.98 0.00	18.88 1.12 0.00	22.27 1.41 0.00	21.37 1.49 0.00	24.32 1.53 0.00	23.09 1.23 0.00	27.25 1.71 0.00	26.66 1.80 -0.04	24.05 1.26 0.00	23.53 1.37 -0.48	22.10 1.01 -0.20	21.53 0.84 -0.32	21.91 0.87 -1.42	23.20 1.17 -0.58	26.67 1.43 -0.89	29.26 2.26 -2.94	28.75 2.32 -0.96	24.45 1.90 -1.15	27.42 2.08 -0.33	28.81 1.81 -0.33	24.69 1.55 -0.21
CANDIGU_WT_PWR 323617	19.43 -0.12 0.00	18.13 -0.05 0.00	17.00 0.00 0.00	15.67 -0.11 0.00	17.57 -0.19 0.00	20.56 -0.29 0.00	19.65 -0.24 0.00	22.55 -0.24 0.00	21.33 -0.53 0.00	24.85 -0.70 0.00	23.99 -0.83 0.00	22.13 -0.66 0.00	21.12 -0.56 0.00	20.43 -0.45 0.00	19.99 -0.39 0.00	19.04 -0.59 -0.01	20.87 -0.58 0.00	23.75 -0.60 0.00	23.68 -0.38 0.00	25.22 -0.47 -0.22	21.03 -0.37 0.00	24.04 -0.96 0.00	26.59 -0.97 -0.89	22.56 -0.94 -0.58
CARR STREET_E_SYR 24060	19.44 -0.11 0.00	18.09 -0.09 0.00	16.95 -0.05 0.00	15.74 -0.04 0.00	17.68 -0.07 0.00	20.75 -0.11 0.00	19.76 -0.13 0.00	22.58 -0.21 0.00	21.65 -0.21 0.00	25.33 -0.21 0.00	24.60 -0.22 0.00	22.58 -0.21 0.00	21.47 -0.21 0.00	20.73 -0.15 0.00	20.23 -0.14 0.00	19.46 -0.16 0.00	21.23 -0.22 0.00	24.04 -0.31 0.00	23.74 -0.32 0.00	25.10 -0.37 0.00	21.08 -0.32 0.00	24.58 -0.43 0.00	26.42 -0.25 0.00	22.69 -0.23 0.00
CARTHAGE___PAPER 23857	19.17 -0.38 0.00	17.59 -0.59 0.00	16.35 -0.65 0.00	15.28 -0.50 0.00	17.27 -0.48 0.00	20.16 -0.69 0.00	19.14 -0.74 0.00	21.98 -0.82 0.00	21.06 -0.80 0.00	24.82 -0.87 -0.15	24.01 -0.81 0.00	22.01 -0.78 0.00	20.78 -0.90 0.00	19.96 -0.92 0.00	19.60 -0.77 0.00	18.96 -0.65 0.00	20.85 -0.60 0.00	23.76 -0.59 0.00	23.46 -0.60 0.00	24.79 -0.68 0.00	20.84 -0.56 0.00	24.50 -0.50 0.00	26.50 -0.17 0.00	22.72 -0.20 0.00
CASSADAGA_WT_PWR 323784	19.56 0.01 0.00	18.09 -0.09 0.00	17.19 0.19 0.00	15.90 0.12 0.00	17.81 0.05 0.00	20.92 0.06 0.00	19.46 -0.42 0.00	22.19 -0.60 0.00	21.18 -0.68 0.00	25.01 -0.53 0.00	24.24 -0.58 0.00	22.08 -0.71 0.00	20.97 -0.72 0.00	20.40 -0.48 0.00	20.01 -0.36 0.00	19.17 -0.43 0.01	20.69 -0.76 0.00	23.70 -0.66 0.00	23.20 -0.87 0.00	23.73 -1.56 0.18	20.14 -1.26 0.00	23.34 -1.67 0.00	24.53 -1.37 0.77	21.36 -1.07 0.50
CE_DUNWOOD___DRP 24194	20.23 0.68 0.00	18.81 0.63 0.00	17.56 0.56 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.67 0.82 0.00	20.89 1.01 0.00	24.14 1.35 0.00	23.08 1.22 0.00	26.97 1.43 0.00	26.26 1.44 0.00	24.05 1.26 0.00	22.87 1.19 0.00	21.94 1.06 0.00	21.34 0.97 0.00	20.54 0.93 0.00	22.55 1.10 0.00	25.68 1.33 0.00	25.71 1.65 0.00	27.41 1.93 0.00	22.98 1.58 0.00	26.49 1.48 0.00	27.90 1.23 0.00	23.90 0.98 0.00
CE_MILLWOOD___DRP 24193	20.20 0.65 0.00	18.79 0.61 0.00	17.53 0.54 0.00	16.28 0.49 0.00	18.34 0.58 0.00	21.64 0.79 0.00	20.86 0.97 0.00	24.10 1.30 0.00	23.04 1.18 0.00	26.91 1.37 0.00	26.20 1.38 0.00	24.00 1.21 0.00	22.82 1.14 0.00	21.89 1.01 0.00	21.30 0.93 0.00	20.50 0.89 0.00	22.51 1.06 0.00	25.63 1.28 0.00	25.66 1.59 0.00	27.34 1.87 0.00	22.93 1.54 0.00	26.44 1.43 0.00	27.86 1.19 0.00	23.87 0.94 0.00
CE_NYC2_DRP 24202	20.35 0.80 0.00	18.93 0.75 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.71 0.00	21.81 0.95 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.51 1.69 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.71 1.10 0.00	22.74 1.29 0.00	25.90 1.54 0.00	25.92 1.86 0.00	27.65 2.18 0.00	23.16 1.77 0.00	26.67 1.67 0.00	28.07 1.40 0.00	24.04 1.12 0.00
CE_NYC_DRP 24195	20.30 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	21.01 1.12 0.00	24.28 1.49 0.00	23.24 1.39 0.00	27.19 1.64 0.00	26.48 1.66 0.00	24.25 1.46 0.00	23.05 1.37 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.69 1.08 0.00	22.71 1.26 0.00	25.87 1.51 0.00	25.91 1.84 0.00	27.64 2.17 0.00	23.16 1.76 0.00	26.65 1.65 0.00	28.04 1.37 0.00	24.01 1.09 0.00
CHAFFEE___LFGE 323603	19.40 -0.14 0.00	18.08 -0.10 0.00	17.00 0.01 0.00	15.70 -0.09 0.00	17.67 -0.09 0.00	20.58 -0.27 0.00	18.98 -0.91 0.00	21.69 -1.10 0.00	20.86 -0.99 0.00	24.90 -0.65 0.00	24.11 -0.71 0.00	22.11 -0.68 0.00	21.00 -0.68 0.00	20.37 -0.51 0.00	19.89 -0.49 0.00	19.02 -0.58 0.01	20.50 -0.95 0.00	23.32 -1.03 0.00	22.99 -1.07 0.00	23.74 -1.54 0.19	20.06 -1.34 0.00	23.23 -1.78 0.00	24.39 -1.48 0.79	21.38 -1.03 0.51
CHATEAUG_35_KV_LOAD 355732	18.98 -0.57 0.00	17.64 -0.54 0.00	16.29 -0.71 0.00	15.13 -0.65 0.00	17.14 -0.62 0.00	20.24 -0.62 0.00	19.20 -0.68 0.00	21.99 -0.79 0.00	21.07 -0.79 0.00	21.15 -0.98 3.41	23.92 -0.90 0.00	22.09 -0.69 0.00	21.13 -0.55 0.00	20.35 -0.53 0.00	20.00 -0.37 0.00	19.41 -0.21 0.00	21.25 -0.20 0.00	23.99 -0.37 0.00	23.38 -0.69 0.00	24.34 -1.13 0.00	20.57 -0.83 0.00	24.34 -0.66 0.00	26.21 -0.46 0.00	22.58 -0.35 0.00
CHATEAUG_WT_PWR 323614	18.91 -0.63 0.00	17.56 -0.62 0.00	16.20 -0.80 0.00	15.04 -0.74 0.00	17.05 -0.71 0.00	20.15 -0.70 0.00	19.12 -0.77 0.00	21.92 -0.87 0.00	20.97 -0.89 0.00	21.26 -1.11 3.17	23.82 -1.00 0.00	21.99 -0.80 0.00	21.04 -0.64 0.00	20.26 -0.62 0.00	19.92 -0.45 0.00	19.35 -0.26 0.00	21.19 -0.26 0.00	23.92 -0.43 0.00	23.28 -0.79 0.00	24.21 -1.26 0.00	20.47 -0.93 0.00	24.22 -0.78 0.00	26.09 -0.59 0.00	22.48 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	18.98 -0.57 0.00	17.64 -0.54 0.00	16.29 -0.71 0.00	15.13 -0.65 0.00	17.14 -0.62 0.00	20.24 -0.62 0.00	19.20 -0.68 0.00	21.99 -0.79 0.00	21.07 -0.79 0.00	21.15 -0.98 3.41	23.92 -0.90 0.00	22.09 -0.69 0.00	21.13 -0.55 0.00	20.35 -0.53 0.00	20.00 -0.37 0.00	19.41 -0.21 0.00	21.25 -0.20 0.00	23.99 -0.37 0.00	23.38 -0.69 0.00	24.34 -1.13 0.00	20.57 -0.83 0.00	24.34 -0.66 0.00	26.21 -0.46 0.00	22.58 -0.35 0.00
CHAUTAUQUA___LFGE 323629	19.38 -0.17 0.00	18.00 -0.18 0.00	16.99 -0.01 0.00	15.67 -0.11 0.00	17.62 -0.14 0.00	20.62 -0.23 0.00	19.10 -0.79 0.00	21.85 -0.94 0.00	20.92 -0.94 0.00	24.82 -0.72 0.00	23.99 -0.83 0.00	21.90 -0.89 0.00	20.80 -0.88 0.00	20.23 -0.65 0.00	19.80 -0.57 0.00	18.96 -0.65 0.01	20.44 -1.01 0.00	23.36 -0.99 0.00	22.94 -1.13 0.00	23.56 -1.73 0.18	19.95 -1.44 0.00	23.14 -1.87 0.00	24.35 -1.57 0.75	21.25 -1.19 0.49
CHERRYST_13_KV_LD 356241	20.35 0.80 0.00	18.92 0.74 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.82 0.96 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.32 1.46 0.00	27.27 1.73 0.00	26.57 1.75 0.00	24.33 1.55 0.00	23.13 1.44 0.00	22.19 1.31 0.00	21.57 1.20 0.00	20.75 1.14 0.00	22.78 1.33 0.00	25.95 1.59 0.00	25.98 1.92 0.00	27.72 2.25 0.00	23.22 1.82 0.00	26.71 1.71 0.00	28.11 1.44 0.00	24.06 1.14 0.00

CHESTROR_138KV_BK263 355645	20.05 0.50 0.00	18.64 0.46 0.00	17.40 0.40 0.00	16.15 0.37 0.00	18.20 0.44 0.00	21.47 0.61 0.00	20.65 0.77 0.00	23.88 1.09 0.00	22.82 0.97 0.00	26.65 1.11 0.00	25.93 1.11 0.00	23.76 0.97 0.00	22.59 0.90 0.00	21.67 0.79 0.00	21.10 0.73 0.00	20.32 0.70 0.00	22.29 0.84 0.00	25.39 1.03 0.00	25.39 1.33 0.00	27.05 1.58 0.00	22.70 1.30 0.00	26.19 1.18 0.00	27.65 0.98 0.00	23.70 0.78 0.00
CH_MIDHUDSON___DRP 24192	20.12 0.57 0.00	18.72 0.53 0.00	17.47 0.47 0.00	16.21 0.43 0.00	18.25 0.50 0.00	21.53 0.67 0.00	20.74 0.85 0.00	23.92 1.13 0.00	22.84 0.98 0.00	26.60 1.05 0.00	25.89 1.07 0.00	23.72 0.93 0.00	22.56 0.88 0.00	21.66 0.78 0.00	21.08 0.71 0.00	20.30 0.69 0.00	22.28 0.83 0.00	25.37 1.01 0.00	25.38 1.32 0.00	27.05 1.58 0.00	22.71 1.31 0.00	26.21 1.20 0.00	27.60 0.93 0.00	23.66 0.73 0.00
CH_MISC_IPPS 23765	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.52 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.81 1.27 0.00	26.10 1.28 0.00	23.91 1.12 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00
CH_RES_BVR_FALLS 23983	19.34 -0.21 0.00	17.89 -0.29 0.00	16.66 -0.34 0.00	15.52 -0.26 0.00	17.47 -0.28 0.00	20.39 -0.47 0.00	19.26 -0.62 0.00	21.97 -0.82 0.00	21.18 -0.67 0.00	24.83 -0.71 0.00	24.14 -0.68 0.00	22.18 -0.61 0.00	21.09 -0.59 0.00	20.29 -0.59 0.00	19.90 -0.48 0.00	19.19 -0.42 0.00	21.00 -0.44 0.00	23.82 -0.53 0.00	23.43 -0.64 0.00	24.75 -0.73 0.00	20.78 -0.61 0.00	24.57 -0.43 0.00	26.34 -0.33 0.00	22.74 -0.19 0.00
CH_RES_NIAGARA 23895	18.79 -0.76 0.00	17.56 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.64 0.00	20.70 -2.09 0.00	19.94 -1.91 0.00	23.83 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.18 -1.42 0.01	19.57 -1.88 0.00	22.25 -2.10 0.00	21.91 -2.15 0.00	22.59 -2.71 0.16	19.08 -2.32 0.00	22.12 -2.88 0.00	23.38 -2.62 0.67	20.57 -1.91 0.43
CH_RES_SYRACUSE 23985	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.94 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.04 0.00	22.87 -0.06 0.00
CLINTON_WT_PWR 323605	18.91 -0.63 0.00	17.56 -0.62 0.00	16.20 -0.80 0.00	15.04 -0.74 0.00	17.05 -0.71 0.00	20.15 -0.70 0.00	19.12 -0.77 0.00	21.92 -0.87 0.00	20.97 -0.89 0.00	21.26 -1.11 3.17	23.82 -1.00 0.00	21.99 -0.80 0.00	21.04 -0.64 0.00	20.26 -0.62 0.00	19.92 -0.45 0.00	19.35 -0.26 0.00	21.19 -0.26 0.00	23.92 -0.43 0.00	23.28 -0.79 0.00	24.21 -1.26 0.00	20.47 -0.93 0.00	24.22 -0.78 0.00	26.09 -0.59 0.00	22.48 -0.44 0.00
CLINTON___LFGE 323618	19.18 -0.37 0.00	17.81 -0.37 0.00	16.44 -0.56 0.00	15.28 -0.50 0.00	17.31 -0.44 0.00	20.49 -0.37 0.00	19.46 -0.42 0.00	22.36 -0.44 0.00	21.38 -0.48 0.00	21.63 -0.68 3.23	24.26 -0.56 0.00	22.40 -0.39 0.00	21.43 -0.26 0.00	20.61 -0.27 0.00	20.26 -0.11 0.00	19.69 0.08 0.00	21.57 0.12 0.00	24.36 0.01 0.00	23.73 -0.34 0.00	24.66 -0.81 0.00	20.86 -0.53 0.00	24.62 -0.39 0.00	26.50 -0.18 0.00	22.82 -0.11 0.00
COBBLENY_34_KV_TB1 80064	19.40 -0.14 0.00	18.08 -0.10 0.00	17.00 0.00 0.00	15.69 -0.09 0.00	17.67 -0.09 0.00	20.59 -0.27 0.00	18.98 -0.91 0.00	21.68 -1.11 0.00	20.86 -0.99 0.00	24.90 -0.65 0.00	24.11 -0.71 0.00	22.10 -0.68 0.00	21.00 -0.68 0.00	20.37 -0.50 0.00	19.89 -0.49 0.00	19.03 -0.58 0.00	20.50 -0.95 0.00	23.32 -1.03 0.00	23.00 -1.07 0.00	23.93 -1.54 0.00	20.06 -1.34 0.00	23.23 -1.78 0.00	25.17 -1.50 0.00	21.89 -1.03 0.00
COFFEEN___115KV_TB3 355620	19.11 -0.43 0.00	17.53 -0.65 0.00	16.32 -0.67 0.00	15.25 -0.54 0.00	17.22 -0.53 0.00	20.12 -0.74 0.00	19.14 -0.75 0.00	21.99 -0.80 0.00	21.04 -0.81 0.00	24.76 -0.90 -0.13	23.98 -0.84 0.00	21.95 -0.84 0.00	20.73 -0.96 0.00	19.89 -0.99 0.00	19.52 -0.85 0.00	18.94 -0.68 0.00	20.83 -0.62 0.00	23.75 -0.61 0.00	23.50 -0.56 0.00	24.85 -0.62 0.00	20.88 -0.51 0.00	24.48 -0.52 0.00	26.51 -0.17 0.00	22.71 -0.22 0.00
COLDSPRG_115KV_BK1 355956	20.10 0.55 0.00	18.68 0.50 0.00	17.60 0.61 0.00	16.27 0.48 0.00	18.29 0.53 0.00	21.41 0.56 0.00	19.89 0.01 0.00	22.84 0.05 0.00	21.87 0.02 0.00	26.04 0.50 0.00	25.41 0.59 0.00	23.30 0.51 0.00	22.13 0.45 0.00	21.45 0.57 0.00	20.95 0.58 0.00	20.03 0.42 0.00	21.59 0.14 0.00	24.55 0.20 0.00	24.13 0.06 0.00	25.15 -0.32 0.00	21.10 -0.30 0.00	24.32 -0.69 0.00	26.32 -0.35 0.00	22.79 -0.13 0.00
COLONIE_LFGE___ 323577	19.89 0.34 0.00	18.49 0.31 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.26 0.40 0.00	20.39 0.50 0.00	23.45 0.66 0.00	22.34 0.48 0.00	25.92 0.38 0.00	25.16 0.34 0.00	23.11 0.32 0.00	21.99 0.30 0.00	21.12 0.24 0.00	20.58 0.20 0.00	19.83 0.22 0.00	21.77 0.33 0.00	24.76 0.41 0.00	24.69 0.63 0.00	26.23 0.76 0.00	22.06 0.66 0.00	25.60 0.60 0.00	26.99 0.32 0.00	23.19 0.27 0.00
COOPERNY_115KV_TB1 80082	19.91 0.37 0.00	18.52 0.34 0.00	17.30 0.30 0.00	16.06 0.27 0.00	18.09 0.33 0.00	21.31 0.46 0.00	20.45 0.57 0.00	23.58 0.79 0.00	22.60 0.74 0.00	26.52 0.97 0.00	25.79 0.97 0.00	23.61 0.82 0.00	22.47 0.78 0.00	21.58 0.70 0.00	21.01 0.64 0.00	20.25 0.63 0.00	22.21 0.76 0.00	25.29 0.93 0.00	25.24 1.18 0.00	26.87 1.40 0.00	22.55 1.15 0.00	26.05 1.05 0.00	27.55 0.88 0.00	23.63 0.71 0.00
COPENHAGEN_WT_PWR 323753	18.90 -0.65 0.00	17.29 -0.89 0.00	16.11 -0.89 0.00	15.03 -0.75 0.00	16.99 -0.77 0.00	19.79 -1.07 0.00	18.78 -1.11 0.00	21.55 -1.24 0.00	20.64 -1.22 0.00	24.31 -1.35 -0.12	23.54 -1.28 0.00	21.56 -1.23 0.00	20.37 -1.32 0.00	19.57 -1.31 0.00	19.21 -1.16 0.00	18.59 -1.02 0.00	20.45 -1.00 0.00	23.26 -1.09 0.00	23.02 -1.05 0.00	24.34 -1.14 0.00	20.47 -0.93 0.00	24.07 -0.93 0.00	26.20 -0.47 0.00	22.48 -0.45 0.00
CORNELL_____ 23752	19.91 0.37 0.00	18.51 0.33 0.00	17.34 0.34 0.00	16.07 0.29 0.00	18.09 0.34 0.00	21.27 0.42 0.00	20.29 0.40 0.00	23.28 0.49 0.00	22.27 0.41 0.00	26.02 0.48 0.00	25.24 0.42 0.00	23.22 0.43 0.00	22.10 0.41 0.00	21.32 0.44 0.00	20.72 0.35 0.00	19.90 0.28 0.00	21.82 0.37 0.00	24.80 0.44 0.00	24.66 0.60 0.00	26.13 0.66 0.00	21.92 0.52 0.00	25.35 0.34 0.00	27.09 0.42 0.00	23.23 0.30 0.00

CORONA_V_69_KV_TB1 355595	20.62 1.08 0.00	19.18 0.99 0.00	17.88 0.88 0.00	16.59 0.80 0.00	18.68 0.93 0.00	22.05 1.20 0.00	21.25 1.37 0.00	24.47 1.68 0.00	23.35 1.49 0.00	27.36 1.82 0.00	27.26 1.89 -0.56	24.42 1.63 -0.01	30.20 1.56 -6.96	25.16 1.39 -2.89	26.20 1.26 -4.57	41.41 1.22 -20.58	31.27 1.45 -8.37	39.46 1.76 -13.35	71.07 2.19 -44.82	42.46 2.38 -14.61	40.88 2.00 -17.48	32.32 2.01 -5.30	33.50 1.76 -5.07	27.52 1.44 -3.16
CORTLAND_115KV_TB3 80093	19.75 0.20 0.00	18.36 0.18 0.00	17.19 0.19 0.00	15.94 0.16 0.00	17.94 0.18 0.00	21.09 0.23 0.00	20.13 0.24 0.00	23.08 0.29 0.00	22.08 0.22 0.00	25.82 0.28 0.00	25.06 0.24 0.00	23.04 0.26 0.00	21.92 0.24 0.00	21.14 0.26 0.00	20.58 0.20 0.00	19.78 0.16 0.00	21.64 0.19 0.00	24.58 0.23 0.00	24.42 0.35 0.00	25.85 0.38 0.00	21.70 0.30 0.00	25.14 0.13 0.00	26.88 0.21 0.00	23.05 0.12 0.00
COXSACKIE___GT 23611	20.82 1.27 0.00	19.34 1.16 0.00	18.08 1.09 0.00	16.80 1.02 0.00	18.92 1.17 0.00	22.34 1.49 0.00	21.46 1.57 0.00	24.76 1.97 0.00	23.45 1.59 0.00	27.10 1.56 0.00	25.90 1.09 0.00	23.64 0.86 0.00	22.47 0.78 0.00	21.67 0.79 0.00	21.23 0.85 0.00	20.41 0.80 0.00	22.70 1.25 0.00	26.16 1.80 0.00	26.18 2.12 0.00	27.81 2.34 0.00	23.27 1.87 0.00	26.97 1.97 0.00	28.40 1.73 0.00	24.37 1.44 0.00
CPV_VALLEY___CC1 323721	19.92 0.38 0.00	18.53 0.35 0.00	17.29 0.30 0.00	16.06 0.27 0.00	18.09 0.33 0.00	21.33 0.47 0.00	20.50 0.61 0.00	23.65 0.86 0.00	22.61 0.75 0.00	26.39 0.85 0.00	25.68 0.86 0.00	23.54 0.75 0.00	22.39 0.71 0.00	21.50 0.61 0.00	20.93 0.56 0.00	20.15 0.54 0.00	22.10 0.65 0.00	25.15 0.79 0.00	25.13 1.06 0.00	26.76 1.28 0.00	22.45 1.05 0.00	25.93 0.93 0.00	27.39 0.72 0.00	23.49 0.57 0.00
CPV_VALLEY___CC2 323722	19.92 0.38 0.00	18.53 0.35 0.00	17.29 0.30 0.00	16.06 0.27 0.00	18.09 0.33 0.00	21.33 0.47 0.00	20.50 0.61 0.00	23.65 0.86 0.00	22.61 0.75 0.00	26.39 0.85 0.00	25.68 0.86 0.00	23.54 0.75 0.00	22.39 0.71 0.00	21.50 0.61 0.00	20.93 0.56 0.00	20.15 0.54 0.00	22.10 0.65 0.00	25.15 0.79 0.00	25.13 1.06 0.00	26.76 1.28 0.00	22.45 1.05 0.00	25.93 0.93 0.00	27.39 0.72 0.00	23.49 0.57 0.00
CRESCENT___HYD 24018	19.89 0.34 0.00	18.49 0.31 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.26 0.40 0.00	20.39 0.50 0.00	23.45 0.66 0.00	22.34 0.48 0.00	25.92 0.38 0.00	25.16 0.34 0.00	23.11 0.32 0.00	21.99 0.30 0.00	21.12 0.24 0.00	20.58 0.20 0.00	19.83 0.22 0.00	21.77 0.33 0.00	24.76 0.41 0.00	24.69 0.63 0.00	26.23 0.76 0.00	22.06 0.66 0.00	25.60 0.60 0.00	26.99 0.32 0.00	23.19 0.27 0.00
CRICKET___VALLEY_CC1 323756	19.88 0.34 0.00	18.50 0.32 0.00	17.27 0.27 0.00	16.01 0.23 0.00	18.02 0.26 0.00	21.25 0.39 0.00	20.48 0.59 0.00	23.59 0.79 0.00	22.49 0.64 0.00	26.13 0.59 0.00	25.45 0.63 0.00	23.33 0.55 0.00	22.23 0.54 0.00	21.34 0.46 0.00	20.79 0.42 0.00	20.00 0.39 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.96 0.89 0.00	26.60 1.13 0.00	22.37 0.97 0.00	25.80 0.79 0.00	27.11 0.44 0.00	23.25 0.32 0.00
CRICKET___VALLEY_CC2 323757	19.88 0.34 0.00	18.50 0.32 0.00	17.27 0.27 0.00	16.01 0.23 0.00	18.02 0.26 0.00	21.25 0.39 0.00	20.48 0.59 0.00	23.59 0.79 0.00	22.49 0.64 0.00	26.13 0.59 0.00	25.45 0.63 0.00	23.33 0.55 0.00	22.23 0.54 0.00	21.34 0.46 0.00	20.79 0.42 0.00	20.00 0.39 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.96 0.89 0.00	26.60 1.13 0.00	22.37 0.97 0.00	25.80 0.79 0.00	27.11 0.44 0.00	23.25 0.32 0.00
CRICKET___VALLEY_CC3 323758	19.88 0.34 0.00	18.50 0.32 0.00	17.27 0.27 0.00	16.01 0.23 0.00	18.02 0.26 0.00	21.25 0.39 0.00	20.48 0.59 0.00	23.59 0.79 0.00	22.49 0.64 0.00	26.13 0.59 0.00	25.45 0.63 0.00	23.33 0.55 0.00	22.23 0.54 0.00	21.34 0.46 0.00	20.79 0.42 0.00	20.00 0.39 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.96 0.89 0.00	26.60 1.13 0.00	22.37 0.97 0.00	25.80 0.79 0.00	27.11 0.44 0.00	23.25 0.32 0.00
CRUCIBLE_METL_DRP 24180	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00
DAHOWA___HYDRO 323763	20.07 0.52 0.00	18.65 0.46 0.00	17.40 0.40 0.00	16.17 0.39 0.00	18.22 0.46 0.00	21.51 0.65 0.00	20.69 0.80 0.00	23.81 1.02 0.00	22.66 0.81 0.00	26.16 0.61 0.00	25.44 0.62 0.00	23.38 0.60 0.00	22.22 0.54 0.00	21.32 0.44 0.00	20.75 0.38 0.00	20.04 0.43 0.00	22.07 0.62 0.00	25.20 0.84 0.00	25.15 1.08 0.00	26.69 1.22 0.00	22.44 1.04 0.00	25.99 0.98 0.00	27.32 0.65 0.00	23.44 0.51 0.00
DANC___LFGE 323619	19.04 -0.51 0.00	17.54 -0.64 0.00	16.38 -0.62 0.00	15.25 -0.53 0.00	17.20 -0.56 0.00	20.09 -0.77 0.00	19.09 -0.80 0.00	21.88 -0.91 0.00	20.96 -0.90 0.00	24.65 -0.98 -0.08	23.88 -0.94 0.00	21.89 -0.90 0.00	20.74 -0.95 0.00	19.96 -0.92 0.00	19.55 -0.83 0.00	18.87 -0.74 0.00	20.68 -0.77 0.00	23.52 -0.84 0.00	23.28 -0.79 0.00	24.62 -0.86 0.00	20.69 -0.71 0.00	24.23 -0.77 0.00	26.21 -0.46 0.00	22.50 -0.43 0.00
DANSKAMMER___1 23586	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.52 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.81 1.27 0.00	26.10 1.28 0.00	23.91 1.12 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00
DANSKAMMER___2 23589	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.52 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.81 1.27 0.00	26.10 1.28 0.00	23.91 1.12 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00
DANSKAMMER___3 23590	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.52 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.81 1.27 0.00	26.10 1.28 0.00	23.91 1.12 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00

DANSKAMMER___4 23591	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.52 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.81 1.27 0.00	26.10 1.28 0.00	23.91 1.12 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00
DANSKAMMER___DIESEL 23592	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.58 0.00	16.31 0.53 0.00	18.37 0.61 0.00	21.68 0.82 0.00	20.89 1.00 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.82 1.27 0.00	26.10 1.28 0.00	23.91 1.13 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.45 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.60 1.54 0.00	27.29 1.82 0.00	22.91 1.51 0.00	26.42 1.41 0.00	27.83 1.16 0.00	23.85 0.92 0.00
DARBY___SOLAR 323810	20.06 0.51 0.00	18.65 0.46 0.00	17.40 0.40 0.00	16.17 0.39 0.00	18.22 0.46 0.00	21.49 0.64 0.00	20.66 0.77 0.00	23.77 0.98 0.00	22.62 0.76 0.00	26.13 0.59 0.00	25.42 0.60 0.00	23.36 0.57 0.00	22.21 0.52 0.00	21.31 0.43 0.00	20.75 0.37 0.00	20.02 0.41 0.00	22.04 0.59 0.00	25.15 0.79 0.00	25.10 1.03 0.00	26.64 1.17 0.00	22.40 1.00 0.00	25.94 0.94 0.00	27.31 0.64 0.00	23.43 0.51 0.00
DASHVILLE___HYD 23610	20.01 0.46 0.00	18.61 0.43 0.00	17.37 0.37 0.00	16.12 0.33 0.00	18.15 0.39 0.00	21.42 0.56 0.00	20.64 0.76 0.00	23.83 1.04 0.00	22.75 0.90 0.00	26.54 0.99 0.00	25.84 1.02 0.00	23.64 0.85 0.00	22.49 0.81 0.00	21.58 0.70 0.00	21.01 0.64 0.00	20.23 0.62 0.00	22.18 0.73 0.00	25.27 0.91 0.00	25.33 1.26 0.00	27.02 1.54 0.00	22.67 1.28 0.00	26.15 1.15 0.00	27.55 0.88 0.00	23.60 0.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.10 1.55 0.00	19.64 1.46 0.00	18.30 1.31 0.00	16.98 1.19 0.00	19.13 1.37 0.00	22.57 1.72 0.00	21.68 1.79 0.00	24.65 1.86 0.00	23.39 1.54 0.00	27.62 2.08 0.00	27.01 2.16 -0.04	24.31 1.52 0.00	23.77 1.60 -0.48	22.31 1.23 -0.20	21.72 1.03 -0.32	22.11 1.07 -1.43	23.42 1.39 -0.58	26.96 1.71 -0.89	29.62 2.61 -2.94	29.14 2.71 -0.96	24.76 2.22 -1.15	27.80 2.46 -0.33	29.19 2.19 -0.34	25.00 1.87 -0.21
DELAWARE___LFGE 323621	20.00 0.45 0.00	18.58 0.40 0.00	17.38 0.39 0.00	16.11 0.33 0.00	18.16 0.40 0.00	21.38 0.52 0.00	20.43 0.54 0.00	23.50 0.70 0.00	22.47 0.62 0.00	26.20 0.66 0.00	25.46 0.64 0.00	23.37 0.59 0.00	22.26 0.57 0.00	21.42 0.54 0.00	20.87 0.50 0.00	20.06 0.45 0.00	21.96 0.51 0.00	25.00 0.65 0.00	24.86 0.79 0.00	26.36 0.89 0.00	22.13 0.73 0.00	25.62 0.62 0.00	27.24 0.57 0.00	23.38 0.46 0.00
DERFIELD_115KV_TB7 355931	19.55 0.00 0.00	18.18 0.00 0.00	16.99 0.00 0.00	15.78 0.00 0.00	17.75 0.00 0.00	20.86 0.00 0.00	19.93 0.04 0.00	22.90 0.11 0.00	21.94 0.08 0.00	25.60 0.06 0.00	24.87 0.06 0.00	22.83 0.05 0.00	21.73 0.04 0.00	20.90 0.02 0.00	20.39 0.02 0.00	19.63 0.02 0.00	21.49 0.04 0.00	24.43 0.07 0.00	24.22 0.15 0.00	25.67 0.19 0.00	21.57 0.17 0.00	25.12 0.12 0.00	26.72 0.05 0.00	22.95 0.02 0.00
DOGLEVILLE___HYD 23807	19.34 -0.21 0.00	17.96 -0.23 0.00	16.76 -0.23 0.00	15.51 -0.27 0.00	17.52 -0.24 0.00	20.71 -0.15 0.00	19.87 -0.02 0.00	22.98 0.19 0.00	21.80 -0.05 0.00	25.19 -0.36 0.00	24.47 -0.35 0.00	22.37 -0.42 0.00	21.34 -0.34 0.00	20.43 -0.45 0.00	19.91 -0.46 0.00	19.21 -0.40 0.00	21.18 -0.27 0.00	24.16 -0.20 0.00	24.36 0.29 0.00	25.89 0.42 0.00	21.69 0.29 0.00	25.05 0.04 0.00	26.24 -0.44 0.00	22.43 -0.50 0.00
DUNKIRK___115KV_TB_200 55889	19.37 -0.18 0.00	18.00 -0.19 0.00	16.96 -0.03 0.00	15.65 -0.13 0.00	17.61 -0.15 0.00	20.60 -0.25 0.00	19.08 -0.81 0.00	21.81 -0.98 0.00	20.89 -0.97 0.00	24.81 -0.74 0.00	23.98 -0.84 0.00	21.91 -0.88 0.00	20.81 -0.87 0.00	20.22 -0.66 0.00	19.79 -0.58 0.00	18.95 -0.66 0.00	20.43 -1.02 0.00	23.35 -1.01 0.00	22.93 -1.13 0.00	23.75 -1.73 0.00	19.95 -1.45 0.00	23.13 -1.88 0.00	25.08 -1.60 0.00	21.73 -1.20 0.00
DUNKIRK___1 23563	19.37 -0.18 0.00	18.00 -0.19 0.00	16.96 -0.03 0.00	15.65 -0.13 0.00	17.61 -0.15 0.00	20.60 -0.25 0.00	19.08 -0.81 0.00	21.81 -0.98 0.00	20.89 -0.97 0.00	24.81 -0.74 0.00	23.98 -0.84 0.00	21.91 -0.88 0.00	20.81 -0.87 0.00	20.22 -0.66 0.00	19.79 -0.58 0.00	18.95 -0.66 0.00	20.43 -1.02 0.00	23.35 -1.01 0.00	22.93 -1.13 0.00	23.75 -1.73 0.00	19.95 -1.45 0.00	23.13 -1.88 0.00	25.08 -1.60 0.00	21.73 -1.20 0.00
DUNKIRK___2 23564	19.37 -0.18 0.00	18.00 -0.19 0.00	16.96 -0.03 0.00	15.65 -0.13 0.00	17.61 -0.15 0.00	20.60 -0.25 0.00	19.08 -0.81 0.00	21.81 -0.98 0.00	20.89 -0.97 0.00	24.81 -0.74 0.00	23.98 -0.84 0.00	21.91 -0.88 0.00	20.81 -0.87 0.00	20.22 -0.66 0.00	19.79 -0.58 0.00	18.95 -0.66 0.00	20.43 -1.02 0.00	23.35 -1.01 0.00	22.93 -1.13 0.00	23.75 -1.73 0.00	19.95 -1.45 0.00	23.13 -1.88 0.00	25.08 -1.60 0.00	21.73 -1.20 0.00
DUNKIRK___3 23565	19.33 -0.22 0.00	17.97 -0.21 0.00	16.92 -0.08 0.00	15.61 -0.17 0.00	17.57 -0.18 0.00	20.55 -0.31 0.00	19.03 -0.86 0.00	21.77 -1.02 0.00	20.84 -1.02 0.00	24.77 -0.77 0.00	23.96 -0.86 0.00	21.91 -0.88 0.00	20.82 -0.87 0.00	20.22 -0.66 0.00	19.78 -0.59 0.00	18.94 -0.67 0.00	20.39 -1.06 0.00	23.28 -1.07 0.00	22.90 -1.16 0.00	23.75 -1.73 0.00	19.93 -1.47 0.00	23.10 -1.91 0.00	25.04 -1.63 0.00	21.74 -1.19 0.00
DUNKIRK___4 23566	19.37 -0.18 0.00	18.01 -0.17 0.00	16.97 -0.03 0.00	15.66 -0.12 0.00	17.62 -0.14 0.00	20.59 -0.27 0.00	19.03 -0.85 0.00	21.76 -1.03 0.00	20.87 -0.99 0.00	24.82 -0.73 0.00	24.01 -0.81 0.00	21.96 -0.83 0.00	20.87 -0.82 0.00	20.27 -0.61 0.00	19.82 -0.55 0.00	18.97 -0.64 0.00	20.42 -1.02 0.00	23.28 -1.07 0.00	22.90 -1.16 0.00	23.75 -1.73 0.00	19.93 -1.47 0.00	23.10 -1.91 0.00	25.04 -1.63 0.00	21.74 -1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.27 0.72 0.00	18.85 0.66 0.00	17.58 0.59 0.00	16.33 0.54 0.00	18.39 0.63 0.00	21.71 0.85 0.00	20.94 1.06 0.00	24.21 1.42 0.00	23.15 1.30 0.00	27.07 1.53 0.00	26.36 1.54 0.00	24.14 1.36 0.00	22.97 1.28 0.00	22.03 1.15 0.00	21.42 1.05 0.00	20.62 1.01 0.00	22.64 1.19 0.00	25.78 1.43 0.00	25.81 1.74 0.00	27.50 2.03 0.00	23.06 1.67 0.00	26.58 1.57 0.00	28.00 1.33 0.00	23.97 1.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.14 0.59 0.00	18.73 0.55 0.00	17.49 0.49 0.00	16.23 0.45 0.00	18.28 0.53 0.00	21.57 0.71 0.00	20.77 0.88 0.00	23.97 1.18 0.00	22.91 1.05 0.00	26.72 1.17 0.00	26.00 1.18 0.00	23.81 1.02 0.00	22.64 0.95 0.00	21.72 0.84 0.00	21.15 0.78 0.00	20.37 0.76 0.00	22.35 0.90 0.00	25.46 1.11 0.00	25.48 1.42 0.00	27.16 1.69 0.00	22.79 1.39 0.00	26.29 1.29 0.00	27.73 1.06 0.00	23.77 0.84 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.31 0.76 0.00	18.92 0.73 0.00	17.64 0.64 0.00	16.37 0.59 0.00	18.44 0.68 0.00	21.77 0.91 0.00	20.98 1.10 0.00	24.20 1.41 0.00	23.18 1.32 0.00	27.07 1.53 0.00	26.37 1.55 0.00	24.13 1.35 0.00	22.95 1.27 0.00	22.01 1.14 0.00	21.40 1.03 0.00	20.59 0.98 0.00	22.61 1.16 0.00	25.76 1.40 0.00	25.79 1.73 0.00	27.54 2.07 0.00	23.08 1.68 0.00	26.56 1.55 0.00	27.93 1.26 0.00	23.96 1.04 0.00
E179THST_13_KV_LOAD 356214	20.39 0.84 0.00	18.99 0.80 0.00	17.70 0.71 0.00	16.43 0.64 0.00	18.50 0.74 0.00	21.84 0.98 0.00	21.06 1.17 0.00	24.29 1.50 0.00	23.27 1.41 0.00	27.18 1.64 0.00	26.47 1.65 0.00	24.24 1.45 0.00	23.05 1.36 0.00	22.11 1.23 0.00	21.49 1.11 0.00	20.68 1.07 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.89 1.83 0.00	27.65 2.18 0.00	23.18 1.78 0.00	26.67 1.67 0.00	28.05 1.38 0.00	24.05 1.13 0.00
EAST HAMPTON___GT 23717	21.27 1.73 0.00	19.80 1.62 0.00	18.44 1.44 0.00	17.11 1.33 0.00	19.29 1.53 0.00	22.77 1.91 0.00	21.88 1.99 0.00	24.90 2.11 0.00	23.62 1.76 0.00	27.88 2.34 0.00	27.24 2.38 -0.04	24.50 1.72 0.00	23.93 1.77 -0.48	22.46 1.38 -0.20	21.88 1.19 -0.32	22.25 1.21 -1.43	23.60 1.57 -0.58	27.19 1.94 -0.89	29.88 2.87 -2.95	29.43 3.00 -0.96	25.00 2.46 -1.15	28.06 2.72 -0.33	29.47 2.46 -0.34	25.22 2.09 -0.21
EAST RIVER___6 23660	20.29 0.74 0.00	18.87 0.68 0.00	17.60 0.60 0.00	16.35 0.57 0.00	18.42 0.66 0.00	21.76 0.90 0.00	21.00 1.12 0.00	24.28 1.49 0.00	23.25 1.39 0.00	27.20 1.66 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.88 1.53 0.00	25.92 1.86 0.00	27.65 2.18 0.00	23.17 1.77 0.00	26.65 1.65 0.00	28.03 1.35 0.00	24.01 1.08 0.00
EAST RIVER___7 23524	20.29 0.74 0.00	18.87 0.68 0.00	17.60 0.60 0.00	16.35 0.57 0.00	18.42 0.66 0.00	21.76 0.90 0.00	21.00 1.12 0.00	24.28 1.49 0.00	23.25 1.39 0.00	27.20 1.66 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.88 1.53 0.00	25.92 1.86 0.00	27.65 2.18 0.00	23.17 1.77 0.00	26.65 1.65 0.00	28.03 1.35 0.00	24.01 1.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.23 0.68 0.00	18.81 0.63 0.00	17.56 0.56 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.67 0.82 0.00	20.89 1.01 0.00	24.14 1.35 0.00	23.08 1.22 0.00	26.97 1.43 0.00	26.26 1.44 0.00	24.05 1.26 0.00	22.87 1.19 0.00	21.94 1.06 0.00	21.34 0.97 0.00	20.54 0.93 0.00	22.55 1.10 0.00	25.68 1.33 0.00	25.71 1.65 0.00	27.41 1.93 0.00	22.98 1.58 0.00	26.49 1.48 0.00	27.90 1.23 0.00	23.90 0.98 0.00
EAST_HAMPTON___DIESEL 23722	21.27 1.73 0.00	19.80 1.62 0.00	18.44 1.44 0.00	17.11 1.33 0.00	19.29 1.53 0.00	22.77 1.91 0.00	21.88 1.99 0.00	24.90 2.11 0.00	23.63 1.77 0.00	27.89 2.34 0.00	27.24 2.39 -0.04	24.51 1.72 0.00	23.94 1.77 -0.48	22.47 1.39 -0.20	21.88 1.19 -0.32	22.25 1.21 -1.43	23.60 1.57 -0.58	27.19 1.94 -0.89	29.88 2.87 -2.95	29.43 3.00 -0.96	25.00 2.46 -1.15	28.06 2.72 -0.33	29.47 2.47 -0.34	25.22 2.09 -0.21
EAST_PULASKI___ESR 323781	19.22 -0.33 0.00	17.82 -0.36 0.00	16.67 -0.33 0.00	15.50 -0.29 0.00	17.44 -0.32 0.00	20.42 -0.43 0.00	19.43 -0.46 0.00	22.24 -0.55 0.00	21.31 -0.55 0.00	24.97 -0.57 0.00	24.26 -0.56 0.00	22.25 -0.54 0.00	21.13 -0.55 0.00	20.37 -0.51 0.00	19.91 -0.46 0.00	19.18 -0.43 0.00	20.96 -0.49 0.00	23.82 -0.54 0.00	23.59 -0.48 0.00	24.95 -0.53 0.00	20.96 -0.44 0.00	24.44 -0.56 0.00	26.29 -0.38 0.00	22.57 -0.35 0.00
EAST_RIVER___1 323558	20.30 0.76 0.00	18.88 0.70 0.00	17.61 0.61 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.91 0.00	21.01 1.12 0.00	24.28 1.49 0.00	23.25 1.39 0.00	27.18 1.64 0.00	26.47 1.65 0.00	24.25 1.46 0.00	23.05 1.37 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.69 1.07 0.00	22.71 1.26 0.00	25.87 1.51 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.76 0.00	26.65 1.65 0.00	28.04 1.37 0.00	24.01 1.09 0.00
EAST_RIVER___2 323559	20.29 0.74 0.00	18.87 0.68 0.00	17.60 0.60 0.00	16.35 0.57 0.00	18.42 0.66 0.00	21.76 0.90 0.00	21.00 1.12 0.00	24.28 1.49 0.00	23.25 1.39 0.00	27.20 1.66 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.88 1.53 0.00	25.92 1.86 0.00	27.65 2.18 0.00	23.17 1.77 0.00	26.65 1.65 0.00	28.03 1.35 0.00	24.01 1.08 0.00
EAST___DELAWARE_HYD 23607	20.49 0.94 0.00	19.04 0.86 0.00	17.73 0.74 0.00	16.46 0.67 0.00	18.54 0.79 0.00	21.89 1.04 0.00	21.08 1.20 0.00	24.37 1.57 0.00	23.28 1.43 0.00	27.16 1.61 0.00	26.52 1.71 0.00	24.17 1.38 0.00	22.97 1.28 0.00	22.03 1.15 0.00	21.51 1.13 0.00	20.73 1.11 0.00	22.81 1.36 0.00	26.09 1.74 0.00	26.07 2.01 0.00	27.87 2.40 0.00	23.39 1.99 0.00	26.89 1.88 0.00	28.39 1.71 0.00	24.26 1.33 0.00
EIGHT_POINT___WT_PWR 323820	19.52 -0.03 0.00	18.35 0.17 0.00	17.16 0.16 0.00	15.74 -0.04 0.00	17.73 -0.03 0.00	20.49 -0.37 0.00	19.72 -0.17 0.00	22.66 -0.13 0.00	21.30 -0.56 0.00	24.64 -0.90 0.00	23.79 -1.03 0.00	21.88 -0.91 0.00	20.97 -0.72 0.00	20.23 -0.65 0.00	19.88 -0.49 0.00	18.81 -0.81 -0.01	20.73 -0.72 0.00	23.69 -0.67 0.00	23.73 -0.33 0.00	25.14 -0.44 -0.11	21.11 -0.29 0.00	23.99 -1.01 0.00	26.14 -0.95 -0.42	22.33 -0.87 -0.27
ELBRIDGE_115KV_TB2 80188	19.48 -0.07 0.00	18.15 -0.04 0.00	16.99 0.00 0.00	15.77 -0.01 0.00	17.74 -0.03 0.00	20.82 -0.03 0.00	19.83 -0.05 0.00	22.68 -0.11 0.00	21.73 -0.13 0.00	25.38 -0.16 0.00	24.63 -0.19 0.00	22.64 -0.15 0.00	21.53 -0.15 0.00	20.79 -0.09 0.00	20.26 -0.11 0.00	19.50 -0.11 0.00	21.31 -0.11 0.00	24.18 -0.18 0.00	23.97 -0.10 0.00	25.36 -0.12 0.00	21.29 -0.11 0.00	24.69 -0.31 0.00	26.48 -0.19 0.00	22.74 -0.18 0.00
ELEC_TRO_TEK 24086	20.51 0.96 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.50 0.72 0.00	18.58 0.83 0.00	21.95 1.09 0.00	21.16 1.27 0.00	24.36 1.57 0.00	23.24 1.38 0.00	27.24 1.69 0.00	26.85 1.76 -0.27	24.30 1.51 0.00	26.53 1.46 -3.39	23.58 1.29 -1.40	23.76 1.16 -2.22	30.74 1.12 -10.01	26.88 1.36 -4.07	32.34 1.64 -6.34	47.16 2.06 -21.04	34.61 2.29 -6.86	31.48 1.88 -8.20	29.31 1.86 -2.44	30.69 1.62 -2.40	25.74 1.31 -1.50
ELLENBURG_WT_PWR 323604	18.91 -0.63 0.00	17.56 -0.62 0.00	16.20 -0.80 0.00	15.04 -0.74 0.00	17.05 -0.71 0.00	20.15 -0.70 0.00	19.12 -0.77 0.00	21.92 -0.87 0.00	20.97 -0.89 0.00	21.26 -1.11 3.17	23.82 -1.00 0.00	21.99 -0.80 0.00	21.04 -0.64 0.00	20.26 -0.62 0.00	19.92 -0.45 0.00	19.35 -0.26 0.00	21.19 -0.26 0.00	23.92 -0.43 0.00	23.28 -0.79 0.00	24.21 -1.26 0.00	20.47 -0.93 0.00	24.22 -0.78 0.00	26.09 -0.59 0.00	22.48 -0.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.21 -0.34 0.00	17.90 -0.28 0.00	16.85 -0.15 0.00	15.55 -0.23 0.00	17.50 -0.25 0.00	20.38 -0.47 0.00	18.76 -1.13 0.00	21.41 -1.38 0.00	20.59 -1.26 0.00	24.56 -0.98 0.00	23.77 -1.05 0.00	21.80 -0.99 0.00	20.72 -0.96 0.00	20.10 -0.78 0.00	19.63 -0.74 0.00	18.78 -0.83 0.00	20.22 -1.22 0.00	23.01 -1.34 0.00	22.68 -1.38 0.00	23.57 -1.90 0.00	19.76 -1.64 0.00	22.90 -2.11 0.00	24.82 -1.84 0.00	21.61 -1.31 0.00
EMPIRE_CC_1 323656	19.75 0.20 0.00	18.36 0.18 0.00	17.15 0.16 0.00	15.93 0.15 0.00	17.93 0.18 0.00	21.10 0.24 0.00	20.15 0.26 0.00	23.18 0.38 0.00	22.10 0.24 0.00	25.67 0.13 0.00	24.92 0.10 0.00	22.89 0.11 0.00	21.81 0.13 0.00	21.00 0.12 0.00	20.46 0.08 0.00	19.70 0.09 0.00	21.62 0.17 0.00	24.51 0.15 0.00	24.40 0.34 0.00	25.94 0.46 0.00	21.81 0.41 0.00	25.31 0.31 0.00	26.67 0.00 0.00	22.96 0.04 0.00
EMPIRE_CC_2 323658	19.75 0.20 0.00	18.36 0.18 0.00	17.15 0.16 0.00	15.93 0.15 0.00	17.93 0.18 0.00	21.10 0.24 0.00	20.15 0.26 0.00	23.18 0.38 0.00	22.10 0.24 0.00	25.67 0.13 0.00	24.92 0.10 0.00	22.89 0.11 0.00	21.81 0.13 0.00	21.00 0.12 0.00	20.46 0.08 0.00	19.70 0.09 0.00	21.62 0.17 0.00	24.51 0.15 0.00	24.40 0.34 0.00	25.94 0.46 0.00	21.81 0.41 0.00	25.31 0.31 0.00	26.67 0.00 0.00	22.96 0.04 0.00
ENORWICH_115KV_TB1 80156	20.93 1.38 0.00	19.29 1.11 0.00	18.18 1.18 0.00	16.76 0.98 0.00	18.93 1.17 0.00	22.25 1.39 0.00	21.19 1.30 0.00	24.41 1.62 0.00	23.19 1.33 0.00	26.88 1.34 0.00	26.06 1.24 0.00	23.99 1.20 0.00	23.03 1.35 0.00	22.19 1.31 0.00	21.56 1.19 0.00	20.69 1.08 0.00	22.84 1.39 0.00	26.02 1.67 0.00	26.00 1.94 0.00	27.67 2.20 0.00	23.19 1.79 0.00	26.66 1.66 0.00	28.25 1.58 0.00	24.23 1.31 0.00
ERIE_ST__34_KV_TB1-2 80199	19.66 0.11 0.00	18.32 0.13 0.00	17.21 0.21 0.00	15.89 0.11 0.00	17.90 0.14 0.00	20.86 0.00 0.00	19.24 -0.64 0.00	22.01 -0.78 0.00	21.18 -0.68 0.00	25.28 -0.27 0.00	24.50 -0.32 0.00	22.51 -0.27 0.00	21.39 -0.29 0.00	20.75 -0.13 0.00	20.26 -0.12 0.00	19.39 -0.22 0.00	20.87 -0.58 0.00	23.72 -0.64 0.00	23.39 -0.67 0.00	24.39 -1.08 0.00	20.42 -0.98 0.00	23.61 -1.39 0.00	25.59 -1.08 0.00	22.25 -0.68 0.00
ERIE_WT_PWR 323693	19.34 -0.21 0.00	18.01 -0.17 0.00	16.94 -0.06 0.00	15.63 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.58 -1.22 0.00	20.74 -1.12 0.00	24.73 -0.81 0.00	23.93 -0.89 0.00	21.95 -0.84 0.00	20.86 -0.82 0.00	20.24 -0.63 0.00	19.77 -0.60 0.00	18.91 -0.70 0.01	20.37 -1.08 0.00	23.18 -1.18 0.00	22.84 -1.22 0.00	23.58 -1.71 0.18	19.91 -1.49 0.00	23.07 -1.93 0.00	24.27 -1.65 0.74	21.28 -1.17 0.48
ESPRGFLD_115KV_TB1 80157	20.51 0.97 0.00	19.04 0.87 0.00	17.82 0.82 0.00	16.52 0.73 0.00	18.62 0.87 0.00	21.90 1.04 0.00	20.83 0.94 0.00	23.91 1.12 0.00	22.97 1.11 0.00	26.87 1.33 0.00	26.11 1.29 0.00	23.92 1.13 0.00	22.79 1.11 0.00	22.04 1.16 0.00	21.48 1.11 0.00	20.58 0.96 0.00	22.56 1.11 0.00	25.75 1.39 0.00	25.45 1.39 0.00	26.88 1.40 0.00	22.50 1.10 0.00	26.09 1.09 0.00	27.93 1.26 0.00	24.00 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.89 0.34 0.00	18.49 0.30 0.00	17.32 0.32 0.00	16.05 0.27 0.00	18.07 0.31 0.00	21.25 0.40 0.00	20.26 0.37 0.00	23.25 0.46 0.00	22.24 0.38 0.00	25.98 0.43 0.00	25.19 0.37 0.00	23.17 0.38 0.00	22.06 0.38 0.00	21.28 0.40 0.00	20.69 0.32 0.00	19.86 0.25 0.00	21.78 0.33 0.00	24.75 0.39 0.00	24.61 0.55 0.00	26.08 0.61 0.00	21.88 0.48 0.00	25.30 0.30 0.00	27.05 0.38 0.00	23.19 0.27 0.00
ETNA____115KV_TB2 80207	19.89 0.34 0.00	18.49 0.30 0.00	17.32 0.32 0.00	16.05 0.27 0.00	18.07 0.31 0.00	21.25 0.40 0.00	20.26 0.37 0.00	23.25 0.46 0.00	22.24 0.38 0.00	25.98 0.43 0.00	25.19 0.37 0.00	23.17 0.38 0.00	22.06 0.38 0.00	21.28 0.40 0.00	20.69 0.32 0.00	19.86 0.25 0.00	21.78 0.33 0.00	24.75 0.39 0.00	24.61 0.55 0.00	26.08 0.61 0.00	21.88 0.48 0.00	25.30 0.30 0.00	27.05 0.38 0.00	23.19 0.27 0.00
EUCLID__115KV_TB2 356179	19.34 -0.21 0.00	18.00 -0.18 0.00	16.87 -0.13 0.00	15.66 -0.12 0.00	17.60 -0.16 0.00	20.64 -0.22 0.00	19.65 -0.24 0.00	22.44 -0.35 0.00	21.51 -0.34 0.00	25.19 -0.36 0.00	24.45 -0.37 0.00	22.45 -0.34 0.00	21.35 -0.34 0.00	20.60 -0.28 0.00	20.11 -0.27 0.00	19.34 -0.27 0.00	21.12 -0.33 0.00	23.95 -0.40 0.00	23.70 -0.36 0.00	25.06 -0.41 0.00	21.04 -0.35 0.00	24.49 -0.51 0.00	26.29 -0.38 0.00	22.59 -0.34 0.00
E_CANADA_CAP_HY 24051	20.60 1.06 0.00	19.13 0.95 0.00	17.90 0.90 0.00	16.59 0.81 0.00	18.72 0.96 0.00	21.98 1.12 0.00	20.88 0.99 0.00	23.95 1.16 0.00	23.03 1.17 0.00	26.85 1.31 0.00	26.08 1.26 0.00	23.85 1.06 0.00	22.75 1.06 0.00	22.03 1.15 0.00	21.50 1.13 0.00	20.61 1.00 0.00	22.65 1.20 0.00	25.89 1.54 0.00	25.55 1.49 0.00	26.93 1.46 0.00	22.52 1.12 0.00	26.21 1.21 0.00	28.09 1.41 0.00	24.14 1.21 0.00
E_CANADA_MHWK_HY 24050	19.34 -0.21 0.00	17.96 -0.23 0.00	16.76 -0.23 0.00	15.51 -0.27 0.00	17.52 -0.24 0.00	20.71 -0.15 0.00	19.87 -0.02 0.00	22.98 0.19 0.00	21.80 -0.05 0.00	25.19 -0.36 0.00	24.47 -0.35 0.00	22.37 -0.42 0.00	21.34 -0.34 0.00	20.43 -0.45 0.00	19.91 -0.46 0.00	19.21 -0.40 0.00	21.18 -0.27 0.00	24.16 -0.20 0.00	24.36 0.29 0.00	25.89 0.42 0.00	21.69 0.29 0.00	25.05 0.04 0.00	26.24 -0.44 0.00	22.43 -0.50 0.00
E_FISHKILL__LBMP 23776	20.03 0.49 0.00	18.63 0.45 0.00	17.39 0.40 0.00	16.14 0.36 0.00	18.17 0.42 0.00	21.43 0.58 0.00	20.64 0.75 0.00	23.80 1.00 0.00	22.73 0.87 0.00	26.50 0.96 0.00	25.79 0.97 0.00	23.64 0.85 0.00	22.49 0.81 0.00	21.59 0.71 0.00	21.01 0.64 0.00	20.23 0.62 0.00	22.18 0.73 0.00	25.26 0.90 0.00	25.26 1.19 0.00	26.91 1.43 0.00	22.59 1.19 0.00	26.07 1.07 0.00	27.47 0.80 0.00	23.55 0.63 0.00
FALCON__SEABRD_CC1 323796	19.12 -0.43 0.00	17.76 -0.42 0.00	16.40 -0.59 0.00	15.24 -0.54 0.00	17.27 -0.48 0.00	20.44 -0.41 0.00	19.40 -0.48 0.00	22.26 -0.53 0.00	21.28 -0.58 0.00	21.54 -0.80 3.20	24.13 -0.68 0.00	22.29 -0.50 0.00	21.34 -0.35 0.00	20.51 -0.37 0.00	20.17 -0.21 0.00	19.62 0.01 0.00	21.50 0.05 0.00	24.26 -0.09 0.00	23.61 -0.45 0.00	24.50 -0.97 0.00	20.75 -0.64 0.00	24.48 -0.52 0.00	26.37 -0.30 0.00	22.72 -0.21 0.00
FALCON__SEABRD_CC2 323797	19.12 -0.43 0.00	17.76 -0.42 0.00	16.40 -0.59 0.00	15.24 -0.54 0.00	17.27 -0.48 0.00	20.44 -0.41 0.00	19.40 -0.48 0.00	22.26 -0.53 0.00	21.28 -0.58 0.00	21.54 -0.80 3.20	24.13 -0.68 0.00	22.29 -0.50 0.00	21.34 -0.35 0.00	20.51 -0.37 0.00	20.17 -0.21 0.00	19.62 0.01 0.00	21.50 0.05 0.00	24.26 -0.09 0.00	23.61 -0.45 0.00	24.50 -0.97 0.00	20.75 -0.64 0.00	24.48 -0.52 0.00	26.37 -0.30 0.00	22.72 -0.21 0.00

FAR ROCKAWAY___4 23548	20.75 1.20 0.00	19.29 1.11 0.00	17.98 0.99 0.00	16.69 0.90 0.00	18.79 1.04 0.00	22.20 1.34 0.00	21.39 1.50 0.00	24.64 1.85 0.00	23.51 1.65 0.00	27.54 2.00 0.00	27.45 2.05 -0.59	24.57 1.77 -0.01	30.72 1.69 -7.35	25.45 1.53 -3.05	26.60 1.40 -4.83	42.68 1.35 -21.72	31.88 1.60 -8.83	40.39 1.93 -14.10	73.80 2.38 -47.37	43.36 2.44 -15.44	42.03 2.15 -18.48	32.84 2.21 -5.62	33.99 1.95 -5.37	27.86 1.59 -3.35
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.32 0.77 0.00	18.90 0.71 0.00	17.63 0.63 0.00	16.37 0.59 0.00	18.44 0.69 0.00	21.78 0.92 0.00	21.02 1.14 0.00	24.29 1.50 0.00	23.26 1.40 0.00	27.20 1.66 0.00	26.49 1.67 0.00	24.26 1.48 0.00	23.06 1.38 0.00	22.12 1.24 0.00	21.51 1.13 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.88 1.53 0.00	25.92 1.86 0.00	27.66 2.19 0.00	23.17 1.78 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.03 1.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.34 0.79 0.00	18.91 0.72 0.00	17.64 0.65 0.00	16.38 0.60 0.00	18.45 0.70 0.00	21.79 0.93 0.00	21.03 1.15 0.00	24.30 1.51 0.00	23.27 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.28 1.49 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.15 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.94 1.88 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.09 1.42 0.00	24.05 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.32 0.77 0.00	18.89 0.70 0.00	17.63 0.63 0.00	16.37 0.58 0.00	18.44 0.68 0.00	21.77 0.92 0.00	21.01 1.13 0.00	24.28 1.49 0.00	23.25 1.40 0.00	27.19 1.65 0.00	26.48 1.66 0.00	24.25 1.46 0.00	23.05 1.37 0.00	22.11 1.23 0.00	21.50 1.13 0.00	20.69 1.08 0.00	22.71 1.26 0.00	25.87 1.51 0.00	25.91 1.85 0.00	27.65 2.18 0.00	23.16 1.77 0.00	26.66 1.65 0.00	28.05 1.38 0.00	24.02 1.09 0.00
FARRAGUT___LBMP 323566	20.30 0.75 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.75 0.90 0.00	21.00 1.11 0.00	24.27 1.47 0.00	23.23 1.37 0.00	27.17 1.63 0.00	26.46 1.64 0.00	24.23 1.44 0.00	23.03 1.35 0.00	22.10 1.22 0.00	21.48 1.11 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.85 1.49 0.00	25.89 1.83 0.00	27.62 2.15 0.00	23.15 1.75 0.00	26.64 1.63 0.00	28.03 1.36 0.00	24.01 1.08 0.00
FENNER___WINDPWR 24204	19.84 0.30 0.00	18.43 0.25 0.00	17.24 0.24 0.00	16.01 0.23 0.00	18.03 0.27 0.00	21.18 0.33 0.00	20.23 0.35 0.00	23.22 0.43 0.00	22.24 0.38 0.00	25.96 0.42 0.00	25.24 0.42 0.00	23.24 0.45 0.00	22.11 0.42 0.00	21.31 0.43 0.00	20.78 0.41 0.00	19.94 0.33 0.00	21.80 0.35 0.00	24.81 0.45 0.00	24.59 0.53 0.00	26.02 0.55 0.00	21.82 0.42 0.00	25.36 0.35 0.00	27.10 0.42 0.00	23.23 0.31 0.00
FIBERTEK___ENERGY 23856	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00
FITZPATRICK___ 23598	19.11 -0.43 0.00	17.80 -0.38 0.00	16.68 -0.32 0.00	15.49 -0.29 0.00	17.40 -0.35 0.00	20.39 -0.47 0.00	19.42 -0.47 0.00	22.20 -0.59 0.00	21.28 -0.58 0.00	24.90 -0.65 0.00	24.17 -0.65 0.00	22.19 -0.59 0.00	21.11 -0.57 0.00	20.37 -0.51 0.00	19.89 -0.49 0.00	19.14 -0.48 0.00	20.89 -0.56 0.00	23.71 -0.65 0.00	23.46 -0.60 0.00	24.81 -0.66 0.00	20.84 -0.55 0.00	24.26 -0.74 0.00	26.03 -0.64 0.00	22.39 -0.54 0.00
FLOWRFLD_69_KV_BK1 356044	20.71 1.16 0.00	19.28 1.10 0.00	17.97 0.97 0.00	16.66 0.88 0.00	18.76 1.00 0.00	22.14 1.29 0.00	21.32 1.43 0.00	24.46 1.66 0.00	23.27 1.41 0.00	27.33 1.79 0.00	26.71 1.85 -0.04	24.25 1.46 0.00	23.67 1.48 -0.51	22.32 1.23 -0.21	21.80 1.09 -0.33	22.19 1.08 -1.50	23.41 1.35 -0.61	26.96 1.67 -0.93	29.44 2.30 -3.07	28.92 2.45 -1.00	24.61 2.01 -1.20	27.46 2.10 -0.35	28.89 1.87 -0.35	24.69 1.54 -0.22
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.28 0.73 0.00	18.86 0.68 0.00	17.60 0.61 0.00	16.33 0.55 0.00	18.40 0.64 0.00	21.71 0.86 0.00	20.92 1.04 0.00	24.15 1.36 0.00	23.06 1.20 0.00	26.85 1.31 0.00	26.13 1.32 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.85 0.97 0.00	21.27 0.90 0.00	20.49 0.87 0.00	22.49 1.03 0.00	25.61 1.26 0.00	25.64 1.58 0.00	27.33 1.86 0.00	22.94 1.54 0.00	26.46 1.46 0.00	27.87 1.20 0.00	23.88 0.96 0.00
FORT ORANGE___ 23900	20.05 0.50 0.00	18.64 0.45 0.00	17.41 0.41 0.00	16.17 0.39 0.00	18.21 0.45 0.00	21.44 0.59 0.00	20.57 0.68 0.00	23.67 0.88 0.00	22.55 0.69 0.00	26.19 0.65 0.00	25.40 0.58 0.00	23.30 0.51 0.00	22.18 0.49 0.00	21.33 0.45 0.00	20.79 0.42 0.00	20.02 0.41 0.00	22.01 0.56 0.00	25.06 0.71 0.00	24.98 0.92 0.00	26.55 1.08 0.00	22.30 0.91 0.00	25.87 0.87 0.00	27.30 0.63 0.00	23.45 0.52 0.00
FORT_DRUM_COGEN 23780	19.02 -0.53 0.00	17.44 -0.74 0.00	16.23 -0.76 0.00	15.16 -0.62 0.00	17.13 -0.63 0.00	19.99 -0.87 0.00	18.99 -0.90 0.00	21.80 -0.99 0.00	20.88 -0.97 0.00	24.59 -1.09 -0.13	23.81 -1.01 0.00	21.80 -0.99 0.00	20.59 -1.09 0.00	19.78 -1.10 0.00	19.41 -0.96 0.00	18.80 -0.81 0.00	20.67 -0.78 0.00	23.55 -0.80 0.00	23.29 -0.78 0.00	24.62 -0.85 0.00	20.70 -0.70 0.00	24.30 -0.70 0.00	26.34 -0.33 0.00	22.58 -0.34 0.00
FOX_HILLS___ESR 323835	20.33 0.78 0.00	18.91 0.73 0.00	17.64 0.65 0.00	16.39 0.61 0.00	18.46 0.70 0.00	21.80 0.94 0.00	21.03 1.15 0.00	24.29 1.50 0.00	23.22 1.37 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.19 1.40 0.00	23.01 1.32 0.00	22.07 1.19 0.00	21.45 1.08 0.00	20.65 1.03 0.00	22.67 1.22 0.00	25.84 1.48 0.00	25.87 1.80 0.00	27.63 2.16 0.00	23.14 1.75 0.00	26.64 1.63 0.00	28.08 1.41 0.00	24.06 1.14 0.00
FPL_FAR_ROCK_GT1 24212	20.75 1.20 0.00	19.29 1.11 0.00	17.98 0.98 0.00	16.69 0.90 0.00	18.79 1.04 0.00	22.20 1.34 0.00	21.39 1.51 0.00	24.64 1.85 0.00	23.51 1.65 0.00	27.54 2.00 0.00	27.45 2.05 -0.59	24.57 1.77 -0.01	30.72 1.69 -7.35	25.45 1.52 -3.05	26.60 1.40 -4.83	42.67 1.34 -21.72	31.88 1.60 -8.83	40.39 1.93 -14.10	73.80 2.37 -47.37	43.35 2.44 -15.44	42.03 2.15 -18.48	32.83 2.20 -5.62	33.99 1.95 -5.37	27.86 1.59 -3.35
FPL_FAR_ROCK_GT2 23815	20.75 1.20 0.00	19.29 1.11 0.00	17.98 0.98 0.00	16.69 0.90 0.00	18.79 1.04 0.00	22.20 1.34 0.00	21.39 1.51 0.00	24.64 1.85 0.00	23.51 1.65 0.00	27.54 2.00 0.00	27.45 2.05 -0.59	24.57 1.77 -0.01	30.72 1.69 -7.35	25.45 1.52 -3.05	26.60 1.40 -4.83	42.67 1.34 -21.72	31.88 1.60 -8.83	40.39 1.93 -14.10	73.80 2.37 -47.37	43.35 2.44 -15.44	42.03 2.15 -18.48	32.83 2.20 -5.62	33.99 1.95 -5.37	27.86 1.59 -3.35



FRANKLIN_FALL_HYD 24054	19.14 -0.41 0.00	17.77 -0.42 0.00	16.43 -0.56 0.00	15.27 -0.51 0.00	17.29 -0.47 0.00	20.40 -0.45 0.00	19.37 -0.52 0.00	22.24 -0.55 0.00	21.32 -0.54 0.00	27.09 -0.64 -2.19	24.23 -0.58 0.00	22.36 -0.43 0.00	21.35 -0.33 0.00	20.56 -0.33 0.00	20.19 -0.18 0.00	19.56 -0.06 0.00	21.39 -0.06 0.00	24.20 -0.15 0.00	23.59 -0.47 0.00	24.67 -0.80 0.00	20.76 -0.63 0.00	24.58 -0.43 0.00	26.43 -0.24 0.00	22.75 -0.17 0.00
FREEPORT_EQUS_GT1 23764	20.60 1.05 0.00	19.16 0.98 0.00	17.86 0.86 0.00	16.57 0.79 0.00	18.67 0.91 0.00	22.04 1.19 0.00	21.25 1.36 0.00	24.46 1.67 0.00	23.32 1.46 0.00	27.32 1.78 0.00	26.89 1.83 -0.24	24.35 1.56 0.00	26.21 1.51 -3.02	23.47 1.33 -1.25	23.57 1.21 -1.99	29.71 1.17 -8.93	26.51 1.43 -3.63	31.57 1.75 -5.46	44.02 2.21 -17.75	33.69 2.43 -5.78	30.32 2.01 -6.92	29.11 2.03 -2.07	30.59 1.79 -2.14	25.70 1.44 -1.33
FREEPORT___CT2 23818	20.60 1.05 0.00	19.16 0.98 0.00	17.86 0.86 0.00	16.57 0.79 0.00	18.67 0.91 0.00	22.04 1.19 0.00	21.25 1.36 0.00	24.46 1.67 0.00	23.32 1.46 0.00	27.32 1.78 0.00	26.89 1.83 -0.24	24.35 1.56 0.00	26.21 1.51 -3.02	23.47 1.33 -1.25	23.57 1.21 -1.99	29.71 1.17 -8.93	26.51 1.43 -3.63	31.57 1.75 -5.46	44.02 2.21 -17.75	33.69 2.43 -5.78	30.32 2.01 -6.92	29.11 2.03 -2.07	30.59 1.79 -2.14	25.70 1.44 -1.33
FRESHKLS_33_KV_LOAD 356253	20.27 0.72 0.00	18.86 0.68 0.00	17.60 0.60 0.00	16.36 0.58 0.00	18.42 0.66 0.00	21.75 0.89 0.00	20.96 1.08 0.00	24.19 1.40 0.00	23.12 1.26 0.00	27.02 1.48 0.00	26.31 1.49 0.00	24.07 1.29 0.00	22.89 1.21 0.00	21.96 1.08 0.00	21.35 0.98 0.00	20.53 0.92 0.00	22.55 1.10 0.00	25.72 1.36 0.00	25.76 1.69 0.00	27.54 2.06 0.00	23.07 1.67 0.00	26.55 1.54 0.00	28.03 1.35 0.00	24.03 1.10 0.00
FULTON COGEN____ 23766	19.27 -0.28 0.00	17.93 -0.25 0.00	16.80 -0.19 0.00	15.60 -0.18 0.00	17.53 -0.23 0.00	20.56 -0.30 0.00	19.60 -0.29 0.00	22.40 -0.39 0.00	21.47 -0.39 0.00	25.13 -0.42 0.00	24.40 -0.42 0.00	22.40 -0.39 0.00	21.30 -0.38 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.30 -0.31 0.00	21.08 -0.37 0.00	23.93 -0.42 0.00	23.70 -0.36 0.00	25.07 -0.40 0.00	21.04 -0.36 0.00	24.47 -0.54 0.00	26.25 -0.42 0.00	22.55 -0.37 0.00
FULTON___LFGE 323630	21.30 1.75 0.00	19.77 1.59 0.00	18.48 1.48 0.00	17.16 1.38 0.00	19.38 1.62 0.00	22.85 2.00 0.00	21.91 2.02 0.00	25.20 2.41 0.00	24.08 2.22 0.00	27.74 2.20 0.00	27.05 2.23 0.00	24.40 1.62 0.00	23.57 1.88 0.00	22.77 1.89 0.00	22.15 1.78 0.00	21.19 1.58 0.00	23.54 2.09 0.00	27.07 2.71 0.00	26.90 2.83 0.00	28.50 3.03 0.00	23.84 2.44 0.00	27.62 2.62 0.00	29.36 2.69 0.00	25.08 2.16 0.00
G.F.CEMENT___DRP 24184	20.17 0.62 0.00	18.73 0.55 0.00	17.48 0.48 0.00	16.25 0.47 0.00	18.31 0.55 0.00	21.65 0.80 0.00	20.86 0.97 0.00	24.02 1.23 0.00	22.86 1.00 0.00	26.30 0.76 0.00	25.60 0.78 0.00	23.53 0.74 0.00	22.34 0.65 0.00	21.41 0.53 0.00	20.85 0.48 0.00	20.16 0.55 0.00	22.24 0.79 0.00	25.44 1.09 0.00	25.39 1.33 0.00	26.94 1.46 0.00	22.66 1.27 0.00	26.20 1.19 0.00	27.49 0.82 0.00	23.56 0.63 0.00
GARDENVILLE___LBMP 24039	19.27 -0.28 0.00	17.96 -0.22 0.00	16.89 -0.10 0.00	15.59 -0.19 0.00	17.54 -0.21 0.00	20.44 -0.42 0.00	18.83 -1.06 0.00	21.50 -1.29 0.00	20.67 -1.18 0.00	24.64 -0.90 0.00	23.85 -0.97 0.00	21.87 -0.92 0.00	20.79 -0.90 0.00	20.18 -0.70 0.00	19.70 -0.67 0.00	18.85 -0.76 0.00	20.30 -1.15 0.00	23.11 -1.25 0.00	22.78 -1.28 0.00	23.68 -1.79 0.00	19.85 -1.55 0.00	22.99 -2.02 0.00	24.93 -1.75 0.00	21.69 -1.24 0.00
GARDNVLA_35_KV_LD 355827	19.36 -0.19 0.00	18.04 -0.14 0.00	16.96 -0.03 0.00	15.65 -0.13 0.00	17.62 -0.14 0.00	20.53 -0.33 0.00	18.91 -0.97 0.00	21.60 -1.19 0.00	20.77 -1.09 0.00	24.78 -0.77 0.00	23.97 -0.84 0.00	21.99 -0.80 0.00	20.90 -0.79 0.00	20.29 -0.60 0.00	19.81 -0.57 0.00	18.95 -0.66 0.00	20.40 -1.05 0.00	23.22 -1.14 0.00	22.89 -1.18 0.00	23.79 -1.68 0.00	19.94 -1.46 0.00	23.10 -1.91 0.00	25.04 -1.63 0.00	21.78 -1.14 0.00
GELCKHM___115KV_LOAD 80723	19.43 -0.12 0.00	18.08 -0.10 0.00	16.94 -0.06 0.00	15.73 -0.06 0.00	17.67 -0.09 0.00	20.74 -0.12 0.00	19.75 -0.14 0.00	22.56 -0.23 0.00	21.63 -0.23 0.00	25.30 -0.24 0.00	24.57 -0.25 0.00	22.57 -0.22 0.00	21.45 -0.23 0.00	20.71 -0.17 0.00	20.21 -0.16 0.00	19.44 -0.17 0.00	21.22 -0.23 0.00	24.09 -0.26 0.00	23.85 -0.22 0.00	25.22 -0.26 0.00	21.17 -0.22 0.00	24.62 -0.38 0.00	26.41 -0.26 0.00	22.69 -0.23 0.00
GENERAL___MILLS 23808	19.33 -0.22 0.00	18.02 -0.16 0.00	16.95 -0.05 0.00	15.64 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.57 -1.22 0.00	20.74 -1.11 0.00	24.73 -0.81 0.00	23.94 -0.88 0.00	21.95 -0.83 0.00	20.87 -0.81 0.00	20.25 -0.63 0.00	19.78 -0.59 0.00	18.92 -0.69 0.00	20.37 -1.08 0.00	23.18 -1.18 0.00	22.86 -1.21 0.00	23.76 -1.71 0.00	19.91 -1.49 0.00	23.07 -1.93 0.00	25.01 -1.67 0.00	21.76 -1.17 0.00
GE_PLASTICS___DRP 24183	19.90 0.36 0.00	18.51 0.33 0.00	17.29 0.30 0.00	16.06 0.28 0.00	18.08 0.32 0.00	21.28 0.42 0.00	20.38 0.50 0.00	23.44 0.65 0.00	22.37 0.52 0.00	26.03 0.49 0.00	25.28 0.46 0.00	23.20 0.41 0.00	22.08 0.40 0.00	21.23 0.35 0.00	20.70 0.33 0.00	19.93 0.31 0.00	21.86 0.41 0.00	24.86 0.51 0.00	24.76 0.69 0.00	26.30 0.82 0.00	22.10 0.70 0.00	25.64 0.64 0.00	27.10 0.43 0.00	23.28 0.36 0.00
GILBOA___1 23756	19.81 0.27 0.00	18.42 0.24 0.00	17.21 0.22 0.00	15.98 0.20 0.00	17.99 0.23 0.00	21.18 0.32 0.00	20.29 0.40 0.00	23.34 0.55 0.00	22.31 0.45 0.00	26.00 0.46 0.00	25.27 0.45 0.00	23.19 0.40 0.00	22.07 0.38 0.00	21.22 0.33 0.00	20.67 0.30 0.00	19.90 0.29 0.00	21.80 0.36 0.00	24.79 0.44 0.00	24.69 0.63 0.00	26.23 0.75 0.00	22.03 0.63 0.00	25.54 0.53 0.00	27.04 0.37 0.00	23.21 0.29 0.00
GILBOA___2 23757	19.81 0.27 0.00	18.42 0.24 0.00	17.21 0.22 0.00	15.98 0.20 0.00	17.99 0.23 0.00	21.18 0.32 0.00	20.29 0.40 0.00	23.34 0.55 0.00	22.31 0.45 0.00	26.00 0.46 0.00	25.27 0.45 0.00	23.19 0.40 0.00	22.07 0.38 0.00	21.22 0.33 0.00	20.67 0.30 0.00	19.90 0.29 0.00	21.80 0.36 0.00	24.79 0.44 0.00	24.69 0.63 0.00	26.23 0.75 0.00	22.03 0.63 0.00	25.54 0.53 0.00	27.04 0.37 0.00	23.21 0.29 0.00
GILBOA___3 23758	19.81 0.27 0.00	18.42 0.24 0.00	17.21 0.22 0.00	15.98 0.20 0.00	17.99 0.23 0.00	21.18 0.32 0.00	20.29 0.40 0.00	23.34 0.55 0.00	22.31 0.45 0.00	26.00 0.46 0.00	25.27 0.45 0.00	23.19 0.40 0.00	22.07 0.38 0.00	21.22 0.33 0.00	20.67 0.30 0.00	19.90 0.29 0.00	21.80 0.36 0.00	24.79 0.44 0.00	24.69 0.63 0.00	26.23 0.75 0.00	22.03 0.63 0.00	25.54 0.53 0.00	27.04 0.37 0.00	23.21 0.29 0.00

GILBOA___4 23759	19.81 0.27 0.00	18.42 0.24 0.00	17.21 0.22 0.00	15.98 0.20 0.00	17.99 0.23 0.00	21.18 0.32 0.00	20.29 0.40 0.00	23.34 0.55 0.00	22.31 0.45 0.00	26.00 0.46 0.00	25.27 0.45 0.00	23.19 0.40 0.00	22.07 0.38 0.00	21.22 0.33 0.00	20.67 0.30 0.00	19.90 0.29 0.00	21.80 0.36 0.00	24.79 0.44 0.00	24.69 0.63 0.00	26.23 0.75 0.00	22.03 0.63 0.00	25.54 0.53 0.00	27.04 0.37 0.00	23.21 0.29 0.00
GILBOA____ 23599	19.81 0.27 0.00	18.42 0.24 0.00	17.22 0.22 0.00	15.98 0.20 0.00	17.99 0.23 0.00	21.17 0.32 0.00	20.29 0.40 0.00	23.34 0.55 0.00	22.31 0.45 0.00	26.00 0.46 0.00	25.27 0.45 0.00	23.19 0.40 0.00	22.07 0.38 0.00	21.22 0.33 0.00	20.67 0.30 0.00	19.90 0.29 0.00	21.80 0.36 0.00	24.79 0.44 0.00	24.69 0.62 0.00	26.23 0.75 0.00	22.03 0.63 0.00	25.54 0.53 0.00	27.04 0.37 0.00	23.22 0.29 0.00
GINNA____ 23603	18.43 -1.12 0.00	17.17 -1.01 0.00	16.11 -0.89 0.00	14.94 -0.84 0.00	16.82 -0.94 0.00	19.70 -1.16 0.00	18.55 -1.33 0.00	21.20 -1.59 0.00	20.35 -1.51 0.00	23.97 -1.58 0.00	23.23 -1.59 0.00	21.33 -1.46 0.00	20.28 -1.40 0.00	19.65 -1.23 0.00	19.17 -1.20 0.00	18.42 -1.19 0.00	20.01 -1.44 0.00	22.74 -1.61 0.00	22.47 -1.59 0.00	23.54 -1.86 0.07	19.79 -1.61 0.00	22.95 -2.05 0.00	24.43 -1.99 0.25	21.13 -1.63 0.16
GLEN PARK____ 23778	19.05 -0.50 0.00	17.48 -0.71 0.00	16.27 -0.72 0.00	15.19 -0.59 0.00	17.17 -0.59 0.00	20.04 -0.81 0.00	19.06 -0.83 0.00	21.90 -0.89 0.00	20.96 -0.90 0.00	24.67 -1.00 -0.13	23.89 -0.93 0.00	21.87 -0.92 0.00	20.65 -1.03 0.00	19.82 -1.06 0.00	19.45 -0.92 0.00	18.87 -0.75 0.00	20.74 -0.71 0.00	23.65 -0.71 0.00	23.40 -0.66 0.00	24.75 -0.72 0.00	20.80 -0.60 0.00	24.39 -0.62 0.00	26.42 -0.25 0.00	22.64 -0.29 0.00
GLENDALE_27_KV_LOAD 356172	20.42 0.87 0.00	18.99 0.81 0.00	17.71 0.72 0.00	16.45 0.66 0.00	18.53 0.77 0.00	21.88 1.02 0.00	21.12 1.23 0.00	24.41 1.61 0.00	23.37 1.51 0.00	27.34 1.79 0.00	26.62 1.80 0.00	24.38 1.59 0.00	23.17 1.48 0.00	22.23 1.35 0.00	21.61 1.24 0.00	20.79 1.18 0.00	22.84 1.38 0.00	26.01 1.65 0.00	26.03 1.97 0.00	27.78 2.30 0.00	23.26 1.87 0.00	26.78 1.77 0.00	28.18 1.51 0.00	24.14 1.21 0.00
GLENWOOD_IC_1_G5 23712	20.61 1.07 0.00	19.16 0.98 0.00	17.87 0.87 0.00	16.58 0.80 0.00	18.68 0.92 0.00	22.05 1.20 0.00	21.27 1.38 0.00	24.50 1.71 0.00	23.38 1.53 0.00	27.45 1.90 0.00	26.97 1.97 -0.18	24.49 1.70 0.00	25.61 1.66 -2.27	23.30 1.48 -0.94	23.21 1.35 -1.49	27.63 1.31 -6.71	25.73 1.55 -2.73	30.34 1.86 -4.12	39.78 2.30 -13.42	32.37 2.53 -4.37	28.69 2.06 -5.23	28.45 2.03 -1.41	29.92 1.80 -1.45	25.29 1.46 -0.90
GLENWOOD_IC_2_G1 23688	20.55 1.01 0.00	19.12 0.94 0.00	17.82 0.82 0.00	16.54 0.76 0.00	18.63 0.87 0.00	22.00 1.15 0.00	21.21 1.33 0.00	24.43 1.64 0.00	23.30 1.44 0.00	27.26 1.72 0.00	26.84 1.91 -0.11	24.44 1.65 0.00	24.71 1.60 -1.42	22.90 1.43 -0.59	22.61 1.30 -0.93	25.07 1.26 -4.20	24.65 1.50 -1.71	28.78 1.81 -2.62	34.93 2.24 -8.63	30.75 2.46 -2.81	26.76 2.00 -3.36	27.60 1.94 -0.65	29.03 1.72 -0.64	24.72 1.39 -0.40
GLENWOOD_IC_3_G1 23689	20.55 1.01 0.00	19.12 0.94 0.00	17.82 0.82 0.00	16.54 0.76 0.00	18.63 0.87 0.00	22.00 1.15 0.00	21.21 1.33 0.00	24.43 1.64 0.00	23.30 1.44 0.00	27.26 1.72 0.00	26.84 1.91 -0.11	24.44 1.65 0.00	24.71 1.60 -1.42	22.90 1.43 -0.59	22.61 1.30 -0.93	25.07 1.26 -4.20	24.65 1.50 -1.71	28.78 1.81 -2.62	34.93 2.24 -8.63	30.75 2.46 -2.81	26.76 2.00 -3.36	27.60 1.94 -0.65	29.03 1.72 -0.64	24.72 1.39 -0.40
GLENWOOD___4 23550	20.61 1.07 0.00	19.16 0.98 0.00	17.87 0.87 0.00	16.58 0.80 0.00	18.68 0.92 0.00	22.05 1.20 0.00	21.27 1.38 0.00	24.50 1.71 0.00	23.38 1.53 0.00	27.45 1.90 0.00	26.97 1.97 -0.18	24.49 1.70 0.00	25.61 1.66 -2.27	23.30 1.48 -0.94	23.21 1.35 -1.49	27.63 1.31 -6.71	25.73 1.55 -2.73	30.34 1.86 -4.12	39.78 2.30 -13.42	32.37 2.53 -4.37	28.69 2.06 -5.23	28.45 2.03 -1.41	29.92 1.80 -1.45	25.29 1.46 -0.90
GLENWOOD___5 23614	20.61 1.07 0.00	19.16 0.98 0.00	17.87 0.87 0.00	16.58 0.80 0.00	18.68 0.92 0.00	22.05 1.20 0.00	21.27 1.38 0.00	24.50 1.71 0.00	23.38 1.53 0.00	27.45 1.90 0.00	26.97 1.97 -0.18	24.49 1.70 0.00	25.61 1.66 -2.27	23.30 1.48 -0.94	23.21 1.35 -1.49	27.63 1.31 -6.71	25.73 1.55 -2.73	30.34 1.86 -4.12	39.78 2.30 -13.42	32.37 2.53 -4.37	28.69 2.06 -5.23	28.45 2.03 -1.41	29.92 1.80 -1.45	25.29 1.46 -0.90
GLOBAL GREEN_PORT_GT1 23814	21.25 1.70 0.00	19.77 1.59 0.00	18.42 1.43 0.00	17.10 1.32 0.00	19.27 1.51 0.00	22.75 1.89 0.00	21.86 1.97 0.00	24.88 2.09 0.00	23.61 1.75 0.00	27.85 2.31 0.00	27.21 2.35 -0.04	24.48 1.70 0.00	23.92 1.75 -0.48	22.45 1.37 -0.20	21.87 1.18 -0.32	22.24 1.20 -1.43	23.59 1.56 -0.58	27.18 1.93 -0.89	29.86 2.85 -2.95	29.41 2.98 -0.96	24.99 2.44 -1.15	28.04 2.70 -0.33	29.45 2.45 -0.34	25.20 2.07 -0.21
GLOBE___DSASP 323697	18.76 -0.79 0.00	17.53 -0.65 0.00	16.51 -0.49 0.00	15.26 -0.52 0.00	17.17 -0.59 0.00	19.95 -0.91 0.00	18.22 -1.67 0.00	20.65 -2.14 0.00	19.90 -1.96 0.00	23.77 -1.77 0.00	22.97 -1.85 0.00	21.09 -1.70 0.00	20.04 -1.65 0.00	19.44 -1.44 0.00	18.97 -1.40 0.00	18.15 -1.46 0.00	19.53 -1.92 0.00	22.20 -2.15 0.00	21.87 -2.19 0.00	22.71 -2.76 0.00	19.04 -2.36 0.00	22.07 -2.93 0.00	23.99 -2.68 0.00	20.97 -1.96 0.00
GOETHSLN___LBMP 323567	20.18 0.63 0.00	18.77 0.58 0.00	17.51 0.51 0.00	16.27 0.49 0.00	18.32 0.56 0.00	21.63 0.78 0.00	20.88 0.99 0.00	24.14 1.35 0.00	23.10 1.24 0.00	27.02 1.48 0.00	26.31 1.49 0.00	24.09 1.30 0.00	22.89 1.21 0.00	21.95 1.07 0.00	21.35 0.98 0.00	20.55 0.94 0.00	22.56 1.11 0.00	25.71 1.35 0.00	25.74 1.68 0.00	27.48 2.01 0.00	23.02 1.62 0.00	26.49 1.49 0.00	27.88 1.21 0.00	23.87 0.95 0.00
GOLAH___69_KV_TB 1_2 80279	19.44 -0.10 0.00	18.12 -0.06 0.00	17.02 0.02 0.00	15.77 -0.02 0.00	17.75 0.00 0.00	20.77 -0.09 0.00	19.44 -0.45 0.00	22.21 -0.59 0.00	21.32 -0.53 0.00	25.22 -0.33 0.00	24.40 -0.41 0.00	22.38 -0.40 0.00	21.26 -0.42 0.00	20.64 -0.24 0.00	20.16 -0.21 0.00	19.34 -0.28 0.00	20.95 -0.50 0.00	23.83 -0.53 0.00	23.53 -0.53 0.00	24.66 -0.81 0.00	20.67 -0.73 0.00	23.90 -1.10 0.00	25.76 -0.91 0.00	22.29 -0.63 0.00
GOODYEAR_LAKE_HYD 323669	20.24 0.70 0.00	18.81 0.63 0.00	17.59 0.60 0.00	16.31 0.53 0.00	18.38 0.63 0.00	21.65 0.80 0.00	20.66 0.78 0.00	23.77 0.98 0.00	22.76 0.91 0.00	26.59 1.04 0.00	25.84 1.02 0.00	23.71 0.92 0.00	22.58 0.90 0.00	21.76 0.88 0.00	21.20 0.82 0.00	20.34 0.73 0.00	22.29 0.83 0.00	25.38 1.03 0.00	25.20 1.13 0.00	26.69 1.22 0.00	22.39 0.99 0.00	25.91 0.91 0.00	27.59 0.92 0.00	23.68 0.76 0.00

GOUDEY___1 345031	19.66 0.12 0.00	18.28 0.10 0.00	17.11 0.11 0.00	15.85 0.07 0.00	17.84 0.09 0.00	20.98 0.12 0.00	19.96 0.07 0.00	22.94 0.15 0.00	21.92 0.06 0.00	25.63 0.08 0.00	24.87 0.05 0.00	22.91 0.12 0.00	21.79 0.11 0.00	21.02 0.14 0.00	20.48 0.11 0.00	19.65 0.04 0.00	21.48 0.03 0.00	24.37 0.02 0.00	24.22 0.15 0.00	25.64 0.17 0.00	21.54 0.13 0.00	24.86 -0.14 0.00	26.62 -0.05 0.00	22.83 -0.10 0.00
GOUDEY___7 23579	19.68 0.13 0.00	18.30 0.11 0.00	17.12 0.13 0.00	15.86 0.08 0.00	17.86 0.11 0.00	21.00 0.14 0.00	19.98 0.09 0.00	22.96 0.17 0.00	21.94 0.09 0.00	25.65 0.11 0.00	24.90 0.08 0.00	22.93 0.14 0.00	21.82 0.14 0.00	21.05 0.17 0.00	20.51 0.14 0.00	19.67 0.06 0.00	21.50 0.05 0.00	24.40 0.05 0.00	24.24 0.17 0.00	25.67 0.19 0.00	21.56 0.16 0.00	24.88 -0.12 0.00	26.65 -0.03 0.00	22.85 -0.07 0.00
GOUDEY___8 23580	19.66 0.12 0.00	18.28 0.10 0.00	17.11 0.11 0.00	15.85 0.07 0.00	17.84 0.09 0.00	20.98 0.12 0.00	19.96 0.07 0.00	22.94 0.15 0.00	21.92 0.06 0.00	25.63 0.08 0.00	24.87 0.05 0.00	22.91 0.12 0.00	21.79 0.11 0.00	21.02 0.14 0.00	20.48 0.11 0.00	19.65 0.04 0.00	21.48 0.03 0.00	24.37 0.02 0.00	24.22 0.15 0.00	25.64 0.17 0.00	21.54 0.13 0.00	24.86 -0.14 0.00	26.62 -0.05 0.00	22.83 -0.10 0.00
GOWANUS_GT1_1 24077	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_2 24078	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_3 24079	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_4 24080	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_5 24084	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_6 24111	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_7 24112	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT1_8 24113	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT2_1 24114	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_2 24115	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_3 24116	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_4 24117	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00

GOWANUS_GT2_5 24118	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_6 24119	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_7 24120	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT2_8 24121	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_1 24122	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_2 24123	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_3 24124	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_4 24125	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_5 24126	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_6 24127	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_7 24128	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT3_8 24129	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
GOWANUS_GT4_1 24130	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_2 24131	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_3 24132	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00

GOWANUS_GT4_4 24133	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_5 24134	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_6 24135	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_7 24136	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GOWANUS_GT4_8 24137	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.25 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GREENBSH_115KV_TB3 55895	19.96 0.41 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.10 0.32 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.09 0.55 0.00	25.33 0.51 0.00	23.25 0.46 0.00	22.14 0.45 0.00	21.28 0.40 0.00	20.74 0.37 0.00	19.97 0.36 0.00	21.93 0.48 0.00	24.93 0.57 0.00	24.83 0.77 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.72 0.71 0.00	27.15 0.48 0.00	23.33 0.40 0.00
GREENDGE_115KV_TB5 80291	19.93 0.39 0.00	18.56 0.38 0.00	17.39 0.40 0.00	16.07 0.29 0.00	18.09 0.33 0.00	21.27 0.41 0.00	20.33 0.44 0.00	23.26 0.47 0.00	22.15 0.29 0.00	25.80 0.25 0.00	24.93 0.12 0.00	22.92 0.14 0.00	21.82 0.14 0.00	20.96 0.08 0.00	20.56 0.19 0.00	19.70 0.09 0.00	21.63 0.18 0.00	24.54 0.18 0.00	24.52 0.45 0.00	25.92 0.45 0.00	21.81 0.41 0.00	24.61 -0.39 0.00	26.40 -0.27 0.00	22.63 -0.30 0.00
GREENIDGE___3 23582	19.93 0.39 0.00	18.56 0.38 0.00	17.39 0.40 0.00	16.07 0.29 0.00	18.09 0.33 0.00	21.27 0.41 0.00	20.33 0.44 0.00	23.26 0.47 0.00	22.15 0.29 0.00	25.80 0.25 0.00	24.93 0.12 0.00	22.92 0.14 0.00	21.82 0.14 0.00	20.96 0.08 0.00	20.56 0.19 0.00	19.70 0.09 0.00	21.63 0.18 0.00	24.54 0.18 0.00	24.52 0.45 0.00	25.92 0.45 0.00	21.81 0.41 0.00	24.61 -0.39 0.00	26.40 -0.27 0.00	22.63 -0.30 0.00
GREENIDGE___4 23583	19.93 0.39 0.00	18.56 0.38 0.00	17.40 0.40 0.00	16.08 0.29 0.00	18.09 0.33 0.00	21.26 0.41 0.00	20.33 0.44 0.00	23.25 0.46 0.00	22.15 0.29 0.00	25.80 0.25 0.00	24.94 0.12 0.00	22.92 0.13 0.00	21.82 0.13 0.00	20.95 0.07 0.00	20.57 0.19 0.00	19.71 0.09 -0.01	21.63 0.18 0.00	24.54 0.18 0.00	24.52 0.45 0.00	26.07 0.45 -0.14	21.81 0.41 0.00	24.61 -0.39 0.00	26.82 -0.27 -0.42	22.90 -0.30 -0.27
GREENLWN_69_KV_BK 3 55738	20.48 0.93 0.00	19.07 0.88 0.00	17.78 0.79 0.00	16.51 0.73 0.00	18.59 0.83 0.00	21.93 1.08 0.00	21.14 1.25 0.00	24.30 1.51 0.00	23.15 1.29 0.00	27.14 1.60 0.00	26.57 1.71 -0.04	24.22 1.44 0.00	23.67 1.41 -0.57	22.33 1.21 -0.24	21.82 1.07 -0.38	22.34 1.03 -1.70	23.40 1.26 -0.69	26.97 1.56 -1.06	29.56 2.03 -3.46	28.74 2.14 -1.13	24.50 1.75 -1.35	27.16 1.76 -0.39	28.62 1.55 -0.40	24.44 1.27 -0.25
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00
GRISSOM___SOLAR 323813	21.30 1.75 0.00	19.77 1.59 0.00	18.48 1.48 0.00	17.16 1.38 0.00	19.38 1.62 0.00	22.85 2.00 0.00	21.91 2.02 0.00	25.20 2.41 0.00	24.08 2.22 0.00	27.74 2.20 0.00	27.05 2.23 0.00	24.40 1.62 0.00	23.57 1.88 0.00	22.77 1.89 0.00	22.15 1.78 0.00	21.19 1.58 0.00	23.54 2.09 0.00	27.07 2.71 0.00	26.90 2.83 0.00	28.50 3.03 0.00	23.84 2.44 0.00	27.62 2.62 0.00	29.36 2.69 0.00	25.08 2.16 0.00
GROVEVILLE___HYD 323602	20.28 0.73 0.00	18.86 0.68 0.00	17.60 0.61 0.00	16.33 0.55 0.00	18.40 0.64 0.00	21.71 0.86 0.00	20.92 1.04 0.00	24.15 1.36 0.00	23.06 1.20 0.00	26.85 1.31 0.00	26.13 1.32 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.85 0.97 0.00	21.27 0.90 0.00	20.49 0.87 0.00	22.49 1.03 0.00	25.61 1.26 0.00	25.64 1.58 0.00	27.33 1.86 0.00	22.94 1.54 0.00	26.46 1.46 0.00	27.87 1.20 0.00	23.88 0.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	19.61 0.06 0.00	18.27 0.09 0.00	17.11 0.11 0.00	15.86 0.08 0.00	17.85 0.09 0.00	20.96 0.11 0.00	19.97 0.09 0.00	22.86 0.07 0.00	21.89 0.04 0.00	25.59 0.04 0.00	24.82 0.00 0.00	22.81 0.02 0.00	21.69 0.01 0.00	20.96 0.08 0.00	20.43 0.06 0.00	19.66 0.05 0.00	21.48 0.03 0.00	24.38 0.03 0.00	24.18 0.12 0.00	25.58 0.11 0.00	21.47 0.07 0.00	24.86 -0.14 0.00	26.64 -0.04 0.00	22.88 -0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.67 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00
HARDSCRABBLE_WT_PWR 323673	19.35 -0.20 0.00	17.96 -0.22 0.00	16.77 -0.23 0.00	15.50 -0.29 0.00	17.51 -0.25 0.00	20.67 -0.19 0.00	19.73 -0.16 0.00	22.77 -0.02 0.00	21.65 -0.21 0.00	25.05 -0.49 0.00	24.33 -0.49 0.00	22.27 -0.52 0.00	21.25 -0.44 0.00	20.37 -0.51 0.00	19.87 -0.50 0.00	19.18 -0.44 0.00	21.11 -0.34 0.00	24.08 -0.27 0.00	24.26 0.19 0.00	25.69 0.22 0.00	21.47 0.07 0.00	24.84 -0.17 0.00	26.08 -0.59 0.00	22.35 -0.58 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.21 0.66 0.00	18.79 0.61 0.00	17.53 0.54 0.00	16.28 0.49 0.00	18.35 0.59 0.00	21.65 0.80 0.00	20.85 0.96 0.00	24.09 1.30 0.00	23.02 1.16 0.00	26.89 1.35 0.00	26.16 1.34 0.00	23.97 1.18 0.00	22.79 1.11 0.00	21.86 0.98 0.00	21.29 0.91 0.00	20.50 0.88 0.00	22.49 1.04 0.00	25.63 1.28 0.00	25.65 1.58 0.00	27.33 1.85 0.00	22.93 1.53 0.00	26.44 1.43 0.00	27.89 1.22 0.00	23.90 0.97 0.00
HARSNRAD_115KV_TB1 81005	19.00 -0.55 0.00	17.72 -0.46 0.00	16.68 -0.32 0.00	15.40 -0.38 0.00	17.34 -0.42 0.00	20.18 -0.68 0.00	18.52 -1.36 0.00	21.10 -1.69 0.00	20.32 -1.54 0.00	24.24 -1.30 0.00	23.43 -1.39 0.00	21.49 -1.30 0.00	20.42 -1.27 0.00	19.83 -1.06 0.00	19.36 -1.01 0.00	18.52 -1.09 0.00	19.94 -1.51 0.00	22.69 -1.67 0.00	22.37 -1.70 0.00	23.24 -2.23 0.00	19.48 -1.92 0.00	22.57 -2.43 0.00	24.48 -2.19 0.00	21.37 -1.56 0.00
HARZA MOOSE___RIVER 24016	19.52 -0.02 0.00	18.01 -0.17 0.00	16.74 -0.25 0.00	15.64 -0.15 0.00	17.65 -0.11 0.00	20.64 -0.22 0.00	19.64 -0.25 0.00	22.57 -0.22 0.00	21.66 -0.20 0.00	25.43 -0.20 -0.09	24.68 -0.14 0.00	22.64 -0.15 0.00	21.46 -0.23 0.00	20.62 -0.26 0.00	20.19 -0.18 0.00	19.43 -0.18 0.00	21.33 -0.12 0.00	24.34 -0.02 0.00	24.06 0.00 0.00	25.45 -0.02 0.00	21.39 -0.01 0.00	25.03 0.03 0.00	26.87 0.19 0.00	23.03 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.44 -0.11 0.00	18.08 -0.10 0.00	16.94 -0.06 0.00	15.73 -0.06 0.00	17.68 -0.08 0.00	20.74 -0.11 0.00	19.75 -0.13 0.00	22.58 -0.21 0.00	21.63 -0.22 0.00	25.33 -0.21 0.00	24.59 -0.23 0.00	22.58 -0.21 0.00	21.46 -0.22 0.00	20.72 -0.16 0.00	20.22 -0.15 0.00	19.45 -0.16 0.00	21.23 -0.23 0.00	24.07 -0.28 0.00	23.81 -0.25 0.00	25.18 -0.29 0.00	21.14 -0.26 0.00	24.60 -0.41 0.00	26.41 -0.26 0.00	22.69 -0.23 0.00
HELLGATE_13_KV_LD 55870	20.36 0.81 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.40 0.62 0.00	18.48 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.05 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.36 0.81 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.40 0.62 0.00	18.48 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.14 0.00	20.71 1.10 0.00	22.73 1.28 0.00	25.89 1.54 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.39 0.00	24.05 1.12 0.00
HEMPSTEAD____ 23647	20.52 0.97 0.00	19.07 0.89 0.00	17.78 0.79 0.00	16.51 0.73 0.00	18.59 0.84 0.00	21.96 1.11 0.00	21.17 1.29 0.00	24.38 1.59 0.00	23.26 1.40 0.00	27.26 1.72 0.00	26.81 1.79 -0.20	24.32 1.53 0.00	25.64 1.49 -2.47	23.22 1.31 -1.03	23.18 1.19 -1.62	28.06 1.15 -7.30	25.81 1.40 -2.97	30.42 1.70 -4.37	40.23 2.13 -14.03	32.40 2.35 -4.57	28.80 1.93 -5.47	28.50 1.91 -1.59	30.02 1.68 -1.68	25.32 1.35 -1.04
HEWLETT__69_KV_BK3 55828	20.66 1.12 0.00	19.21 1.03 0.00	17.92 0.92 0.00	16.62 0.84 0.00	18.72 0.97 0.00	22.10 1.25 0.00	21.30 1.42 0.00	24.53 1.74 0.00	23.40 1.54 0.00	27.43 1.89 0.00	27.35 1.94 -0.59	24.47 1.68 -0.01	30.63 1.60 -7.35	25.36 1.43 -3.05	26.51 1.31 -4.83	42.59 1.26 -21.72	31.78 1.51 -8.83	40.27 1.81 -14.10	73.68 2.25 -47.37	43.30 2.39 -15.44	41.92 2.05 -18.48	32.71 2.08 -5.62	33.86 1.82 -5.37	27.76 1.49 -3.35
HICKLING___1 23621	19.68 0.13 0.00	18.31 0.13 0.00	17.16 0.16 0.00	15.85 0.06 0.00	17.82 0.07 0.00	20.95 0.09 0.00	19.95 0.06 0.00	22.93 0.13 0.00	21.80 -0.06 0.00	25.48 -0.07 0.00	24.63 -0.18 0.00	22.72 -0.07 0.00	21.64 -0.05 0.00	20.89 0.01 0.00	20.40 0.03 0.00	19.46 -0.15 0.00	21.32 -0.13 0.00	24.21 -0.15 0.00	24.12 0.05 0.00	25.48 0.01 0.00	21.42 0.02 0.00	24.51 -0.49 0.00	26.31 -0.36 0.00	22.48 -0.44 0.00
HICKLING___2 23622	19.68 0.13 0.00	18.31 0.13 0.00	17.16 0.16 0.00	15.85 0.06 0.00	17.82 0.07 0.00	20.95 0.09 0.00	19.95 0.06 0.00	22.93 0.13 0.00	21.80 -0.06 0.00	25.48 -0.07 0.00	24.63 -0.18 0.00	22.72 -0.07 0.00	21.64 -0.05 0.00	20.89 0.01 0.00	20.40 0.03 0.00	19.46 -0.15 0.00	21.32 -0.13 0.00	24.21 -0.15 0.00	24.12 0.05 0.00	25.48 0.01 0.00	21.42 0.02 0.00	24.51 -0.49 0.00	26.31 -0.36 0.00	22.48 -0.44 0.00
HIGH FALLS___HY 23754	20.32 0.77 0.00	18.90 0.72 0.00	17.64 0.65 0.00	16.38 0.59 0.00	18.44 0.69 0.00	21.79 0.93 0.00	21.01 1.12 0.00	24.28 1.49 0.00	23.24 1.38 0.00	27.02 1.48 0.00	26.35 1.53 0.00	24.01 1.23 0.00	22.80 1.12 0.00	21.90 1.02 0.00	21.30 0.93 0.00	20.51 0.90 0.00	22.54 1.09 0.00	25.79 1.44 0.00	25.89 1.82 0.00	27.63 2.16 0.00	23.19 1.79 0.00	26.70 1.69 0.00	28.16 1.49 0.00	24.09 1.17 0.00
HILLBURN___GT 23639	20.22 0.67 0.00	18.80 0.61 0.00	17.53 0.53 0.00	16.28 0.50 0.00	18.36 0.60 0.00	21.67 0.82 0.00	20.87 0.98 0.00	24.11 1.31 0.00	23.05 1.19 0.00	26.94 1.40 0.00	26.23 1.41 0.00	24.02 1.23 0.00	22.83 1.15 0.00	21.90 1.02 0.00	21.32 0.95 0.00	20.52 0.91 0.00	22.53 1.08 0.00	25.66 1.31 0.00	25.67 1.61 0.00	27.37 1.89 0.00	22.95 1.55 0.00	26.45 1.45 0.00	27.91 1.24 0.00	23.92 1.00 0.00
HILLSIDE_115KV_TB1 80332	19.44 -0.11 0.00	18.07 -0.11 0.00	16.92 -0.07 0.00	15.64 -0.14 0.00	17.62 -0.14 0.00	20.72 -0.14 0.00	19.69 -0.19 0.00	22.66 -0.13 0.00	21.58 -0.28 0.00	25.23 -0.32 0.00	24.41 -0.41 0.00	22.52 -0.27 0.00	21.42 -0.26 0.00	20.67 -0.21 0.00	20.16 -0.21 0.00	19.27 -0.34 0.00	21.09 -0.36 0.00	23.90 -0.46 0.00	23.80 -0.26 0.00	25.18 -0.30 0.00	21.18 -0.22 0.00	24.27 -0.74 0.00	26.08 -0.59 0.00	22.29 -0.63 0.00

HISHELDN_WT_PWR 323625	19.09 -0.46 0.00	17.80 -0.38 0.00	16.73 -0.27 0.00	15.37 -0.41 0.00	17.26 -0.50 0.00	20.11 -0.74 0.00	18.50 -1.39 0.00	21.11 -1.68 0.00	20.28 -1.58 0.00	24.10 -1.44 0.00	23.34 -1.48 0.00	21.40 -1.39 0.00	20.40 -1.28 0.00	19.82 -1.06 0.00	19.35 -1.03 0.00	18.48 -1.12 0.01	19.91 -1.54 0.00	22.68 -1.67 0.00	22.43 -1.63 0.00	23.13 -2.18 0.17	19.52 -1.88 0.00	22.63 -2.38 0.00	23.80 -2.16 0.71	20.86 -1.61 0.46
HOLTSVILLE_IC_1 23690	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
HOLTSVILLE_IC_10 23699	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.20 1.34 0.00	21.34 1.46 0.00	24.44 1.64 0.00	23.25 1.39 0.00	27.35 1.80 0.00	26.73 1.87 -0.04	24.23 1.44 0.00	23.68 1.49 -0.51	22.31 1.21 -0.21	21.78 1.07 -0.34	22.20 1.07 -1.51	23.42 1.35 -0.61	26.94 1.64 -0.95	29.48 2.31 -3.11	28.94 2.46 -1.01	24.63 2.02 -1.21	27.49 2.13 -0.35	28.93 1.91 -0.35	24.73 1.58 -0.22
HOLTSVILLE_IC_2 23691	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
HOLTSVILLE_IC_3 23692	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
HOLTSVILLE_IC_4 23693	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
HOLTSVILLE_IC_5 23694	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
HOLTSVILLE_IC_6 23695	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.20 1.34 0.00	21.34 1.46 0.00	24.44 1.64 0.00	23.25 1.39 0.00	27.35 1.80 0.00	26.73 1.87 -0.04	24.23 1.44 0.00	23.68 1.49 -0.51	22.31 1.21 -0.21	21.78 1.07 -0.34	22.20 1.07 -1.51	23.42 1.35 -0.61	26.94 1.64 -0.95	29.48 2.31 -3.11	28.94 2.46 -1.01	24.63 2.02 -1.21	27.49 2.13 -0.35	28.93 1.91 -0.35	24.73 1.58 -0.22
HOLTSVILLE_IC_7 23696	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.20 1.34 0.00	21.34 1.46 0.00	24.44 1.64 0.00	23.25 1.39 0.00	27.35 1.80 0.00	26.73 1.87 -0.04	24.23 1.44 0.00	23.68 1.49 -0.51	22.31 1.21 -0.21	21.78 1.07 -0.34	22.20 1.07 -1.51	23.42 1.35 -0.61	26.94 1.64 -0.95	29.48 2.31 -3.11	28.94 2.46 -1.01	24.63 2.02 -1.21	27.49 2.13 -0.35	28.93 1.91 -0.35	24.73 1.58 -0.22
HOLTSVILLE_IC_8 23697	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.20 1.34 0.00	21.34 1.46 0.00	24.44 1.64 0.00	23.25 1.39 0.00	27.35 1.80 0.00	26.73 1.87 -0.04	24.23 1.44 0.00	23.68 1.49 -0.51	22.31 1.21 -0.21	21.78 1.07 -0.34	22.20 1.07 -1.51	23.42 1.35 -0.61	26.94 1.64 -0.95	29.48 2.31 -3.11	28.94 2.46 -1.01	24.63 2.02 -1.21	27.49 2.13 -0.35	28.93 1.91 -0.35	24.73 1.58 -0.22
HOLTSVILLE_IC_9 23698	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.20 1.34 0.00	21.34 1.46 0.00	24.44 1.64 0.00	23.25 1.39 0.00	27.35 1.80 0.00	26.73 1.87 -0.04	24.23 1.44 0.00	23.68 1.49 -0.51	22.31 1.21 -0.21	21.78 1.07 -0.34	22.20 1.07 -1.51	23.42 1.35 -0.61	26.94 1.64 -0.95	29.48 2.31 -3.11	28.94 2.46 -1.01	24.63 2.02 -1.21	27.49 2.13 -0.35	28.93 1.91 -0.35	24.73 1.58 -0.22
HOMER_HL_115KV_TB2 355744	20.04 0.49 0.00	18.66 0.47 0.00	17.48 0.49 0.00	16.17 0.38 0.00	18.21 0.46 0.00	21.20 0.34 0.00	19.62 -0.27 0.00	22.60 -0.19 0.00	21.67 -0.19 0.00	25.97 0.43 0.00	25.45 0.63 0.00	23.46 0.67 0.00	22.30 0.62 0.00	21.53 0.65 0.00	20.98 0.61 0.00	20.03 0.42 0.00	21.62 0.17 0.00	24.42 0.07 0.00	24.04 -0.02 0.00	25.29 -0.18 0.00	21.15 -0.25 0.00	24.28 -0.72 0.00	26.33 -0.34 0.00	22.86 -0.06 0.00
HOWARD_WT_PWR 323690	19.53 -0.02 0.00	18.36 0.18 0.00	17.17 0.18 0.00	15.75 -0.03 0.00	17.73 -0.03 0.00	20.49 -0.37 0.00	19.72 -0.16 0.00	22.65 -0.14 0.00	21.28 -0.58 0.00	24.62 -0.92 0.00	23.80 -1.02 0.00	21.89 -0.90 0.00	20.99 -0.70 0.00	20.24 -0.64 0.00	19.89 -0.48 0.00	18.82 -0.80 -0.01	20.74 -0.70 0.00	23.70 -0.66 0.00	23.72 -0.34 0.00	25.12 -0.47 -0.12	21.10 -0.30 0.00	24.00 -1.01 0.00	26.18 -0.96 -0.47	22.35 -0.88 -0.30
HQ_GEN_CEDARS 23644	19.41 -0.13 0.00	18.03 -0.14 0.00	16.83 -0.17 0.00	15.63 -0.15 0.00	17.60 -0.16 0.00	20.66 -0.20 0.00	19.58 -0.31 0.00	22.32 -0.47 0.00	21.49 -0.36 0.00	25.36 -0.32 -0.14	24.51 -0.30 0.00	22.53 -0.26 0.00	21.44 -0.24 0.00	20.65 -0.23 0.00	20.21 -0.16 0.00	19.48 -0.13 0.00	21.25 -0.20 0.00	24.10 -0.26 0.00	23.55 -0.52 0.00	24.84 -0.64 0.00	20.86 -0.53 0.00	24.73 -0.28 0.00	26.53 -0.15 0.00	22.84 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	19.41 -0.13 0.00	18.04 -0.14 0.00	16.82 -0.17 0.00	15.63 -0.15 0.00	17.60 -0.16 0.00	20.66 -0.20 0.00	19.58 -0.31 0.00	22.32 -0.47 0.00	21.49 -0.36 0.00	25.36 -0.32 -0.14	24.51 -0.30 0.00	22.53 -0.26 0.00	21.44 -0.24 0.00	20.65 -0.23 0.00	20.21 -0.16 0.00	19.48 -0.13 0.00	21.25 -0.20 0.00	24.10 -0.26 0.00	23.55 -0.52 0.00	24.84 -0.64 0.00	20.86 -0.53 0.00	24.73 -0.28 0.00	26.53 -0.15 0.00	22.84 -0.08 0.00

HQ_GEN_IMPORT 323601	19.52 -0.04 0.00	18.15 -0.04 0.00	16.95 -0.05 0.00	15.74 -0.05 0.00	17.71 -0.05 0.00	20.79 -0.06 0.00	19.76 -0.13 0.00	22.55 -0.24 0.00	21.10 -0.15 0.61	26.60 -0.12 -1.18	24.71 -0.11 0.00	22.69 -0.09 0.00	21.60 -0.08 0.00	20.81 -0.06 0.00	20.33 -0.05 0.00	19.57 -0.04 0.00	26.61 -0.07 -5.23	24.25 -0.11 0.00	23.75 -0.31 0.00	25.06 -0.41 0.00	21.06 -0.34 0.00	24.87 -0.14 0.00	26.62 -0.05 0.00	22.91 -0.01 0.00
HQ_GEN_WHEEL 23651	19.52 -0.04 0.00	18.15 -0.04 0.00	16.95 -0.05 0.00	15.74 -0.05 0.00	17.71 -0.05 0.00	20.79 -0.06 0.00	19.76 -0.13 0.00	22.55 -0.24 0.00	21.10 -0.15 0.61	26.60 -0.12 -1.18	24.71 -0.11 0.00	22.69 -0.09 0.00	21.60 -0.08 0.00	20.81 -0.06 0.00	20.33 -0.05 0.00	19.57 -0.04 0.00	26.61 -0.07 -5.23	24.25 -0.11 0.00	23.75 -0.31 0.00	25.06 -0.41 0.00	21.06 -0.34 0.00	24.87 -0.14 0.00	26.62 -0.05 0.00	22.91 -0.01 0.00
HUDSON AVE_GT_3 23810	20.35 0.80 0.00	18.92 0.74 0.00	17.65 0.65 0.00	16.38 0.60 0.00	18.46 0.70 0.00	21.79 0.94 0.00	21.03 1.15 0.00	24.30 1.51 0.00	23.27 1.42 0.00	27.22 1.68 0.00	26.51 1.69 0.00	24.28 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.71 1.10 0.00	22.75 1.30 0.00	25.90 1.55 0.00	25.94 1.88 0.00	27.68 2.21 0.00	23.20 1.80 0.00	26.69 1.69 0.00	28.09 1.42 0.00	24.05 1.12 0.00
HUDSON AVE_GT_4 23540	20.35 0.80 0.00	18.92 0.74 0.00	17.65 0.65 0.00	16.38 0.60 0.00	18.46 0.70 0.00	21.79 0.94 0.00	21.03 1.15 0.00	24.30 1.51 0.00	23.27 1.42 0.00	27.22 1.68 0.00	26.51 1.69 0.00	24.28 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.71 1.10 0.00	22.75 1.30 0.00	25.90 1.55 0.00	25.94 1.88 0.00	27.68 2.21 0.00	23.20 1.80 0.00	26.69 1.69 0.00	28.09 1.42 0.00	24.05 1.12 0.00
HUDSON AVE_GT_5 23657	20.35 0.80 0.00	18.92 0.74 0.00	17.65 0.65 0.00	16.38 0.60 0.00	18.46 0.70 0.00	21.79 0.94 0.00	21.03 1.15 0.00	24.30 1.51 0.00	23.27 1.42 0.00	27.22 1.68 0.00	26.51 1.69 0.00	24.28 1.49 0.00	23.08 1.39 0.00	22.14 1.26 0.00	21.52 1.15 0.00	20.71 1.10 0.00	22.75 1.30 0.00	25.90 1.55 0.00	25.94 1.88 0.00	27.68 2.21 0.00	23.20 1.80 0.00	26.69 1.69 0.00	28.09 1.42 0.00	24.05 1.12 0.00
HUDSON_AVE_10 24168	20.28 0.73 0.00	18.86 0.68 0.00	17.60 0.61 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.75 0.89 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.23 1.38 0.00	27.18 1.63 0.00	26.44 1.62 0.00	24.22 1.44 0.00	23.03 1.35 0.00	22.09 1.21 0.00	21.48 1.11 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.85 1.49 0.00	25.89 1.83 0.00	27.65 2.18 0.00	23.16 1.76 0.00	26.65 1.64 0.00	28.03 1.36 0.00	24.00 1.08 0.00
HUDSON___115KV_TB 4 355613	20.28 0.74 0.00	18.85 0.67 0.00	17.62 0.63 0.00	16.37 0.58 0.00	18.44 0.68 0.00	21.74 0.88 0.00	20.86 0.97 0.00	24.02 1.23 0.00	22.83 0.97 0.00	26.44 0.90 0.00	25.58 0.76 0.00	23.43 0.64 0.00	22.27 0.59 0.00	21.43 0.55 0.00	20.91 0.54 0.00	20.16 0.55 0.00	22.20 0.75 0.00	25.39 1.03 0.00	25.36 1.29 0.00	26.95 1.48 0.00	22.62 1.22 0.00	26.23 1.23 0.00	27.66 0.99 0.00	23.75 0.83 0.00
HUNTER MOUNT___DRP 323613	20.41 0.86 0.00	18.97 0.78 0.00	17.73 0.74 0.00	16.47 0.69 0.00	18.56 0.80 0.00	21.89 1.03 0.00	20.98 1.10 0.00	24.16 1.37 0.00	22.93 1.07 0.00	26.54 1.00 0.00	25.58 0.77 0.00	23.43 0.64 0.00	22.27 0.59 0.00	21.45 0.56 0.00	20.95 0.58 0.00	20.19 0.58 0.00	22.28 0.83 0.00	25.53 1.18 0.00	25.50 1.43 0.00	27.09 1.62 0.00	22.72 1.32 0.00	26.37 1.36 0.00	27.79 1.12 0.00	23.86 0.94 0.00
HUNTINGTON_RES_REC 323705	20.56 1.02 0.00	19.15 0.97 0.00	17.85 0.85 0.00	16.57 0.78 0.00	18.65 0.89 0.00	22.01 1.15 0.00	21.20 1.32 0.00	24.34 1.55 0.00	23.17 1.31 0.00	27.18 1.64 0.00	26.59 1.73 -0.04	24.18 1.39 0.00	23.59 1.39 -0.52	22.27 1.17 -0.21	21.75 1.03 -0.34	22.15 1.00 -1.53	23.33 1.26 -0.62	26.88 1.57 -0.95	29.34 2.14 -3.14	28.75 2.26 -1.02	24.48 1.86 -1.23	27.26 1.90 -0.36	28.71 1.68 -0.36	24.53 1.38 -0.22
HUNTLEY___63 23557	19.19 -0.36 0.00	17.90 -0.28 0.00	16.85 -0.14 0.00	15.56 -0.22 0.00	17.52 -0.24 0.00	20.40 -0.46 0.00	18.74 -1.15 0.00	21.32 -1.47 0.00	20.53 -1.32 0.00	24.51 -1.04 0.00	23.68 -1.14 0.00	21.73 -1.06 0.00	20.65 -1.04 0.00	20.04 -0.84 0.00	19.57 -0.81 0.00	18.72 -0.89 0.00	20.15 -1.30 0.00	22.92 -1.44 0.00	22.59 -1.47 0.00	23.49 -1.99 0.00	19.68 -1.72 0.00	22.80 -2.20 0.00	24.74 -1.93 0.00	21.56 -1.36 0.00
HUNTLEY___64 23558	19.19 -0.36 0.00	17.90 -0.28 0.00	16.85 -0.14 0.00	15.56 -0.22 0.00	17.52 -0.24 0.00	20.40 -0.46 0.00	18.74 -1.15 0.00	21.32 -1.47 0.00	20.53 -1.32 0.00	24.51 -1.04 0.00	23.68 -1.14 0.00	21.73 -1.06 0.00	20.65 -1.04 0.00	20.04 -0.84 0.00	19.57 -0.81 0.00	18.72 -0.89 0.00	20.15 -1.30 0.00	22.92 -1.44 0.00	22.59 -1.47 0.00	23.49 -1.99 0.00	19.68 -1.72 0.00	22.80 -2.20 0.00	24.74 -1.93 0.00	21.56 -1.36 0.00
HUNTLEY___65 23559	19.19 -0.36 0.00	17.90 -0.28 0.00	16.85 -0.14 0.00	15.56 -0.22 0.00	17.52 -0.24 0.00	20.40 -0.46 0.00	18.74 -1.15 0.00	21.32 -1.47 0.00	20.53 -1.32 0.00	24.51 -1.04 0.00	23.68 -1.14 0.00	21.73 -1.06 0.00	20.65 -1.04 0.00	20.04 -0.84 0.00	19.57 -0.81 0.00	18.72 -0.89 0.00	20.15 -1.30 0.00	22.92 -1.44 0.00	22.59 -1.47 0.00	23.49 -1.99 0.00	19.68 -1.72 0.00	22.80 -2.20 0.00	24.74 -1.93 0.00	21.56 -1.36 0.00
HUNTLEY___66 23560	19.19 -0.36 0.00	17.90 -0.28 0.00	16.85 -0.14 0.00	15.56 -0.22 0.00	17.52 -0.24 0.00	20.40 -0.46 0.00	18.74 -1.15 0.00	21.32 -1.47 0.00	20.53 -1.32 0.00	24.51 -1.04 0.00	23.68 -1.14 0.00	21.73 -1.06 0.00	20.65 -1.04 0.00	20.04 -0.84 0.00	19.57 -0.81 0.00	18.72 -0.89 0.00	20.15 -1.30 0.00	22.92 -1.44 0.00	22.59 -1.47 0.00	23.49 -1.99 0.00	19.68 -1.72 0.00	22.80 -2.20 0.00	24.74 -1.93 0.00	21.56 -1.36 0.00
HUNTLEY___67 23561	19.07 -0.48 0.00	17.78 -0.40 0.00	16.73 -0.26 0.00	15.45 -0.33 0.00	17.39 -0.37 0.00	20.25 -0.61 0.00	18.61 -1.28 0.00	21.21 -1.58 0.00	20.42 -1.44 0.00	24.36 -1.18 0.00	23.56 -1.26 0.00	21.63 -1.16 0.00	20.55 -1.14 0.00	19.93 -0.94 0.00	19.46 -0.91 0.00	18.62 -0.99 0.00	20.05 -1.40 0.00	22.81 -1.54 0.00	22.48 -1.59 0.00	23.36 -2.11 0.00	19.58 -1.81 0.00	22.69 -2.31 0.00	24.62 -2.05 0.00	21.45 -1.47 0.00
HUNTLEY___68 23562	19.07 -0.48 0.00	17.78 -0.40 0.00	16.73 -0.26 0.00	15.45 -0.33 0.00	17.39 -0.37 0.00	20.25 -0.61 0.00	18.61 -1.28 0.00	21.21 -1.58 0.00	20.42 -1.44 0.00	24.36 -1.18 0.00	23.56 -1.26 0.00	21.63 -1.16 0.00	20.55 -1.14 0.00	19.93 -0.94 0.00	19.46 -0.91 0.00	18.62 -0.99 0.00	20.05 -1.40 0.00	22.81 -1.54 0.00	22.48 -1.59 0.00	23.36 -2.11 0.00	19.58 -1.81 0.00	22.69 -2.31 0.00	24.62 -2.05 0.00	21.45 -1.47 0.00



HYLAND___LFGE 323620	20.16 0.61 0.00	18.80 0.62 0.00	17.63 0.63 0.00	16.29 0.51 0.00	18.33 0.58 0.00	21.47 0.61 0.00	20.42 0.54 0.00	23.50 0.71 0.00	22.34 0.48 0.00	26.12 0.58 0.00	25.25 0.43 0.00	23.07 0.28 0.00	21.77 0.09 0.00	20.88 0.00 0.00	20.30 -0.07 0.00	19.42 -0.20 0.00	21.51 0.06 0.00	24.61 0.25 0.00	24.51 0.44 0.00	26.12 0.58 -0.07	21.94 0.54 0.00	25.19 0.19 0.00	27.21 0.27 -0.27	23.30 0.20 -0.17
INDECK___CORINTH 23802	20.09 0.54 0.00	18.66 0.48 0.00	17.42 0.42 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.91 1.12 0.00	22.77 0.91 0.00	26.21 0.67 0.00	25.52 0.70 0.00	23.45 0.66 0.00	22.28 0.59 0.00	21.36 0.48 0.00	20.80 0.43 0.00	20.10 0.49 0.00	22.16 0.71 0.00	25.33 0.98 0.00	25.28 1.22 0.00	26.82 1.34 0.00	22.55 1.15 0.00	26.07 1.07 0.00	27.39 0.72 0.00	23.47 0.55 0.00
INDECK___ILION 23567	19.52 -0.03 0.00	18.13 -0.05 0.00	16.94 -0.06 0.00	15.71 -0.07 0.00	17.71 -0.05 0.00	20.85 0.00 0.00	19.96 0.07 0.00	23.00 0.21 0.00	21.95 0.09 0.00	25.52 -0.02 0.00	24.79 -0.03 0.00	22.72 -0.07 0.00	21.64 -0.04 0.00	20.78 -0.10 0.00	20.27 -0.11 0.00	19.52 -0.09 0.00	21.43 -0.01 0.00	24.40 0.04 0.00	24.35 0.29 0.00	25.84 0.36 0.00	21.68 0.28 0.00	25.16 0.15 0.00	26.60 -0.07 0.00	22.81 -0.11 0.00
INDECK___OLEAN 23982	20.04 0.49 0.00	18.66 0.48 0.00	17.48 0.49 0.00	16.17 0.38 0.00	18.21 0.46 0.00	21.19 0.34 0.00	19.62 -0.27 0.00	22.60 -0.19 0.00	21.67 -0.19 0.00	25.97 0.43 0.00	25.45 0.63 0.00	23.46 0.67 0.00	22.30 0.62 0.00	21.53 0.65 0.00	20.98 0.61 0.00	20.02 0.43 0.01	21.63 0.17 0.00	24.42 0.07 0.00	24.04 -0.03 0.00	25.09 -0.18 0.20	21.15 -0.24 0.00	24.28 -0.73 0.00	25.50 -0.33 0.84	22.32 -0.06 0.54
INDECK___OSWEGO 23783	19.19 -0.35 0.00	17.86 -0.32 0.00	16.72 -0.27 0.00	15.54 -0.24 0.00	17.46 -0.30 0.00	20.46 -0.39 0.00	19.49 -0.40 0.00	22.28 -0.51 0.00	21.36 -0.50 0.00	24.99 -0.55 0.00	24.26 -0.55 0.00	22.28 -0.51 0.00	21.19 -0.50 0.00	20.44 -0.44 0.00	19.95 -0.42 0.00	19.20 -0.41 0.00	20.96 -0.48 0.00	23.81 -0.55 0.00	23.58 -0.49 0.00	24.95 -0.53 0.00	20.95 -0.45 0.00	24.38 -0.62 0.00	26.17 -0.50 0.00	22.49 -0.44 0.00
INDECK___YERKES 23781	19.20 -0.34 0.00	17.92 -0.26 0.00	16.87 -0.12 0.00	15.58 -0.20 0.00	17.54 -0.22 0.00	20.41 -0.44 0.00	18.76 -1.13 0.00	21.35 -1.44 0.00	20.56 -1.30 0.00	24.54 -1.01 0.00	23.71 -1.10 0.00	21.76 -1.03 0.00	20.67 -1.01 0.00	20.06 -0.82 0.00	19.59 -0.78 0.00	18.73 -0.87 0.01	20.17 -1.28 0.00	22.95 -1.41 0.00	22.61 -1.45 0.00	23.35 -1.96 0.16	19.70 -1.70 0.00	22.83 -2.18 0.00	24.10 -1.90 0.67	21.16 -1.33 0.43
INDIAN POINT_GT_1 24139	20.19 0.64 0.00	18.77 0.59 0.00	17.51 0.52 0.00	16.26 0.48 0.00	18.32 0.57 0.00	21.63 0.77 0.00	20.84 0.96 0.00	24.07 1.28 0.00	23.02 1.16 0.00	26.89 1.35 0.00	26.18 1.37 0.00	23.98 1.19 0.00	22.80 1.12 0.00	21.87 0.99 0.00	21.28 0.91 0.00	20.48 0.87 0.00	22.49 1.04 0.00	25.61 1.26 0.00	25.64 1.57 0.00	27.33 1.86 0.00	22.92 1.52 0.00	26.42 1.41 0.00	27.85 1.18 0.00	23.86 0.93 0.00
INDIAN POINT_GT_2 23659	20.19 0.64 0.00	18.77 0.59 0.00	17.51 0.52 0.00	16.26 0.48 0.00	18.32 0.57 0.00	21.63 0.77 0.00	20.84 0.96 0.00	24.07 1.28 0.00	23.02 1.16 0.00	26.89 1.35 0.00	26.18 1.37 0.00	23.98 1.19 0.00	22.80 1.12 0.00	21.87 0.99 0.00	21.28 0.91 0.00	20.48 0.87 0.00	22.49 1.04 0.00	25.61 1.26 0.00	25.64 1.57 0.00	27.33 1.86 0.00	22.92 1.52 0.00	26.42 1.41 0.00	27.85 1.18 0.00	23.86 0.93 0.00
INDIAN POINT_GT_3 24019	20.19 0.64 0.00	18.77 0.59 0.00	17.51 0.52 0.00	16.26 0.48 0.00	18.32 0.57 0.00	21.63 0.77 0.00	20.84 0.96 0.00	24.07 1.28 0.00	23.02 1.16 0.00	26.89 1.35 0.00	26.18 1.37 0.00	23.98 1.19 0.00	22.80 1.12 0.00	21.87 0.99 0.00	21.28 0.91 0.00	20.48 0.87 0.00	22.49 1.04 0.00	25.61 1.26 0.00	25.64 1.57 0.00	27.33 1.86 0.00	22.92 1.52 0.00	26.42 1.41 0.00	27.85 1.18 0.00	23.86 0.93 0.00
INDIAN POINT___2 23530	20.18 0.63 0.00	18.76 0.58 0.00	17.50 0.51 0.00	16.25 0.47 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.83 0.94 0.00	24.06 1.27 0.00	23.00 1.14 0.00	26.88 1.34 0.00	26.17 1.35 0.00	23.97 1.18 0.00	22.78 1.10 0.00	21.86 0.98 0.00	21.27 0.90 0.00	20.48 0.86 0.00	22.47 1.02 0.00	25.60 1.25 0.00	25.62 1.56 0.00	27.31 1.83 0.00	22.90 1.50 0.00	26.40 1.39 0.00	27.83 1.16 0.00	23.85 0.93 0.00
INDIAN POINT___3 23531	20.18 0.63 0.00	18.76 0.58 0.00	17.51 0.51 0.00	16.26 0.48 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.83 0.94 0.00	24.05 1.26 0.00	22.99 1.14 0.00	26.87 1.33 0.00	26.16 1.34 0.00	23.96 1.17 0.00	22.78 1.10 0.00	21.85 0.97 0.00	21.26 0.89 0.00	20.48 0.86 0.00	22.47 1.02 0.00	25.59 1.23 0.00	25.61 1.54 0.00	27.29 1.82 0.00	22.89 1.49 0.00	26.39 1.39 0.00	27.82 1.15 0.00	23.84 0.92 0.00
INGHAM_C_115KV_TB7 356103	19.34 -0.21 0.00	17.96 -0.22 0.00	16.76 -0.23 0.00	15.51 -0.27 0.00	17.52 -0.24 0.00	20.71 -0.15 0.00	19.87 -0.02 0.00	22.98 0.19 0.00	21.80 -0.05 0.00	25.19 -0.36 0.00	24.47 -0.35 0.00	22.37 -0.42 0.00	21.34 -0.34 0.00	20.43 -0.45 0.00	19.91 -0.46 0.00	19.21 -0.40 0.00	21.18 -0.27 0.00	24.16 -0.20 0.00	24.36 0.29 0.00	25.89 0.42 0.00	21.69 0.29 0.00	25.05 0.04 0.00	26.24 -0.44 0.00	22.43 -0.50 0.00
IP CORINTH___1 23988	20.09 0.54 0.00	18.66 0.48 0.00	17.42 0.42 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.91 1.12 0.00	22.77 0.91 0.00	26.21 0.67 0.00	25.52 0.70 0.00	23.45 0.67 0.00	22.28 0.59 0.00	21.36 0.48 0.00	20.80 0.43 0.00	20.10 0.49 0.00	22.16 0.71 0.00	25.33 0.98 0.00	25.28 1.22 0.00	26.82 1.35 0.00	22.55 1.15 0.00	26.08 1.07 0.00	27.39 0.72 0.00	23.47 0.55 0.00
IP___TICONDEROGA 23804	20.64 1.09 0.00	19.16 0.97 0.00	17.82 0.83 0.00	16.60 0.82 0.00	18.72 0.96 0.00	22.29 1.43 0.00	21.64 1.75 0.00	24.89 2.10 0.00	23.60 1.74 0.00	26.95 1.41 0.00	26.27 1.45 0.00	24.13 1.34 0.00	22.85 1.17 0.00	21.82 0.94 0.00	21.35 0.98 0.00	20.75 1.14 0.00	22.96 1.51 0.00	26.45 2.10 0.00	26.49 2.43 0.00	28.05 2.58 0.00	23.70 2.30 0.00	27.22 2.21 0.00	28.25 1.58 0.00	24.19 1.26 0.00
ISLIP_RES_REC 323679	20.82 1.27 0.00	19.38 1.20 0.00	18.05 1.06 0.00	16.75 0.96 0.00	18.86 1.10 0.00	22.26 1.41 0.00	21.42 1.54 0.00	24.55 1.75 0.00	23.34 1.48 0.00	27.45 1.91 0.00	26.81 1.95 -0.04	24.30 1.51 0.00	23.79 1.57 -0.54	22.39 1.29 -0.22	21.87 1.14 -0.35	22.35 1.15 -1.59	23.53 1.44 -0.65	27.09 1.74 -0.99	29.74 2.42 -3.25	29.12 2.59 -1.06	24.79 2.12 -1.27	27.62 2.25 -0.37	29.06 2.02 -0.37	24.83 1.67 -0.23

JAMAICA__27_KV_LOAD 355505	20.43 0.89 0.00	19.02 0.84 0.00	17.76 0.77 0.00	16.51 0.73 0.00	18.61 0.85 0.00	21.92 1.06 0.00	21.16 1.28 0.00	24.44 1.65 0.00	23.41 1.55 0.00	27.38 1.83 0.00	26.59 1.77 0.00	24.37 1.58 0.00	23.18 1.49 0.00	22.24 1.36 0.00	21.64 1.26 0.00	20.80 1.19 0.00	22.85 1.40 0.00	26.03 1.68 0.00	26.09 2.03 0.00	27.92 2.44 0.00	23.38 1.98 0.00	26.88 1.88 0.00	28.25 1.58 0.00	24.19 1.27 0.00
JANIS__SOLAR 323808	20.43 0.88 0.00	18.92 0.73 0.00	17.77 0.78 0.00	16.43 0.64 0.00	18.52 0.76 0.00	21.78 0.92 0.00	20.77 0.89 0.00	23.88 1.09 0.00	22.76 0.91 0.00	26.50 0.95 0.00	25.70 0.88 0.00	23.64 0.85 0.00	22.59 0.90 0.00	21.78 0.90 0.00	21.08 0.71 0.00	20.26 0.65 0.00	22.30 0.85 0.00	25.40 1.04 0.00	25.33 1.26 0.00	26.93 1.43 -0.03	22.55 1.15 0.00	26.01 1.01 0.00	27.70 1.04 0.00	23.75 0.82 0.00
JARVIS____ 23743	19.55 0.00 0.00	18.18 0.00 0.00	16.99 0.00 0.00	15.78 0.00 0.00	17.75 0.00 0.00	20.86 0.00 0.00	19.93 0.04 0.00	22.90 0.11 0.00	21.94 0.08 0.00	25.60 0.06 0.00	24.87 0.06 0.00	22.83 0.05 0.00	21.73 0.04 0.00	20.90 0.02 0.00	20.39 0.02 0.00	19.63 0.02 0.00	21.49 0.04 0.00	24.43 0.07 0.00	24.22 0.15 0.00	25.67 0.19 0.00	21.57 0.16 0.00	25.12 0.12 0.00	26.72 0.05 0.00	22.95 0.02 0.00
JENNISON____1 23625	20.45 0.90 0.00	18.85 0.67 0.00	17.76 0.76 0.00	16.28 0.50 0.00	18.45 0.69 0.00	21.75 0.89 0.00	20.61 0.73 0.00	23.76 0.97 0.00	22.62 0.76 0.00	26.29 0.74 0.00	25.54 0.72 0.00	23.48 0.69 0.00	22.53 0.84 0.00	21.69 0.81 0.00	21.09 0.72 0.00	20.22 0.61 0.00	22.21 0.76 0.00	25.31 0.96 0.00	25.27 1.21 0.00	26.86 1.39 0.00	22.52 1.12 0.00	25.90 0.90 0.00	27.48 0.81 0.00	23.67 0.74 0.00
JENNISON____2 23626	20.45 0.90 0.00	18.85 0.67 0.00	17.76 0.76 0.00	16.28 0.50 0.00	18.45 0.69 0.00	21.75 0.89 0.00	20.61 0.73 0.00	23.76 0.97 0.00	22.62 0.76 0.00	26.29 0.74 0.00	25.54 0.72 0.00	23.48 0.69 0.00	22.53 0.84 0.00	21.69 0.81 0.00	21.09 0.72 0.00	20.22 0.61 0.00	22.21 0.76 0.00	25.31 0.96 0.00	25.27 1.21 0.00	26.86 1.39 0.00	22.52 1.12 0.00	25.90 0.90 0.00	27.48 0.81 0.00	23.67 0.74 0.00
JERICOHO_RISE_WT_PWR 323719	18.91 -0.63 0.00	17.57 -0.61 0.00	16.22 -0.78 0.00	15.06 -0.72 0.00	17.06 -0.70 0.00	20.15 -0.70 0.00	19.11 -0.77 0.00	21.91 -0.89 0.00	20.97 -0.88 0.00	21.05 -1.08 3.41	23.84 -0.98 0.00	22.01 -0.78 0.00	21.05 -0.63 0.00	20.27 -0.61 0.00	19.92 -0.45 0.00	19.33 -0.28 0.00	21.16 -0.29 0.00	23.89 -0.46 0.00	23.24 -0.82 0.00	24.20 -1.27 0.00	20.44 -0.96 0.00	24.23 -0.78 0.00	26.09 -0.59 0.00	22.48 -0.44 0.00
KATONAH__115KV_46KV_TB4 355592	20.25 0.71 0.00	18.83 0.65 0.00	17.57 0.57 0.00	16.31 0.53 0.00	18.38 0.62 0.00	21.69 0.83 0.00	20.92 1.03 0.00	24.15 1.36 0.00	23.08 1.22 0.00	26.94 1.40 0.00	26.23 1.41 0.00	24.04 1.25 0.00	22.85 1.17 0.00	21.92 1.04 0.00	21.32 0.95 0.00	20.53 0.92 0.00	22.53 1.07 0.00	25.67 1.31 0.00	25.69 1.63 0.00	27.38 1.91 0.00	22.99 1.59 0.00	26.49 1.49 0.00	27.90 1.23 0.00	23.89 0.96 0.00
KCE_NY_1 323755	20.12 0.57 0.00	18.69 0.50 0.00	17.45 0.45 0.00	16.21 0.43 0.00	18.27 0.51 0.00	21.55 0.69 0.00	20.72 0.84 0.00	23.84 1.05 0.00	22.69 0.83 0.00	26.26 0.72 0.00	25.55 0.73 0.00	23.46 0.68 0.00	22.33 0.64 0.00	21.45 0.57 0.00	20.85 0.47 0.00	20.12 0.51 0.00	22.14 0.69 0.00	25.25 0.89 0.00	25.17 1.10 0.00	26.72 1.24 0.00	22.45 1.05 0.00	25.99 0.99 0.00	27.42 0.75 0.00	23.52 0.59 0.00
KCE_NY_6_ESR 323823	19.34 -0.21 0.00	18.01 -0.17 0.00	16.94 -0.06 0.00	15.63 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.58 -1.22 0.00	20.74 -1.12 0.00	24.73 -0.81 0.00	23.93 -0.89 0.00	21.95 -0.84 0.00	20.86 -0.82 0.00	20.24 -0.63 0.00	19.77 -0.60 0.00	18.91 -0.70 0.01	20.37 -1.08 0.00	23.18 -1.18 0.00	22.84 -1.22 0.00	23.58 -1.71 0.18	19.91 -1.49 0.00	23.07 -1.93 0.00	24.27 -1.65 0.74	21.28 -1.17 0.48
KEDC_PORT_JEFF_GT2 24210	20.75 1.20 0.00	19.31 1.13 0.00	17.99 0.99 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.17 1.32 0.00	21.32 1.44 0.00	24.43 1.64 0.00	23.24 1.38 0.00	27.33 1.78 0.00	26.71 1.85 -0.04	24.22 1.43 0.00	23.66 1.48 -0.50	22.29 1.21 -0.21	21.76 1.06 -0.33	22.14 1.06 -1.48	23.39 1.34 -0.60	26.91 1.63 -0.92	29.40 2.29 -3.03	28.90 2.43 -0.99	24.58 2.00 -1.18	27.46 2.11 -0.35	28.89 1.88 -0.35	24.70 1.56 -0.21
KEDC_PORT_JEFF_GT3 24211	20.75 1.20 0.00	19.31 1.13 0.00	17.99 0.99 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.17 1.32 0.00	21.32 1.44 0.00	24.43 1.64 0.00	23.24 1.38 0.00	27.33 1.78 0.00	26.71 1.85 -0.04	24.22 1.43 0.00	23.66 1.48 -0.50	22.29 1.21 -0.21	21.76 1.06 -0.33	22.14 1.06 -1.48	23.39 1.34 -0.60	26.91 1.63 -0.92	29.40 2.29 -3.03	28.90 2.43 -0.99	24.58 2.00 -1.18	27.46 2.11 -0.35	28.89 1.88 -0.35	24.70 1.56 -0.21
KEDC_GLWD_GT4 24219	20.61 1.07 0.00	19.16 0.98 0.00	17.86 0.86 0.00	16.58 0.80 0.00	18.68 0.92 0.00	22.05 1.20 0.00	21.27 1.38 0.00	24.50 1.71 0.00	23.38 1.53 0.00	27.45 1.90 0.00	26.97 1.97 -0.18	24.49 1.70 0.00	25.62 1.66 -2.27	23.30 1.48 -0.94	23.21 1.35 -1.49	27.63 1.30 -6.71	25.73 1.55 -2.73	30.34 1.86 -4.12	39.78 2.30 -13.42	32.37 2.53 -4.37	28.69 2.07 -5.23	28.45 2.03 -1.41	29.92 1.80 -1.45	25.29 1.46 -0.90
KEDC_GLWD_GT5 24220	20.61 1.07 0.00	19.16 0.98 0.00	17.86 0.86 0.00	16.58 0.80 0.00	18.68 0.92 0.00	22.05 1.20 0.00	21.27 1.38 0.00	24.50 1.71 0.00	23.38 1.53 0.00	27.45 1.90 0.00	26.97 1.97 -0.18	24.49 1.70 0.00	25.62 1.66 -2.27	23.30 1.48 -0.94	23.21 1.35 -1.49	27.63 1.30 -6.71	25.73 1.55 -2.73	30.34 1.86 -4.12	39.78 2.30 -13.42	32.37 2.53 -4.37	28.69 2.07 -5.23	28.45 2.03 -1.41	29.92 1.80 -1.45	25.29 1.46 -0.90
KENSICO____ 23655	20.23 0.68 0.00	18.81 0.63 0.00	17.56 0.56 0.00	16.30 0.52 0.00	18.36 0.60 0.00	21.67 0.82 0.00	20.89 1.01 0.00	24.14 1.35 0.00	23.08 1.22 0.00	26.97 1.43 0.00	26.26 1.44 0.00	24.05 1.26 0.00	22.87 1.19 0.00	21.94 1.06 0.00	21.34 0.97 0.00	20.54 0.93 0.00	22.55 1.10 0.00	25.68 1.33 0.00	25.71 1.65 0.00	27.41 1.93 0.00	22.98 1.58 0.00	26.49 1.48 0.00	27.90 1.23 0.00	23.90 0.98 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.37 0.82 0.00	18.95 0.77 0.00	17.69 0.70 0.00	16.42 0.64 0.00	18.50 0.74 0.00	21.85 0.99 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.25 1.39 0.00	27.08 1.54 0.00	26.39 1.57 0.00	24.07 1.28 0.00	22.86 1.17 0.00	21.93 1.05 0.00	21.35 0.98 0.00	20.56 0.94 0.00	22.61 1.16 0.00	25.88 1.52 0.00	25.97 1.90 0.00	27.72 2.25 0.00	23.25 1.86 0.00	26.79 1.78 0.00	28.24 1.57 0.00	24.17 1.24 0.00

KLAC_JFK_GT1 23816	20.37 0.82 0.00	18.96 0.78 0.00	17.70 0.71 0.00	16.46 0.68 0.00	18.55 0.79 0.00	21.84 0.98 0.00	21.09 1.20 0.00	24.35 1.56 0.00	23.33 1.47 0.00	27.28 1.74 0.00	26.50 1.68 0.00	24.29 1.51 0.00	23.10 1.42 0.00	22.17 1.29 0.00	21.56 1.19 0.00	20.73 1.12 0.00	22.77 1.32 0.00	25.94 1.58 0.00	25.99 1.93 0.00	27.81 2.34 0.00	23.28 1.88 0.00	26.78 1.77 0.00	28.15 1.48 0.00	24.11 1.18 0.00
KIAC_JFK_GT2 23817	20.37 0.82 0.00	18.96 0.78 0.00	17.70 0.71 0.00	16.46 0.68 0.00	18.55 0.79 0.00	21.84 0.98 0.00	21.09 1.20 0.00	24.35 1.56 0.00	23.33 1.47 0.00	27.28 1.74 0.00	26.50 1.68 0.00	24.29 1.51 0.00	23.10 1.42 0.00	22.17 1.29 0.00	21.56 1.19 0.00	20.73 1.12 0.00	22.77 1.32 0.00	25.94 1.58 0.00	25.99 1.93 0.00	27.81 2.34 0.00	23.28 1.88 0.00	26.78 1.77 0.00	28.15 1.48 0.00	24.11 1.18 0.00
KIAC_JFK____ 323774	20.37 0.82 0.00	18.96 0.78 0.00	17.70 0.70 0.00	16.46 0.68 0.00	18.55 0.79 0.00	21.84 0.99 0.00	21.09 1.21 0.00	24.35 1.56 0.00	23.33 1.47 0.00	27.28 1.74 0.00	26.50 1.68 0.00	24.29 1.50 0.00	23.10 1.42 0.00	22.17 1.29 0.00	21.56 1.19 0.00	20.73 1.12 0.00	22.77 1.32 0.00	25.94 1.58 0.00	26.00 1.94 0.00	27.81 2.34 0.00	23.28 1.88 0.00	26.78 1.77 0.00	28.15 1.48 0.00	24.11 1.18 0.00
KINTIGH____ 23543	18.96 -0.58 0.00	17.68 -0.50 0.00	16.62 -0.37 0.00	15.38 -0.41 0.00	17.30 -0.45 0.00	20.16 -0.69 0.00	18.65 -1.23 0.00	21.28 -1.51 0.00	20.47 -1.38 0.00	24.36 -1.18 0.00	23.60 -1.21 0.00	21.68 -1.11 0.00	20.60 -1.08 0.00	19.96 -0.92 0.00	19.48 -0.89 0.00	18.65 -0.96 0.00	20.13 -1.31 0.00	22.88 -1.48 0.00	22.56 -1.51 0.00	23.53 -1.94 0.00	19.73 -1.67 0.00	22.85 -2.15 0.00	24.74 -1.93 0.00	21.50 -1.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.18 -0.37 0.00	17.81 -0.37 0.00	16.44 -0.56 0.00	15.28 -0.50 0.00	17.31 -0.45 0.00	20.49 -0.37 0.00	19.46 -0.42 0.00	22.36 -0.43 0.00	21.38 -0.48 0.00	21.63 -0.68 3.23	24.25 -0.56 0.00	22.40 -0.39 0.00	21.43 -0.26 0.00	20.61 -0.27 0.00	20.26 -0.11 0.00	19.69 0.08 0.00	21.57 0.12 0.00	24.36 0.01 0.00	23.73 -0.34 0.00	24.66 -0.81 0.00	20.86 -0.53 0.00	24.62 -0.39 0.00	26.50 -0.18 0.00	22.82 -0.11 0.00
LACHUTE__HYDRO 323717	20.64 1.09 0.00	19.16 0.97 0.00	17.82 0.83 0.00	16.60 0.82 0.00	18.72 0.96 0.00	22.29 1.43 0.00	21.64 1.75 0.00	24.89 2.10 0.00	23.60 1.74 0.00	26.95 1.41 0.00	26.27 1.45 0.00	24.13 1.34 0.00	22.85 1.17 0.00	21.82 0.94 0.00	21.35 0.98 0.00	20.75 1.14 0.00	22.96 1.51 0.00	26.45 2.10 0.00	26.49 2.43 0.00	28.05 2.58 0.00	23.69 2.30 0.00	27.22 2.21 0.00	28.25 1.58 0.00	24.18 1.26 0.00
LAWRNCV_115KV_TB1 80681	18.99 -0.55 0.00	17.62 -0.57 0.00	16.41 -0.59 0.00	15.25 -0.53 0.00	17.19 -0.57 0.00	20.19 -0.66 0.00	19.15 -0.74 0.00	21.86 -0.93 0.00	21.03 -0.83 0.00	25.08 -0.87 -0.41	23.98 -0.84 0.00	22.03 -0.76 0.00	20.96 -0.72 0.00	20.17 -0.71 0.00	19.77 -0.60 0.00	19.07 -0.54 0.00	20.83 -0.62 0.00	23.63 -0.72 0.00	23.09 -0.98 0.00	24.32 -1.15 0.00	20.45 -0.95 0.00	24.25 -0.75 0.00	26.04 -0.63 0.00	22.41 -0.51 0.00
LEDERLE____ 23769	20.28 0.73 0.00	18.85 0.67 0.00	17.59 0.59 0.00	16.33 0.55 0.00	18.41 0.66 0.00	21.73 0.88 0.00	20.93 1.05 0.00	24.18 1.39 0.00	23.11 1.25 0.00	27.02 1.47 0.00	26.30 1.49 0.00	24.09 1.30 0.00	22.90 1.22 0.00	21.96 1.08 0.00	21.38 1.01 0.00	20.58 0.97 0.00	22.60 1.15 0.00	25.74 1.39 0.00	25.76 1.69 0.00	27.45 1.98 0.00	23.02 1.62 0.00	26.53 1.53 0.00	27.99 1.33 0.00	23.98 1.06 0.00
LIGHTHSE_115KV_TB6 355974	19.19 -0.36 0.00	17.77 -0.41 0.00	16.62 -0.38 0.00	15.45 -0.33 0.00	17.39 -0.36 0.00	20.37 -0.49 0.00	19.36 -0.53 0.00	22.17 -0.62 0.00	21.24 -0.62 0.00	24.90 -0.64 0.00	24.19 -0.63 0.00	22.18 -0.61 0.00	21.06 -0.63 0.00	20.30 -0.58 0.00	19.84 -0.53 0.00	19.13 -0.49 0.00	20.90 -0.55 0.00	23.76 -0.59 0.00	23.52 -0.54 0.00	24.87 -0.60 0.00	20.90 -0.50 0.00	24.39 -0.61 0.00	26.27 -0.40 0.00	22.56 -0.37 0.00
LINDEN COGEN____ 23786	20.17 0.62 0.00	18.75 0.57 0.00	17.49 0.50 0.00	16.26 0.48 0.00	18.31 0.55 0.00	21.63 0.77 0.00	20.87 0.99 0.00	24.12 1.33 0.00	23.09 1.23 0.00	27.00 1.46 0.00	26.30 1.48 0.00	24.07 1.29 0.00	22.88 1.20 0.00	21.95 1.07 0.00	21.34 0.96 0.00	20.54 0.93 0.00	22.56 1.11 0.00	25.69 1.33 0.00	25.73 1.67 0.00	27.47 2.00 0.00	23.01 1.61 0.00	26.47 1.47 0.00	27.86 1.19 0.00	23.87 0.94 0.00
LINDHRST_69_KV_BK1 356055	20.72 1.17 0.00	19.26 1.08 0.00	17.96 0.96 0.00	16.66 0.88 0.00	18.76 1.00 0.00	22.15 1.29 0.00	21.35 1.47 0.00	24.55 1.76 0.00	23.40 1.54 0.00	27.43 1.88 0.00	26.84 1.93 -0.09	24.40 1.61 0.00	24.44 1.59 -1.17	22.74 1.38 -0.49	22.39 1.26 -0.77	24.29 1.23 -3.45	24.37 1.52 -1.40	28.32 1.85 -2.11	33.26 2.36 -6.85	30.28 2.58 -2.23	26.20 2.14 -2.67	27.98 2.19 -0.79	29.45 1.96 -0.81	25.02 1.59 -0.51
LIPA_MISC_IPP 23656	20.76 1.22 0.00	19.33 1.15 0.00	18.01 1.02 0.00	16.71 0.93 0.00	18.82 1.06 0.00	22.19 1.33 0.00	21.30 1.41 0.00	24.28 1.49 0.00	23.07 1.21 0.00	27.21 1.66 0.00	26.62 1.76 -0.04	24.05 1.26 0.00	23.51 1.35 -0.48	22.10 1.02 -0.20	21.55 0.86 -0.32	21.92 0.88 -1.42	23.20 1.17 -0.58	26.67 1.42 -0.89	29.18 2.19 -2.93	28.70 2.27 -0.96	24.41 1.86 -1.14	27.35 2.01 -0.33	28.76 1.75 -0.33	24.63 1.49 -0.21
LISF__SOLAR 323691	20.79 1.25 0.00	19.37 1.19 0.00	18.04 1.04 0.00	16.74 0.95 0.00	18.84 1.09 0.00	22.23 1.37 0.00	21.34 1.45 0.00	24.32 1.53 0.00	23.10 1.24 0.00	27.23 1.69 0.00	26.63 1.77 -0.04	24.05 1.26 0.00	23.53 1.35 -0.49	22.11 1.02 -0.20	21.56 0.87 -0.32	21.94 0.89 -1.44	23.22 1.18 -0.59	26.71 1.45 -0.90	29.28 2.24 -2.97	28.77 2.33 -0.97	24.47 1.91 -1.16	27.41 2.07 -0.34	28.82 1.81 -0.34	24.68 1.54 -0.21
LITTLE FALLS__HYD 24013	19.34 -0.21 0.00	17.96 -0.22 0.00	16.76 -0.23 0.00	15.51 -0.27 0.00	17.52 -0.24 0.00	20.71 -0.15 0.00	19.87 -0.02 0.00	22.98 0.19 0.00	21.80 -0.05 0.00	25.19 -0.36 0.00	24.47 -0.35 0.00	22.37 -0.42 0.00	21.34 -0.34 0.00	20.43 -0.45 0.00	19.91 -0.46 0.00	19.21 -0.40 0.00	21.18 -0.27 0.00	24.16 -0.20 0.00	24.36 0.29 0.00	25.89 0.42 0.00	21.69 0.29 0.00	25.05 0.04 0.00	26.24 -0.44 0.00	22.43 -0.50 0.00
LITTLRIV_115KV_TB1 356100	19.25 -0.30 0.00	17.86 -0.32 0.00	16.63 -0.36 0.00	15.47 -0.32 0.00	17.43 -0.32 0.00	20.49 -0.36 0.00	19.45 -0.43 0.00	22.23 -0.57 0.00	21.36 -0.50 0.00	25.51 -0.48 -0.45	24.35 -0.47 0.00	22.34 -0.45 0.00	21.24 -0.45 0.00	20.41 -0.46 0.00	20.04 -0.33 0.00	19.36 -0.26 0.00	21.13 -0.32 0.00	23.99 -0.36 0.00	23.43 -0.64 0.00	24.71 -0.76 0.00	20.75 -0.64 0.00	24.62 -0.39 0.00	26.41 -0.26 0.00	22.72 -0.20 0.00

LI_NEWBRDGE___DRP 323616	20.42 0.87 0.00	19.00 0.81 0.00	17.71 0.72 0.00	16.44 0.66 0.00	18.51 0.75 0.00	21.85 0.99 0.00	21.06 1.18 0.00	24.24 1.45 0.00	23.13 1.27 0.00	27.09 1.55 0.00	26.45 1.63 0.00	24.17 1.38 0.00	23.04 1.35 0.00	22.05 1.17 0.00	21.42 1.05 0.00	20.63 1.02 0.00	22.69 1.24 0.00	26.04 1.51 -0.17	26.88 1.94 -0.88	27.89 2.13 -0.29	23.51 1.76 -0.34	26.84 1.75 -0.08	28.19 1.52 0.00	24.16 1.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.01 -0.54 0.00	17.72 -0.46 0.00	16.68 -0.31 0.00	15.42 -0.37 0.00	17.35 -0.41 0.00	20.19 -0.67 0.00	18.55 -1.34 0.00	21.12 -1.67 0.00	20.34 -1.52 0.00	24.26 -1.28 0.00	23.44 -1.38 0.00	21.50 -1.29 0.00	20.42 -1.26 0.00	19.84 -1.04 0.00	19.38 -1.00 0.00	18.54 -1.07 0.00	19.95 -1.50 0.00	22.71 -1.64 0.00	22.39 -1.67 0.00	23.27 -2.20 0.00	19.51 -1.89 0.00	22.60 -2.41 0.00	24.51 -2.16 0.00	21.39 -1.54 0.00
LOCKPORT___CC1 323769	19.00 -0.55 0.00	17.72 -0.46 0.00	16.68 -0.31 0.00	15.40 -0.38 0.00	17.34 -0.42 0.00	20.17 -0.69 0.00	18.52 -1.36 0.00	21.10 -1.69 0.00	20.32 -1.54 0.00	24.25 -1.29 0.00	23.43 -1.39 0.00	21.49 -1.30 0.00	20.42 -1.27 0.00	19.83 -1.06 0.00	19.36 -1.01 0.00	18.51 -1.09 0.01	19.94 -1.51 0.00	22.69 -1.67 0.00	22.36 -1.70 0.00	23.09 -2.23 0.15	19.48 -1.92 0.00	22.57 -2.43 0.00	23.88 -2.18 0.61	20.98 -1.55 0.40
LOCKPORT___CC2 323770	19.00 -0.55 0.00	17.72 -0.46 0.00	16.68 -0.31 0.00	15.40 -0.38 0.00	17.34 -0.42 0.00	20.17 -0.69 0.00	18.52 -1.36 0.00	21.10 -1.69 0.00	20.32 -1.54 0.00	24.25 -1.29 0.00	23.43 -1.39 0.00	21.49 -1.30 0.00	20.42 -1.27 0.00	19.83 -1.06 0.00	19.36 -1.01 0.00	18.51 -1.09 0.01	19.94 -1.51 0.00	22.69 -1.67 0.00	22.36 -1.70 0.00	23.09 -2.23 0.15	19.48 -1.92 0.00	22.57 -2.43 0.00	23.88 -2.18 0.61	20.98 -1.55 0.40
LOCKPORT___CC3 323771	19.00 -0.55 0.00	17.72 -0.46 0.00	16.68 -0.31 0.00	15.40 -0.38 0.00	17.34 -0.42 0.00	20.17 -0.69 0.00	18.52 -1.36 0.00	21.10 -1.69 0.00	20.32 -1.54 0.00	24.25 -1.29 0.00	23.43 -1.39 0.00	21.49 -1.30 0.00	20.42 -1.27 0.00	19.83 -1.06 0.00	19.36 -1.01 0.00	18.51 -1.09 0.01	19.94 -1.51 0.00	22.69 -1.67 0.00	22.36 -1.70 0.00	23.09 -2.23 0.15	19.48 -1.92 0.00	22.57 -2.43 0.00	23.88 -2.18 0.61	20.98 -1.55 0.40
LONG_LAKE_PHOENIX 24014	19.27 -0.28 0.00	17.93 -0.25 0.00	16.80 -0.19 0.00	15.60 -0.18 0.00	17.53 -0.23 0.00	20.56 -0.30 0.00	19.60 -0.29 0.00	22.40 -0.39 0.00	21.47 -0.39 0.00	25.13 -0.42 0.00	24.40 -0.42 0.00	22.40 -0.39 0.00	21.30 -0.38 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.30 -0.31 0.00	21.08 -0.37 0.00	23.93 -0.42 0.00	23.70 -0.36 0.00	25.07 -0.40 0.00	21.04 -0.36 0.00	24.47 -0.54 0.00	26.25 -0.42 0.00	22.55 -0.37 0.00
LOVETT___3 23632	20.17 0.62 0.00	18.75 0.57 0.00	17.50 0.51 0.00	16.25 0.46 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.82 0.93 0.00	24.05 1.26 0.00	22.98 1.13 0.00	26.86 1.31 0.00	26.15 1.33 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.84 0.95 0.00	21.25 0.88 0.00	20.46 0.85 0.00	22.45 1.00 0.00	25.59 1.23 0.00	25.60 1.53 0.00	27.29 1.81 0.00	22.89 1.49 0.00	26.38 1.37 0.00	27.83 1.16 0.00	23.85 0.93 0.00
LOVETT___4 23642	20.17 0.62 0.00	18.75 0.57 0.00	17.50 0.51 0.00	16.25 0.46 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.82 0.93 0.00	24.05 1.26 0.00	22.98 1.13 0.00	26.86 1.31 0.00	26.15 1.33 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.84 0.95 0.00	21.25 0.88 0.00	20.46 0.85 0.00	22.45 1.00 0.00	25.59 1.23 0.00	25.60 1.53 0.00	27.29 1.81 0.00	22.89 1.49 0.00	26.38 1.37 0.00	27.83 1.16 0.00	23.85 0.93 0.00
LOVETT___5 23593	20.17 0.62 0.00	18.75 0.57 0.00	17.50 0.51 0.00	16.25 0.46 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.82 0.93 0.00	24.05 1.26 0.00	22.98 1.13 0.00	26.86 1.31 0.00	26.15 1.33 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.84 0.95 0.00	21.25 0.88 0.00	20.46 0.85 0.00	22.45 1.00 0.00	25.59 1.23 0.00	25.60 1.53 0.00	27.29 1.81 0.00	22.89 1.49 0.00	26.38 1.37 0.00	27.83 1.16 0.00	23.85 0.93 0.00
LOWER RAQUET___HYD 24057	18.85 -0.69 0.00	17.48 -0.70 0.00	16.27 -0.72 0.00	15.13 -0.65 0.00	17.06 -0.69 0.00	20.04 -0.82 0.00	19.00 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.98 0.00	24.98 -1.06 -0.49	23.81 -1.01 0.00	21.87 -0.92 0.00	20.81 -0.88 0.00	20.02 -0.86 0.00	19.63 -0.74 0.00	18.94 -0.67 0.00	20.70 -0.75 0.00	23.48 -0.87 0.00	22.94 -1.13 0.00	24.17 -1.30 0.00	20.31 -1.09 0.00	24.10 -0.91 0.00	25.88 -0.79 0.00	22.27 -0.66 0.00
LOWER___HUDSON 24059	19.89 0.34 0.00	18.49 0.31 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.26 0.40 0.00	20.39 0.50 0.00	23.45 0.66 0.00	22.34 0.48 0.00	25.92 0.38 0.00	25.16 0.34 0.00	23.11 0.32 0.00	21.99 0.30 0.00	21.12 0.24 0.00	20.58 0.20 0.00	19.83 0.22 0.00	21.77 0.33 0.00	24.76 0.41 0.00	24.69 0.63 0.00	26.23 0.76 0.00	22.06 0.66 0.00	25.60 0.60 0.00	26.99 0.32 0.00	23.19 0.27 0.00
LOWVILLE_115KV_TB2 356335	19.27 -0.28 0.00	17.69 -0.49 0.00	16.39 -0.61 0.00	15.36 -0.42 0.00	17.36 -0.40 0.00	20.22 -0.63 0.00	19.16 -0.72 0.00	22.01 -0.78 0.00	21.12 -0.73 0.00	24.89 -0.79 -0.14	24.11 -0.71 0.00	22.09 -0.69 0.00	20.89 -0.80 0.00	20.05 -0.83 0.00	19.68 -0.70 0.00	18.95 -0.66 0.00	20.87 -0.59 0.00	23.85 -0.51 0.00	23.54 -0.52 0.00	24.87 -0.60 0.00	20.93 -0.47 0.00	24.60 -0.40 0.00	26.55 -0.12 0.00	22.77 -0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.12 0.57 0.00	18.70 0.52 0.00	17.46 0.46 0.00	16.22 0.44 0.00	18.28 0.52 0.00	21.55 0.69 0.00	20.70 0.81 0.00	23.81 1.02 0.00	22.67 0.82 0.00	26.26 0.72 0.00	25.54 0.72 0.00	23.46 0.67 0.00	22.31 0.63 0.00	21.43 0.55 0.00	20.86 0.49 0.00	20.12 0.51 0.00	22.13 0.68 0.00	25.23 0.88 0.00	25.15 1.08 0.00	26.69 1.22 0.00	22.43 1.03 0.00	25.99 0.99 0.00	27.41 0.74 0.00	23.52 0.60 0.00
LUTHERNY_35_KV_BK2 355980	20.12 0.57 0.00	18.69 0.51 0.00	17.45 0.45 0.00	16.21 0.43 0.00	18.27 0.51 0.00	21.55 0.69 0.00	20.72 0.84 0.00	23.84 1.05 0.00	22.69 0.83 0.00	26.26 0.72 0.00	25.55 0.73 0.00	23.46 0.68 0.00	22.33 0.64 0.00	21.45 0.57 0.00	20.85 0.48 0.00	20.12 0.51 0.00	22.14 0.69 0.00	25.25 0.89 0.00	25.16 1.10 0.00	26.72 1.24 0.00	22.45 1.06 0.00	25.99 0.99 0.00	27.42 0.75 0.00	23.52 0.59 0.00
LWR___OSWEGATCHIE_HYD 23850	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.66 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00

LYONS_FALL_HYD 23570	19.53 -0.02 0.00	18.01 -0.17 0.00	16.74 -0.25 0.00	15.64 -0.15 0.00	17.65 -0.11 0.00	20.64 -0.22 0.00	19.64 -0.24 0.00	22.57 -0.22 0.00	21.66 -0.20 0.00	25.43 -0.20 -0.09	24.68 -0.14 0.00	22.64 -0.15 0.00	21.45 -0.23 0.00	20.62 -0.26 0.00	20.19 -0.18 0.00	19.43 -0.18 0.00	21.33 -0.12 0.00	24.34 -0.02 0.00	24.06 0.00 0.00	25.45 -0.02 0.00	21.39 -0.01 0.00	25.03 0.03 0.00	26.87 0.19 0.00	23.03 0.10 0.00
MADISON___COUNTY_LFGE 323628	19.98 0.43 0.00	18.55 0.36 0.00	17.34 0.35 0.00	16.12 0.33 0.00	18.15 0.39 0.00	21.34 0.48 0.00	20.40 0.51 0.00	23.42 0.63 0.00	22.45 0.59 0.00	26.23 0.68 0.00	25.51 0.69 0.00	23.51 0.72 0.00	22.34 0.66 0.00	21.52 0.64 0.00	21.00 0.63 0.00	20.14 0.53 0.00	22.01 0.56 0.00	25.08 0.72 0.00	24.84 0.78 0.00	26.29 0.82 0.00	22.06 0.66 0.00	25.65 0.64 0.00	27.37 0.70 0.00	23.45 0.53 0.00
MALONE___115KV_TB1 356076	19.14 -0.41 0.00	17.77 -0.42 0.00	16.43 -0.56 0.00	15.27 -0.51 0.00	17.29 -0.47 0.00	20.40 -0.45 0.00	19.37 -0.52 0.00	22.24 -0.55 0.00	21.32 -0.54 0.00	27.09 -0.64 -2.19	24.23 -0.58 0.00	22.36 -0.43 0.00	21.35 -0.33 0.00	20.56 -0.33 0.00	20.19 -0.18 0.00	19.56 -0.06 0.00	21.39 -0.06 0.00	24.20 -0.15 0.00	23.59 -0.47 0.00	24.67 -0.80 0.00	20.76 -0.63 0.00	24.58 -0.43 0.00	26.43 -0.24 0.00	22.75 -0.17 0.00
MAPLEWOD_115KV_TB3 80458	19.99 0.45 0.00	18.58 0.40 0.00	17.36 0.37 0.00	16.12 0.34 0.00	18.15 0.39 0.00	21.37 0.52 0.00	20.48 0.60 0.00	23.57 0.78 0.00	22.48 0.62 0.00	26.14 0.59 0.00	25.37 0.56 0.00	23.30 0.51 0.00	22.18 0.50 0.00	21.33 0.45 0.00	20.78 0.41 0.00	20.02 0.41 0.00	21.96 0.52 0.00	24.98 0.62 0.00	24.89 0.82 0.00	26.43 0.96 0.00	22.21 0.81 0.00	25.77 0.77 0.00	27.19 0.52 0.00	23.36 0.43 0.00
MAPLE_RIDGE_WT_1 323574	19.32 -0.23 0.00	17.84 -0.34 0.00	16.60 -0.40 0.00	15.49 -0.30 0.00	17.44 -0.32 0.00	20.30 -0.56 0.00	19.17 -0.72 0.00	21.90 -0.89 0.00	21.12 -0.73 0.00	24.75 -0.80 0.00	24.06 -0.76 0.00	22.11 -0.68 0.00	21.01 -0.67 0.00	20.22 -0.67 0.00	19.83 -0.54 0.00	19.14 -0.48 0.00	20.96 -0.49 0.00	23.77 -0.58 0.00	23.41 -0.65 0.00	24.75 -0.73 0.00	20.78 -0.61 0.00	24.55 -0.45 0.00	26.30 -0.37 0.00	22.73 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	19.32 -0.23 0.00	17.84 -0.34 0.00	16.60 -0.40 0.00	15.49 -0.30 0.00	17.44 -0.32 0.00	20.30 -0.56 0.00	19.17 -0.72 0.00	21.90 -0.89 0.00	21.12 -0.73 0.00	24.75 -0.80 0.00	24.06 -0.76 0.00	22.11 -0.68 0.00	21.01 -0.67 0.00	20.22 -0.67 0.00	19.83 -0.54 0.00	19.14 -0.48 0.00	20.96 -0.49 0.00	23.77 -0.58 0.00	23.41 -0.65 0.00	24.75 -0.73 0.00	20.78 -0.61 0.00	24.55 -0.45 0.00	26.30 -0.37 0.00	22.73 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	18.89 -0.65 0.00	17.54 -0.64 0.00	16.19 -0.81 0.00	15.05 -0.74 0.00	17.05 -0.70 0.00	20.15 -0.71 0.00	19.12 -0.77 0.00	21.92 -0.87 0.00	20.96 -0.90 0.00	21.26 -1.11 3.17	23.82 -1.00 0.00	22.00 -0.79 0.00	21.05 -0.64 0.00	20.26 -0.62 0.00	19.91 -0.46 0.00	19.34 -0.27 0.00	21.17 -0.28 0.00	23.89 -0.47 0.00	23.25 -0.81 0.00	24.18 -1.29 0.00	20.44 -0.96 0.00	24.18 -0.83 0.00	26.05 -0.62 0.00	22.45 -0.48 0.00
MARSHVLE_115KV_TB1 80742	20.62 1.08 0.00	19.16 0.98 0.00	17.92 0.92 0.00	16.62 0.84 0.00	18.74 0.99 0.00	22.01 1.16 0.00	20.93 1.05 0.00	24.03 1.24 0.00	23.10 1.24 0.00	26.91 1.37 0.00	26.15 1.33 0.00	23.90 1.12 0.00	22.80 1.12 0.00	22.08 1.20 0.00	21.54 1.17 0.00	20.65 1.04 0.00	22.70 1.26 0.00	25.96 1.61 0.00	25.64 1.58 0.00	27.04 1.57 0.00	22.62 1.22 0.00	26.31 1.31 0.00	28.16 1.49 0.00	24.19 1.26 0.00
MARSH_HILL_WT_PWR 323713	19.52 -0.03 0.00	18.35 0.17 0.00	17.16 0.16 0.00	15.74 -0.04 0.00	17.73 -0.03 0.00	20.49 -0.37 0.00	19.72 -0.17 0.00	22.66 -0.13 0.00	21.30 -0.56 0.00	24.64 -0.90 0.00	23.79 -1.03 0.00	21.88 -0.91 0.00	20.97 -0.72 0.00	20.23 -0.65 0.00	19.88 -0.49 0.00	18.81 -0.81 -0.01	20.73 -0.72 0.00	23.69 -0.67 0.00	23.73 -0.33 0.00	25.14 -0.44 -0.11	21.11 -0.29 0.00	23.99 -1.01 0.00	26.14 -0.95 -0.42	22.33 -0.87 -0.27
MCINTYRE_115KV_TB2 80467	19.56 0.02 0.00	18.16 -0.02 0.00	16.93 -0.07 0.00	15.73 -0.05 0.00	17.73 -0.03 0.00	20.84 -0.01 0.00	19.78 -0.11 0.00	22.59 -0.20 0.00	21.70 -0.16 0.00	25.85 -0.08 -0.38	24.75 -0.07 0.00	22.66 -0.13 0.00	21.54 -0.14 0.00	20.72 -0.16 0.00	20.36 -0.01 0.00	19.65 0.04 0.00	21.44 -0.01 0.00	24.34 -0.02 0.00	23.77 -0.29 0.00	25.10 -0.37 0.00	21.08 -0.32 0.00	25.00 0.00 0.00	26.81 0.14 0.00	23.06 0.14 0.00
MECO_____69_KV_BK1 80468	21.30 1.75 0.00	19.77 1.59 0.00	18.48 1.49 0.00	17.16 1.38 0.00	19.38 1.62 0.00	22.85 2.00 0.00	21.91 2.02 0.00	25.20 2.41 0.00	24.08 2.22 0.00	27.74 2.20 0.00	27.05 2.23 0.00	24.40 1.62 0.00	23.57 1.88 0.00	22.77 1.89 0.00	22.16 1.78 0.00	21.19 1.57 0.00	23.54 2.09 0.00	27.07 2.71 0.00	26.90 2.84 0.00	28.50 3.03 0.00	23.84 2.44 0.00	27.62 2.62 0.00	29.36 2.69 0.00	25.08 2.16 0.00
MENANDS___115KV_TB5 355628	19.96 0.41 0.00	18.56 0.37 0.00	17.33 0.34 0.00	16.10 0.32 0.00	18.13 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.09 0.55 0.00	25.33 0.51 0.00	23.26 0.47 0.00	22.14 0.45 0.00	21.29 0.41 0.00	20.75 0.38 0.00	19.98 0.38 0.00	21.93 0.48 0.00	24.93 0.57 0.00	24.82 0.76 0.00	26.37 0.90 0.00	22.17 0.77 0.00	25.72 0.71 0.00	27.13 0.46 0.00	23.31 0.39 0.00
MG INDUSTRY___DRP 24185	19.99 0.44 0.00	18.59 0.41 0.00	17.38 0.38 0.00	16.14 0.36 0.00	18.17 0.41 0.00	21.38 0.52 0.00	20.45 0.56 0.00	23.50 0.71 0.00	22.38 0.52 0.00	26.02 0.48 0.00	25.25 0.43 0.00	23.19 0.40 0.00	22.07 0.39 0.00	21.25 0.37 0.00	20.71 0.34 0.00	19.95 0.34 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.81 0.74 0.00	26.33 0.86 0.00	22.12 0.72 0.00	25.69 0.68 0.00	27.16 0.50 0.00	23.35 0.42 0.00
MID___OSWEGATCHIE_HYD 23849	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.66 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00
MID___RAQUETTE_HYD 23851	18.85 -0.69 0.00	17.48 -0.70 0.00	16.27 -0.72 0.00	15.13 -0.65 0.00	17.06 -0.69 0.00	20.04 -0.82 0.00	19.01 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.98 0.00	24.98 -1.05 -0.49	23.81 -1.01 0.00	21.87 -0.92 0.00	20.81 -0.88 0.00	20.02 -0.86 0.00	19.63 -0.75 0.00	18.94 -0.67 0.00	20.70 -0.75 0.00	23.48 -0.87 0.00	22.94 -1.13 0.00	24.16 -1.30 0.00	20.31 -1.09 0.00	24.10 -0.91 0.00	25.88 -0.79 0.00	22.27 -0.66 0.00

MILLIKEN___1 23584	19.90 0.35 0.00	18.52 0.33 0.00	17.34 0.35 0.00	16.07 0.29 0.00	18.10 0.34 0.00	21.29 0.43 0.00	20.30 0.41 0.00	23.28 0.49 0.00	22.28 0.42 0.00	26.01 0.47 0.00	25.22 0.40 0.00	23.20 0.41 0.00	22.07 0.39 0.00	21.32 0.44 0.00	20.70 0.33 0.00	19.90 0.29 0.00	21.82 0.37 0.00	24.78 0.43 0.00	24.64 0.57 0.00	26.11 0.64 0.00	21.90 0.50 0.00	25.33 0.33 0.00	27.08 0.41 0.00	23.22 0.30 0.00
MILLIKEN___2 23585	19.90 0.35 0.00	18.52 0.33 0.00	17.34 0.35 0.00	16.07 0.29 0.00	18.10 0.34 0.00	21.29 0.43 0.00	20.30 0.41 0.00	23.28 0.49 0.00	22.28 0.42 0.00	26.01 0.47 0.00	25.22 0.40 0.00	23.20 0.41 0.00	22.07 0.39 0.00	21.32 0.44 0.00	20.70 0.33 0.00	19.90 0.29 0.00	21.82 0.37 0.00	24.78 0.43 0.00	24.64 0.57 0.00	26.11 0.64 0.00	21.90 0.50 0.00	25.33 0.33 0.00	27.08 0.41 0.00	23.22 0.30 0.00
MILLIKEN___DIESEL 23629	19.90 0.35 0.00	18.52 0.33 0.00	17.34 0.35 0.00	16.07 0.29 0.00	18.10 0.34 0.00	21.29 0.43 0.00	20.30 0.41 0.00	23.28 0.49 0.00	22.28 0.42 0.00	26.01 0.47 0.00	25.22 0.40 0.00	23.20 0.41 0.00	22.07 0.39 0.00	21.32 0.44 0.00	20.70 0.33 0.00	19.90 0.29 0.00	21.82 0.37 0.00	24.78 0.43 0.00	24.64 0.57 0.00	26.11 0.64 0.00	21.90 0.50 0.00	25.33 0.33 0.00	27.08 0.41 0.00	23.22 0.30 0.00
MILLSEAT___LFGE 323607	19.32 -0.23 0.00	18.01 -0.18 0.00	16.94 -0.06 0.00	15.67 -0.11 0.00	17.65 -0.11 0.00	20.58 -0.28 0.00	19.02 -0.86 0.00	21.73 -1.06 0.00	20.90 -0.95 0.00	24.86 -0.68 0.00	24.00 -0.82 0.00	21.98 -0.81 0.00	20.84 -0.84 0.00	20.30 -0.59 0.00	19.83 -0.54 0.00	18.99 -0.61 0.01	20.49 -0.96 0.00	23.35 -1.01 0.00	23.03 -1.03 0.00	23.87 -1.47 0.14	20.12 -1.28 0.00	23.27 -1.74 0.00	24.62 -1.49 0.55	21.55 -1.02 0.36
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.20 0.65 0.00	18.79 0.61 0.00	17.53 0.54 0.00	16.28 0.49 0.00	18.34 0.58 0.00	21.64 0.79 0.00	20.86 0.97 0.00	24.10 1.30 0.00	23.04 1.18 0.00	26.91 1.37 0.00	26.20 1.38 0.00	24.00 1.21 0.00	22.82 1.14 0.00	21.89 1.01 0.00	21.30 0.93 0.00	20.50 0.89 0.00	22.51 1.06 0.00	25.63 1.28 0.00	25.66 1.59 0.00	27.34 1.87 0.00	22.93 1.54 0.00	26.44 1.43 0.00	27.86 1.19 0.00	23.87 0.94 0.00
MILLWOOD_13_KV_LOAD 356217	20.24 0.69 0.00	18.83 0.65 0.00	17.57 0.57 0.00	16.31 0.53 0.00	18.38 0.62 0.00	21.69 0.84 0.00	20.91 1.03 0.00	24.16 1.37 0.00	23.09 1.24 0.00	26.98 1.44 0.00	26.28 1.46 0.00	24.07 1.28 0.00	22.89 1.20 0.00	21.95 1.08 0.00	21.35 0.98 0.00	20.55 0.94 0.00	22.57 1.12 0.00	25.71 1.36 0.00	25.73 1.67 0.00	27.44 1.97 0.00	23.00 1.60 0.00	26.51 1.51 0.00	27.93 1.26 0.00	23.93 1.00 0.00
MODEL_CITY_ENERGY 24167	18.81 -0.74 0.00	17.54 -0.64 0.00	16.51 -0.49 0.00	15.25 -0.53 0.00	17.16 -0.60 0.00	19.95 -0.91 0.00	18.31 -1.58 0.00	20.83 -1.96 0.00	20.06 -1.80 0.00	23.95 -1.60 0.00	23.13 -1.69 0.00	21.22 -1.57 0.00	20.16 -1.52 0.00	19.57 -1.31 0.00	19.11 -1.26 0.00	18.28 -1.32 0.01	19.68 -1.77 0.00	22.39 -1.97 0.00	22.06 -2.01 0.00	22.77 -2.54 0.15	19.22 -2.18 0.00	22.27 -2.73 0.00	23.55 -2.49 0.64	20.72 -1.79 0.42
MODERN_LFGE___ 323580	18.81 -0.74 0.00	17.54 -0.64 0.00	16.51 -0.49 0.00	15.25 -0.53 0.00	17.16 -0.60 0.00	19.95 -0.91 0.00	18.31 -1.58 0.00	20.83 -1.96 0.00	20.06 -1.80 0.00	23.95 -1.60 0.00	23.13 -1.69 0.00	21.22 -1.57 0.00	20.16 -1.52 0.00	19.57 -1.31 0.00	19.11 -1.26 0.00	18.28 -1.32 0.01	19.68 -1.77 0.00	22.39 -1.97 0.00	22.06 -2.01 0.00	22.77 -2.54 0.15	19.22 -2.18 0.00	22.27 -2.73 0.00	23.55 -2.49 0.64	20.72 -1.79 0.42
MOHAWK_PAPER___DRP 24187	19.99 0.45 0.00	18.58 0.40 0.00	17.36 0.37 0.00	16.12 0.34 0.00	18.15 0.39 0.00	21.37 0.52 0.00	20.48 0.60 0.00	23.57 0.78 0.00	22.48 0.62 0.00	26.14 0.59 0.00	25.37 0.56 0.00	23.30 0.51 0.00	22.18 0.50 0.00	21.33 0.45 0.00	20.78 0.41 0.00	20.02 0.41 0.00	21.96 0.52 0.00	24.98 0.62 0.00	24.89 0.82 0.00	26.43 0.96 0.00	22.21 0.81 0.00	25.77 0.77 0.00	27.19 0.52 0.00	23.36 0.43 0.00
MOHICAN___35_KV_115KV_LD 80490	20.17 0.62 0.00	18.73 0.55 0.00	17.48 0.48 0.00	16.25 0.47 0.00	18.31 0.55 0.00	21.65 0.80 0.00	20.86 0.97 0.00	24.02 1.23 0.00	22.86 1.00 0.00	26.30 0.76 0.00	25.60 0.78 0.00	23.53 0.74 0.00	22.34 0.65 0.00	21.41 0.53 0.00	20.85 0.48 0.00	20.16 0.55 0.00	22.24 0.79 0.00	25.44 1.09 0.00	25.39 1.33 0.00	26.94 1.46 0.00	22.66 1.27 0.00	26.20 1.19 0.00	27.49 0.82 0.00	23.56 0.63 0.00
MONGAUP___HYD 23641	19.91 0.36 0.00	18.51 0.32 0.00	17.27 0.28 0.00	16.04 0.25 0.00	18.07 0.31 0.00	21.34 0.48 0.00	20.53 0.65 0.00	23.73 0.93 0.00	22.73 0.87 0.00	26.39 0.85 0.00	25.53 0.71 0.00	23.45 0.66 0.00	22.29 0.60 0.00	21.28 0.40 0.00	20.71 0.34 0.00	19.96 0.35 0.00	21.96 0.51 0.00	25.16 0.81 0.00	25.23 1.17 0.00	27.02 1.54 0.00	22.59 1.19 0.00	26.09 1.09 0.00	27.57 0.90 0.00	23.81 0.89 0.00
MONTAUK___DIESEL 23721	21.27 1.72 0.00	19.80 1.62 0.00	18.44 1.45 0.00	17.11 1.33 0.00	19.29 1.53 0.00	22.77 1.91 0.00	21.88 1.99 0.00	24.90 2.11 0.00	23.62 1.76 0.00	27.88 2.34 0.00	27.24 2.39 -0.04	24.50 1.71 0.00	23.93 1.77 -0.48	22.47 1.39 -0.20	21.88 1.18 -0.32	22.25 1.21 -1.43	23.60 1.57 -0.58	27.18 1.93 -0.89	29.88 2.86 -2.95	29.43 3.00 -0.96	25.01 2.46 -1.15	28.06 2.72 -0.33	29.47 2.46 -0.34	25.22 2.09 -0.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.55 0.01 0.00	18.09 -0.09 0.00	17.18 0.19 0.00	15.90 0.12 0.00	17.81 0.05 0.00	20.92 0.07 0.00	19.47 -0.42 0.00	22.19 -0.60 0.00	21.18 -0.68 0.00	25.01 -0.53 0.00	24.24 -0.58 0.00	22.08 -0.71 0.00	20.97 -0.72 0.00	20.40 -0.48 0.00	20.01 -0.36 0.00	19.18 -0.43 0.00	20.69 -0.76 0.00	23.70 -0.65 0.00	23.21 -0.86 0.00	23.91 -1.56 0.00	20.14 -1.26 0.00	23.33 -1.67 0.00	25.29 -1.38 0.00	21.85 -1.07 0.00
MORTIMER_115KV_TB3 55949	19.33 -0.22 0.00	18.00 -0.18 0.00	16.90 -0.09 0.00	15.66 -0.12 0.00	17.63 -0.13 0.00	20.62 -0.24 0.00	19.31 -0.58 0.00	22.08 -0.71 0.00	21.20 -0.65 0.00	25.07 -0.48 0.00	24.29 -0.53 0.00	22.29 -0.50 0.00	21.19 -0.50 0.00	20.53 -0.35 0.00	20.03 -0.34 0.00	19.22 -0.39 0.00	20.84 -0.60 0.00	23.69 -0.66 0.00	23.40 -0.66 0.00	24.54 -0.93 0.00	20.58 -0.82 0.00	23.80 -1.20 0.00	25.64 -1.03 0.00	22.17 -0.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.30 0.75 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.75 0.89 0.00	20.99 1.10 0.00	24.24 1.45 0.00	23.20 1.34 0.00	27.13 1.58 0.00	26.41 1.60 0.00	24.19 1.40 0.00	23.00 1.32 0.00	22.06 1.19 0.00	21.45 1.08 0.00	20.65 1.04 0.00	22.66 1.22 0.00	25.81 1.46 0.00	25.85 1.79 0.00	27.57 2.10 0.00	23.11 1.71 0.00	26.61 1.60 0.00	28.02 1.35 0.00	23.99 1.07 0.00

MUNSVILLE_WIND_PWR 323609	21.03 1.48 0.00	19.37 1.19 0.00	18.26 1.27 0.00	16.84 1.06 0.00	19.02 1.26 0.00	22.33 1.48 0.00	21.28 1.40 0.00	24.52 1.73 0.00	23.27 1.41 0.00	26.97 1.42 0.00	26.11 1.29 0.00	24.06 1.27 0.00	23.11 1.43 0.00	22.28 1.40 0.00	21.69 1.31 0.00	20.81 1.20 0.00	22.96 1.51 0.00	26.17 1.81 0.00	26.17 2.10 0.00	27.88 2.37 -0.03	23.34 1.94 0.00	26.82 1.82 0.00	28.51 1.72 -0.12	24.41 1.41 -0.08
N SALMON___HYD 24042	19.14 -0.41 0.00	17.77 -0.42 0.00	16.43 -0.56 0.00	15.27 -0.51 0.00	17.29 -0.47 0.00	20.40 -0.45 0.00	19.37 -0.52 0.00	22.24 -0.55 0.00	21.32 -0.54 0.00	27.09 -0.64 -2.19	24.23 -0.58 0.00	22.36 -0.43 0.00	21.35 -0.33 0.00	20.56 -0.32 0.00	20.19 -0.18 0.00	19.56 -0.05 0.00	21.39 -0.06 0.00	24.20 -0.15 0.00	23.59 -0.47 0.00	24.67 -0.80 0.00	20.76 -0.63 0.00	24.58 -0.43 0.00	26.43 -0.24 0.00	22.75 -0.17 0.00
N.AKRON__115KV_KNAPP 355671	19.32 -0.23 0.00	18.01 -0.17 0.00	16.94 -0.05 0.00	15.67 -0.11 0.00	17.65 -0.11 0.00	20.58 -0.28 0.00	19.01 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.97 0.00	24.85 -0.70 0.00	23.99 -0.83 0.00	21.97 -0.81 0.00	20.84 -0.84 0.00	20.29 -0.60 0.00	19.83 -0.55 0.00	18.99 -0.63 0.00	20.47 -0.98 0.00	23.33 -1.02 0.00	23.02 -1.05 0.00	23.97 -1.50 0.00	20.09 -1.30 0.00	23.25 -1.76 0.00	25.15 -1.52 0.00	21.89 -1.04 0.00
N.BELMOR_69_KV_BK1 55787	20.57 1.03 0.00	19.13 0.95 0.00	17.84 0.84 0.00	16.55 0.77 0.00	18.64 0.89 0.00	22.02 1.16 0.00	21.23 1.34 0.00	24.44 1.65 0.00	23.30 1.44 0.00	27.30 1.76 0.00	26.85 1.82 -0.21	24.33 1.54 0.00	25.87 1.50 -2.69	23.31 1.31 -1.12	23.34 1.20 -1.77	28.72 1.15 -7.95	26.10 1.42 -3.23	30.86 1.73 -4.78	41.62 2.18 -15.37	32.89 2.41 -5.01	29.37 1.99 -5.99	28.78 2.00 -1.78	30.31 1.76 -1.88	25.51 1.42 -1.17
N.E_GEN_SANDY PD 24062	19.91 0.31 -0.05	18.47 0.29 0.00	17.24 0.25 0.00	16.01 0.23 0.00	18.01 0.25 0.00	20.88 0.36 0.34	20.59 0.50 -0.20	23.39 0.68 0.09	22.92 0.51 -0.55	25.54 0.43 0.43	21.98 0.42 3.25	20.87 0.37 2.28	20.21 0.35 1.83	1.54 0.28 19.62	14.95 0.24 5.67	18.50 0.24 1.35	23.77 0.32 -2.00	24.26 0.38 0.47	24.90 0.66 -0.17	26.32 0.85 0.00	22.05 0.74 0.08	26.02 0.62 -0.39	26.96 0.28 0.00	23.10 0.23 0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.21 0.66 0.00	18.79 0.61 0.00	17.53 0.53 0.00	16.28 0.49 0.00	18.35 0.59 0.00	21.65 0.80 0.00	20.86 0.97 0.00	24.09 1.30 0.00	23.02 1.17 0.00	26.90 1.36 0.00	26.20 1.38 0.00	23.99 1.20 0.00	22.81 1.12 0.00	21.87 0.99 0.00	21.29 0.92 0.00	20.50 0.88 0.00	22.49 1.04 0.00	25.63 1.28 0.00	25.65 1.58 0.00	27.34 1.86 0.00	22.93 1.53 0.00	26.43 1.43 0.00	27.88 1.21 0.00	23.90 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	20.23 0.68 0.01	18.86 0.68 0.00	17.59 0.59 0.00	16.33 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.95 1.07 0.00	24.22 1.43 0.00	23.21 1.35 0.00	27.12 1.57 0.00	26.42 1.60 0.00	24.20 1.41 0.00	23.03 1.35 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.69 1.24 0.00	25.84 1.48 0.00	25.84 1.77 0.00	27.59 2.12 0.00	23.12 1.73 0.00	26.60 1.60 0.00	27.95 1.28 0.00	23.94 1.02 0.00
N.TROY___115KV_TB1 355778	19.89 0.34 0.00	18.49 0.31 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.26 0.40 0.00	20.39 0.50 0.00	23.45 0.66 0.00	22.34 0.48 0.00	25.92 0.38 0.00	25.16 0.34 0.00	23.11 0.32 0.00	21.99 0.30 0.00	21.12 0.24 0.00	20.57 0.20 0.00	19.83 0.22 0.00	21.77 0.33 0.00	24.76 0.41 0.00	24.69 0.63 0.00	26.23 0.76 0.00	22.06 0.66 0.00	25.60 0.60 0.00	26.99 0.32 0.00	23.20 0.27 0.00
NARROWS_GT1_1 24228	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_2 24229	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_3 24230	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_4 24231	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_5 24232	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_6 24233	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT1_7 24234	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00

NARROWS_GT1_8 24235	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_1 24236	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_2 24237	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_3 24238	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_4 24239	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_5 24240	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_6 24241	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_7 24242	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NARROWS_GT2_8 24243	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.41 0.86 0.00	18.97 0.78 0.00	17.73 0.74 0.00	16.47 0.69 0.00	18.56 0.80 0.00	21.89 1.03 0.00	20.98 1.10 0.00	24.16 1.37 0.00	22.93 1.07 0.00	26.54 1.00 0.00	25.58 0.77 0.00	23.43 0.64 0.00	22.27 0.59 0.00	21.45 0.56 0.00	20.95 0.58 0.00	20.19 0.58 0.00	22.28 0.83 0.00	25.53 1.18 0.00	25.50 1.43 0.00	27.09 1.62 0.00	22.72 1.32 0.00	26.37 1.36 0.00	27.79 1.12 0.00	23.86 0.94 0.00
NCHELSEA_115KV_TR2 355582	20.26 0.71 0.00	18.83 0.65 0.00	17.58 0.59 0.00	16.31 0.53 0.00	18.38 0.62 0.00	21.69 0.83 0.00	20.89 1.01 0.00	24.11 1.32 0.00	23.02 1.17 0.00	26.82 1.28 0.00	26.10 1.29 0.00	23.92 1.13 0.00	22.73 1.05 0.00	21.82 0.94 0.00	21.24 0.87 0.00	20.46 0.85 0.00	22.45 1.00 0.00	25.59 1.23 0.00	25.60 1.54 0.00	27.30 1.82 0.00	22.91 1.52 0.00	26.42 1.42 0.00	27.84 1.17 0.00	23.85 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	20.11 0.56 0.00	18.68 0.50 0.00	17.44 0.45 0.00	16.21 0.42 0.00	18.26 0.50 0.00	21.53 0.68 0.00	20.68 0.79 0.00	23.79 1.00 0.00	22.66 0.80 0.00	26.25 0.71 0.00	25.51 0.70 0.00	23.45 0.66 0.00	22.31 0.62 0.00	21.43 0.55 0.00	20.86 0.48 0.00	20.11 0.50 0.00	22.12 0.67 0.00	25.22 0.86 0.00	25.15 1.08 0.00	26.69 1.22 0.00	22.43 1.03 0.00	25.98 0.98 0.00	27.38 0.71 0.00	23.50 0.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.96 -0.59 0.00	17.66 -0.52 0.00	16.57 -0.42 0.00	15.37 -0.42 0.00	17.29 -0.46 0.00	20.24 -0.61 0.00	19.07 -0.81 0.00	21.82 -0.97 0.00	20.95 -0.91 0.00	24.67 -0.87 0.00	23.92 -0.90 0.00	21.96 -0.82 0.00	20.89 -0.79 0.00	20.22 -0.66 0.00	19.74 -0.63 0.00	18.95 -0.66 0.00	20.59 -0.86 0.00	23.39 -0.96 0.00	23.13 -0.93 0.00	24.24 -1.17 0.07	20.38 -1.02 0.00	23.64 -1.37 0.00	25.18 -1.26 0.23	21.78 -1.00 0.15
NEG CENTRAL___DRP 24199	19.83 0.28 0.00	18.46 0.28 0.00	17.31 0.31 0.00	16.02 0.24 0.00	18.03 0.27 0.00	21.20 0.34 0.00	20.22 0.33 0.00	23.13 0.33 0.00	22.08 0.22 0.00	25.77 0.22 0.00	24.93 0.11 0.00	22.90 0.12 0.00	21.80 0.11 0.00	21.00 0.11 0.00	20.54 0.17 0.00	19.73 0.12 0.00	21.61 0.16 0.00	24.50 0.15 0.00	24.41 0.35 0.00	25.82 0.35 0.00	21.69 0.29 0.00	24.68 -0.32 0.00	26.46 -0.21 0.00	22.72 -0.21 0.00
NEG CENTRAL___INDECK 23768	19.96 0.41 0.00	18.61 0.43 0.00	17.46 0.46 0.00	16.13 0.35 0.00	18.15 0.39 0.00	21.23 0.37 0.00	20.16 0.27 0.00	23.16 0.37 0.00	22.05 0.19 0.00	25.85 0.31 0.00	25.02 0.20 0.00	22.92 0.14 0.00	21.70 0.02 0.00	20.92 0.04 0.00	20.39 0.02 0.00	19.51 -0.10 0.00	21.46 0.01 0.00	24.47 0.11 0.00	24.32 0.26 0.00	25.78 0.23 -0.07	21.60 0.20 0.00	24.82 -0.18 0.00	26.85 -0.09 -0.27	23.02 -0.09 -0.18



NEG CENTRAL___SENECA 23627	19.99 0.45 0.00	18.61 0.43 0.00	17.45 0.45 0.00	16.13 0.35 0.00	18.16 0.40 0.00	21.37 0.51 0.00	20.39 0.50 0.00	23.30 0.51 0.00	22.20 0.34 0.00	25.89 0.35 0.00	25.02 0.20 0.00	22.98 0.19 0.00	21.88 0.20 0.00	21.04 0.16 0.00	20.64 0.26 0.00	19.79 0.18 0.00	21.70 0.25 0.00	24.61 0.25 0.00	24.58 0.51 0.00	25.99 0.52 0.00	21.85 0.45 0.00	24.60 -0.40 0.00	26.41 -0.27 0.00	22.65 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	19.73 0.18 0.00	18.40 0.22 0.00	17.23 0.24 0.00	15.97 0.18 0.00	17.98 0.23 0.00	21.14 0.28 0.00	20.14 0.25 0.00	23.05 0.26 0.00	22.06 0.20 0.00	25.71 0.17 0.00	24.92 0.10 0.00	22.96 0.18 0.00	21.83 0.15 0.00	21.09 0.21 0.00	20.50 0.12 0.00	19.77 0.15 0.00	21.64 0.19 0.00	24.53 0.17 0.00	24.36 0.29 0.00	25.79 0.32 0.00	21.63 0.23 0.00	25.02 0.01 0.00	26.79 0.12 0.00	23.02 0.09 0.00
NEG MILLWOOD___DRP 24198	20.31 0.76 0.00	18.89 0.70 0.00	17.63 0.64 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.91 0.00	20.99 1.10 0.00	24.24 1.44 0.00	23.14 1.28 0.00	26.97 1.43 0.00	26.25 1.43 0.00	24.06 1.28 0.00	22.87 1.19 0.00	21.93 1.05 0.00	21.34 0.97 0.00	20.55 0.94 0.00	22.56 1.11 0.00	25.72 1.37 0.00	25.75 1.68 0.00	27.45 1.98 0.00	23.04 1.64 0.00	26.56 1.56 0.00	27.96 1.29 0.00	23.95 1.03 0.00
NEG NORTH_FLCN_SEA 23793	19.12 -0.43 0.00	17.76 -0.42 0.00	16.40 -0.59 0.00	15.24 -0.54 0.00	17.27 -0.48 0.00	20.44 -0.41 0.00	19.40 -0.48 0.00	22.26 -0.53 0.00	21.28 -0.58 0.00	21.54 -0.80 3.20	24.13 -0.69 0.00	22.29 -0.50 0.00	21.33 -0.35 0.00	20.51 -0.37 0.00	20.16 -0.21 0.00	19.62 0.01 0.00	21.50 0.05 0.00	24.26 -0.09 0.00	23.61 -0.45 0.00	24.50 -0.98 0.00	20.75 -0.64 0.00	24.48 -0.53 0.00	26.37 -0.30 0.00	22.72 -0.21 0.00
NEG NORTH_KES_CHATAGAY 23792	18.98 -0.57 0.00	17.64 -0.54 0.00	16.29 -0.71 0.00	15.13 -0.65 0.00	17.14 -0.62 0.00	20.24 -0.62 0.00	19.20 -0.68 0.00	21.99 -0.79 0.00	21.07 -0.79 0.00	21.15 -0.98 3.41	23.92 -0.90 0.00	22.09 -0.69 0.00	21.13 -0.55 0.00	20.35 -0.53 0.00	20.00 -0.37 0.00	19.41 -0.21 0.00	21.25 -0.20 0.00	23.99 -0.37 0.00	23.38 -0.69 0.00	24.34 -1.13 0.00	20.57 -0.83 0.00	24.34 -0.66 0.00	26.21 -0.46 0.00	22.58 -0.35 0.00
NEG NORTH___ALICE_FALLS 23915	19.18 -0.37 0.00	17.81 -0.37 0.00	16.44 -0.56 0.00	15.28 -0.50 0.00	17.31 -0.45 0.00	20.49 -0.37 0.00	19.46 -0.42 0.00	22.36 -0.43 0.00	21.38 -0.48 0.00	21.63 -0.68 3.23	24.25 -0.56 0.00	22.40 -0.39 0.00	21.43 -0.26 0.00	20.61 -0.27 0.00	20.26 -0.11 0.00	19.69 0.08 0.00	21.57 0.12 0.00	24.36 0.01 0.00	23.73 -0.34 0.00	24.66 0.00 0.00	20.86 -0.53 0.00	24.62 -0.39 0.00	26.50 -0.18 0.00	22.82 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	19.18 -0.37 0.00	17.81 -0.37 0.00	16.44 -0.56 0.00	15.28 -0.50 0.00	17.31 -0.45 0.00	20.49 -0.37 0.00	19.46 -0.42 0.00	22.36 -0.43 0.00	21.38 -0.48 0.00	21.63 -0.68 3.23	24.25 -0.56 0.00	22.40 -0.39 0.00	21.43 -0.26 0.00	20.61 -0.27 0.00	20.26 -0.11 0.00	19.69 0.08 0.00	21.57 0.12 0.00	24.36 0.01 0.00	23.73 -0.34 0.00	24.66 -0.81 0.00	20.86 -0.53 0.00	24.62 -0.39 0.00	26.50 -0.18 0.00	22.82 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	19.18 -0.37 0.00	17.81 -0.37 0.00	16.44 -0.56 0.00	15.28 -0.50 0.00	17.31 -0.44 0.00	20.49 -0.37 0.00	19.46 -0.42 0.00	22.36 -0.44 0.00	21.38 -0.48 0.00	21.63 -0.68 3.23	24.26 -0.56 0.00	22.40 -0.39 0.00	21.43 -0.26 0.00	20.61 -0.27 0.00	20.26 -0.11 0.00	19.69 0.08 0.00	21.57 0.12 0.00	24.36 0.01 0.00	23.73 -0.34 0.00	24.66 -0.81 0.00	20.86 -0.53 0.00	24.62 -0.39 0.00	26.50 -0.18 0.00	22.82 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	19.00 -0.55 0.00	17.72 -0.46 0.00	16.68 -0.32 0.00	15.40 -0.38 0.00	17.34 -0.42 0.00	20.18 -0.68 0.00	18.52 -1.36 0.00	21.10 -1.69 0.00	20.32 -1.54 0.00	24.24 -1.30 0.00	23.43 -1.39 0.00	21.49 -1.30 0.00	20.42 -1.27 0.00	19.83 -1.06 0.00	19.36 -1.01 0.00	18.52 -1.09 0.00	19.94 -1.51 0.00	22.69 -1.67 0.00	22.37 -1.70 0.00	23.24 -2.23 0.00	19.48 -1.92 0.00	22.57 -2.43 0.00	24.48 -2.19 0.00	21.37 -1.56 0.00
NEG WEST___LANCASTER 23811	19.78 0.24 0.00	18.44 0.26 0.00	17.32 0.32 0.00	16.01 0.22 0.00	18.02 0.26 0.00	21.00 0.14 0.00	19.39 -0.50 0.00	22.18 -0.61 0.00	21.33 -0.53 0.00	25.46 -0.08 0.00	24.72 -0.10 0.00	22.73 -0.06 0.00	21.60 -0.08 0.00	20.92 0.04 0.00	20.41 0.04 0.00	19.55 -0.07 0.00	21.05 -0.39 0.00	23.90 -0.46 0.00	23.56 -0.50 0.00	24.62 -0.85 0.00	20.60 -0.80 0.00	23.79 -1.22 0.00	25.82 -0.85 0.00	22.43 -0.49 0.00
NEG_PENN_ALLEGHNY 23528	19.63 0.09 0.00	18.25 0.06 0.00	17.09 0.09 0.00	15.82 0.04 0.00	17.81 0.06 0.00	20.95 0.09 0.00	19.94 0.05 0.00	22.92 0.13 0.00	21.90 0.04 0.00	25.61 0.07 0.00	24.85 0.03 0.00	22.88 0.09 0.00	21.77 0.09 0.00	21.00 0.12 0.00	20.46 0.09 0.00	19.64 0.02 0.00	21.47 0.02 0.00	24.37 0.01 0.00	24.21 0.14 0.00	25.68 0.16 -0.05	21.52 0.12 0.00	24.85 -0.15 0.00	26.80 -0.08 -0.20	22.94 -0.12 -0.13
NEG___GEN_MONROE 24207	19.44 -0.10 0.00	18.12 -0.06 0.00	17.02 0.02 0.00	15.77 -0.02 0.00	17.75 0.00 0.00	20.77 -0.09 0.00	19.44 -0.45 0.00	22.21 -0.59 0.00	21.32 -0.53 0.00	25.22 -0.33 0.00	24.40 -0.41 0.00	22.38 -0.40 0.00	21.26 -0.42 0.00	20.64 -0.24 0.00	20.16 -0.21 0.00	19.34 -0.28 0.00	20.95 -0.50 0.00	23.83 -0.53 0.00	23.53 -0.53 0.00	24.66 -0.81 0.00	20.67 -0.73 0.00	23.90 -1.10 0.00	25.76 -0.91 0.00	22.29 -0.63 0.00
NEPA___ENERGY 23901	19.28 -0.27 0.00	17.92 -0.26 0.00	16.84 -0.16 0.00	15.54 -0.24 0.00	17.53 -0.23 0.00	20.53 -0.32 0.00	19.06 -0.83 0.00	21.85 -0.94 0.00	20.84 -1.02 0.00	24.77 -0.77 0.00	23.96 -0.86 0.00	21.91 -0.88 0.00	20.82 -0.87 0.00	20.22 -0.66 0.00	19.78 -0.59 0.00	18.94 -0.67 0.00	20.39 -1.06 0.00	23.28 -1.07 0.00	22.90 -1.16 0.00	23.75 -1.73 0.00	19.93 -1.47 0.00	23.10 -1.91 0.00	25.04 -1.63 0.00	21.74 -1.19 0.00
NEVERSINK___HYD 23608	20.50 0.96 0.00	19.05 0.87 0.00	17.74 0.75 0.00	16.46 0.68 0.00	18.55 0.79 0.00	21.90 1.05 0.00	21.08 1.20 0.00	24.37 1.57 0.00	23.29 1.43 0.00	27.17 1.63 0.00	26.55 1.73 0.00	24.19 1.40 0.00	22.98 1.29 0.00	22.04 1.17 0.00	21.53 1.16 0.00	20.75 1.14 0.00	22.85 1.40 0.00	26.12 1.77 0.00	26.09 2.02 0.00	27.89 2.42 0.00	23.41 2.01 0.00	26.90 1.89 0.00	28.41 1.74 0.00	24.27 1.35 0.00
NEWKRMKL_115KV_TB1 55635	20.02 0.47 0.00	18.62 0.43 0.00	17.39 0.40 0.00	16.15 0.37 0.00	18.19 0.43 0.00	21.42 0.56 0.00	20.53 0.64 0.00	23.64 0.85 0.00	22.54 0.68 0.00	26.21 0.67 0.00	25.46 0.64 0.00	23.37 0.58 0.00	22.25 0.56 0.00	21.39 0.51 0.00	20.85 0.48 0.00	20.09 0.48 0.00	22.04 0.59 0.00	25.06 0.70 0.00	24.96 0.89 0.00	26.51 1.03 0.00	22.27 0.87 0.00	25.83 0.82 0.00	27.26 0.59 0.00	23.42 0.49 0.00

NEWTON___FALLS_HYD 23847	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.66 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00
NGRID_A1_DSASP 323792	18.79 -0.76 0.00	17.56 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.64 0.00	20.70 -2.09 0.00	19.94 -1.91 0.00	23.83 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.18 -1.42 0.01	19.57 -1.88 0.00	22.25 -2.10 0.00	21.91 -2.15 0.00	22.59 -2.71 0.16	19.08 -2.32 0.00	22.12 -2.88 0.00	23.38 -2.62 0.67	20.57 -1.91 0.43
NGRID_A2_DSASP 323793	18.79 -0.76 0.00	17.56 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.64 0.00	20.70 -2.09 0.00	19.94 -1.91 0.00	23.83 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.18 -1.42 0.01	19.57 -1.88 0.00	22.25 -2.10 0.00	21.91 -2.15 0.00	22.59 -2.71 0.16	19.08 -2.32 0.00	22.12 -2.88 0.00	23.38 -2.62 0.67	20.57 -1.91 0.43
NGRID_A4_DSASP 323807	18.79 -0.76 0.00	17.56 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.64 0.00	20.70 -2.09 0.00	19.94 -1.91 0.00	23.83 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.18 -1.42 0.01	19.57 -1.88 0.00	22.25 -2.10 0.00	21.91 -2.15 0.00	22.59 -2.71 0.16	19.08 -2.32 0.00	22.12 -2.88 0.00	23.38 -2.62 0.67	20.57 -1.91 0.43
NIAGARA_115E_LBMP 323715	18.69 -0.86 0.00	17.43 -0.75 0.00	16.41 -0.59 0.00	15.16 -0.62 0.00	17.06 -0.70 0.00	19.82 -1.04 0.00	18.17 -1.71 0.00	20.66 -2.13 0.00	19.91 -1.95 0.00	23.76 -1.78 0.00	22.95 -1.87 0.00	21.06 -1.73 0.00	20.01 -1.67 0.00	19.42 -1.46 0.00	18.97 -1.41 0.00	18.14 -1.47 0.01	19.52 -1.93 0.00	22.21 -2.15 0.00	21.88 -2.19 0.00	22.57 -2.75 0.16	19.05 -2.35 0.00	22.09 -2.92 0.00	23.34 -2.67 0.66	20.56 -1.94 0.43
NIAGARA_115W_LBMP 323714	18.76 -0.79 0.00	17.53 -0.65 0.00	16.51 -0.49 0.00	15.26 -0.53 0.00	17.17 -0.59 0.00	19.94 -0.91 0.00	18.22 -1.67 0.00	20.66 -2.14 0.00	19.90 -1.96 0.00	23.77 -1.77 0.00	22.97 -1.85 0.00	21.09 -1.69 0.00	20.04 -1.65 0.00	19.44 -1.44 0.00	18.97 -1.40 0.00	18.14 -1.46 0.01	19.52 -1.92 0.00	22.20 -2.15 0.00	21.86 -2.20 0.00	22.54 -2.76 0.16	19.04 -2.36 0.00	22.07 -2.93 0.00	23.33 -2.67 0.67	20.54 -1.95 0.43
NIAGARA_230_LBMP 323716	18.83 -0.71 0.00	17.57 -0.62 0.00	16.54 -0.46 0.00	15.29 -0.50 0.00	17.20 -0.55 0.00	19.99 -0.86 0.00	18.34 -1.54 0.00	20.89 -1.90 0.00	20.12 -1.74 0.00	24.03 -1.51 0.00	23.24 -1.58 0.00	21.35 -1.44 0.00	20.28 -1.41 0.00	19.66 -1.22 0.00	19.19 -1.18 0.00	18.35 -1.25 0.01	19.77 -1.68 0.00	22.47 -1.88 0.00	22.13 -1.93 0.00	22.85 -2.46 0.16	19.29 -2.11 0.00	22.36 -2.65 0.00	23.62 -2.39 0.67	20.75 -1.74 0.43
NIAGARA___115KV_198_GIBSON 55903	18.76 -0.79 0.00	17.53 -0.65 0.00	16.51 -0.49 0.00	15.26 -0.52 0.00	17.17 -0.59 0.00	19.95 -0.91 0.00	18.22 -1.67 0.00	20.65 -2.14 0.00	19.90 -1.96 0.00	23.77 -1.77 0.00	22.97 -1.85 0.00	21.09 -1.70 0.00	20.04 -1.65 0.00	19.44 -1.44 0.00	18.97 -1.40 0.00	18.15 -1.46 0.00	19.53 -1.92 0.00	22.20 -2.15 0.00	21.87 -2.19 0.00	22.71 -2.76 0.00	19.04 -2.36 0.00	22.07 -2.93 0.00	23.99 -2.68 0.00	20.97 -1.96 0.00
NIAGARA____ 23760	18.83 -0.71 0.00	17.57 -0.62 0.00	16.54 -0.46 0.00	15.29 -0.50 0.00	17.20 -0.55 0.00	19.99 -0.86 0.00	18.34 -1.54 0.00	20.89 -1.90 0.00	20.12 -1.74 0.00	24.03 -1.51 0.00	23.24 -1.58 0.00	21.35 -1.44 0.00	20.28 -1.41 0.00	19.66 -1.22 0.00	19.19 -1.18 0.00	18.35 -1.25 0.01	19.77 -1.68 0.00	22.47 -1.88 0.00	22.13 -1.93 0.00	22.85 -2.46 0.16	19.29 -2.11 0.00	22.36 -2.65 0.00	23.62 -2.39 0.66	20.75 -1.74 0.43
NINE_MILE_1 23575	19.11 -0.43 0.00	17.80 -0.38 0.00	16.68 -0.32 0.00	15.49 -0.29 0.00	17.40 -0.35 0.00	20.39 -0.47 0.00	19.41 -0.47 0.00	22.20 -0.59 0.00	21.28 -0.58 0.00	24.89 -0.65 0.00	24.17 -0.65 0.00	22.19 -0.60 0.00	21.11 -0.57 0.00	20.37 -0.51 0.00	19.88 -0.49 0.00	19.14 -0.48 0.00	20.89 -0.56 0.00	23.71 -0.65 0.00	23.46 -0.60 0.00	24.81 -0.66 0.00	20.84 -0.56 0.00	24.26 -0.75 0.00	26.03 -0.64 0.00	22.38 -0.54 0.00
NINE_MILE_2 23744	19.12 -0.43 0.00	17.81 -0.38 0.00	16.68 -0.32 0.00	15.49 -0.29 0.00	17.40 -0.35 0.00	20.39 -0.46 0.00	19.42 -0.47 0.00	22.20 -0.59 0.00	21.28 -0.58 0.00	24.90 -0.65 0.00	24.17 -0.65 0.00	22.20 -0.59 0.00	21.11 -0.57 0.00	20.37 -0.51 0.00	19.89 -0.49 0.00	19.14 -0.48 0.00	20.89 -0.56 0.00	23.71 -0.65 0.00	23.46 -0.60 0.00	24.81 -0.66 0.00	20.84 -0.55 0.00	24.26 -0.74 0.00	26.03 -0.64 0.00	22.39 -0.54 0.00
NM_CAPITAL___DRP 24208	19.96 0.41 0.00	18.55 0.37 0.00	17.33 0.34 0.00	16.10 0.32 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.09 0.55 0.00	25.33 0.51 0.00	23.26 0.47 0.00	22.14 0.46 0.00	21.29 0.41 0.00	20.75 0.38 0.00	19.98 0.38 0.00	21.93 0.48 0.00	24.93 0.57 0.00	24.82 0.76 0.00	26.37 0.90 0.00	22.17 0.77 0.00	25.72 0.71 0.00	27.13 0.46 0.00	23.32 0.39 0.00
NM_CENTRAL___DRP 24181	19.45 -0.10 0.00	18.10 -0.08 0.00	16.95 -0.04 0.00	15.74 -0.04 0.00	17.69 -0.06 0.00	20.76 -0.09 0.00	19.77 -0.11 0.00	22.60 -0.19 0.00	21.67 -0.19 0.00	25.35 -0.19 0.00	24.63 -0.19 0.00	22.60 -0.19 0.00	21.48 -0.20 0.00	20.74 -0.14 0.00	20.24 -0.13 0.00	19.47 -0.14 0.00	21.26 -0.19 0.00	24.11 -0.25 0.00	23.84 -0.22 0.00	25.21 -0.27 0.00	21.16 -0.24 0.00	24.63 -0.37 0.00	26.44 -0.23 0.00	22.71 -0.21 0.00
NM_FRONTIER___DRP 24179	18.76 -0.79 0.00	17.53 -0.65 0.00	16.51 -0.49 0.00	15.26 -0.52 0.00	17.17 -0.59 0.00	19.95 -0.91 0.00	18.22 -1.67 0.00	20.65 -2.14 0.00	19.90 -1.96 0.00	23.77 -1.77 0.00	22.97 -1.85 0.00	21.09 -1.70 0.00	20.04 -1.65 0.00	19.44 -1.44 0.00	18.97 -1.40 0.00	18.15 -1.46 0.00	19.53 -1.92 0.00	22.20 -2.15 0.00	21.87 -2.19 0.00	22.71 -2.76 0.00	19.04 -2.36 0.00	22.07 -2.93 0.00	23.99 -2.68 0.00	20.97 -1.96 0.00
NM_ST_REGIS___HYD 24053	18.93 -0.62 0.00	17.56 -0.62 0.00	16.32 -0.68 0.00	15.17 -0.61 0.00	17.12 -0.64 0.00	20.14 -0.72 0.00	19.10 -0.78 0.00	21.85 -0.94 0.00	21.00 -0.86 0.00	25.45 -0.94 -0.84	23.93 -0.89 0.00	22.00 -0.79 0.00	20.96 -0.73 0.00	20.16 -0.72 0.00	19.79 -0.59 0.00	19.11 -0.50 0.00	20.89 -0.56 0.00	23.68 -0.67 0.00	23.11 -0.96 0.00	24.29 -1.18 0.00	20.43 -0.97 0.00	24.23 -0.77 0.00	26.04 -0.64 0.00	22.40 -0.52 0.00

NORTHPORT___1 23551	20.56 1.02 0.00	19.15 0.97 0.00	17.84 0.84 0.00	16.55 0.77 0.00	18.61 0.85 0.00	21.95 1.09 0.00	21.11 1.23 0.00	24.19 1.41 0.00	23.05 1.19 0.00	27.07 1.53 0.00	26.59 1.73 -0.03	24.22 1.43 0.00	23.53 1.44 -0.41	22.27 1.22 -0.17	21.69 1.05 -0.27	21.85 1.03 -1.21	23.19 1.25 -0.49	26.61 1.49 -0.76	28.57 1.98 -2.53	28.39 2.10 -0.82	24.13 1.74 -0.98	27.10 1.81 -0.29	28.60 1.64 -0.28	24.48 1.38 -0.18
NORTHPORT___2 23552	20.56 1.02 0.00	19.15 0.97 0.00	17.84 0.84 0.00	16.55 0.77 0.00	18.61 0.85 0.00	21.95 1.09 0.00	21.11 1.23 0.00	24.19 1.41 0.00	23.05 1.19 0.00	27.07 1.53 0.00	26.59 1.73 -0.03	24.22 1.43 0.00	23.53 1.44 -0.41	22.27 1.22 -0.17	21.69 1.05 -0.27	21.85 1.03 -1.21	23.19 1.25 -0.49	26.61 1.49 -0.76	28.57 1.98 -2.53	28.39 2.10 -0.82	24.13 1.74 -0.98	27.10 1.81 -0.29	28.60 1.64 -0.28	24.48 1.38 -0.18
NORTHPORT___3 23553	20.46 0.91 0.00	19.04 0.86 0.00	17.76 0.77 0.00	16.50 0.72 0.00	18.57 0.82 0.00	21.92 1.06 0.00	21.11 1.22 0.00	24.25 1.46 0.00	23.10 1.24 0.00	27.09 1.55 0.00	26.53 1.67 -0.03	24.19 1.40 0.00	23.48 1.38 -0.42	22.23 1.18 -0.17	21.68 1.04 -0.27	21.84 0.99 -1.23	23.17 1.23 -0.50	26.63 1.50 -0.78	28.62 1.99 -2.57	28.37 2.06 -0.84	24.09 1.69 -1.00	26.99 1.69 -0.29	28.45 1.49 -0.29	24.33 1.22 -0.18
NORTHPORT___4 23650	20.46 0.91 0.00	19.04 0.86 0.00	17.76 0.77 0.00	16.50 0.72 0.00	18.57 0.82 0.00	21.92 1.06 0.00	21.11 1.22 0.00	24.25 1.46 0.00	23.10 1.24 0.00	27.09 1.55 0.00	26.53 1.67 -0.03	24.19 1.40 0.00	23.48 1.38 -0.42	22.23 1.18 -0.17	21.68 1.04 -0.27	21.84 0.99 -1.23	23.17 1.23 -0.50	26.63 1.50 -0.78	28.62 1.99 -2.57	28.37 2.06 -0.84	24.09 1.69 -1.00	26.99 1.69 -0.29	28.45 1.49 -0.29	24.33 1.22 -0.18
NORTHPORT___IC 23718	20.56 1.02 0.00	19.15 0.97 0.00	17.84 0.85 0.00	16.55 0.77 0.00	18.61 0.85 0.00	21.94 1.09 0.00	21.11 1.22 0.00	24.19 1.41 0.00	23.05 1.19 0.00	27.07 1.53 0.00	26.59 1.73 -0.03	24.22 1.43 0.00	23.53 1.44 -0.41	22.27 1.22 -0.17	21.69 1.05 -0.27	21.85 1.03 -1.21	23.19 1.24 -0.49	26.61 1.49 -0.76	28.56 1.97 -2.53	28.40 2.10 -0.82	24.13 1.74 -0.98	27.10 1.81 -0.29	28.60 1.64 -0.28	24.48 1.38 -0.18
NORTH___COUNTRY_ESR 323785	18.91 -0.63 0.00	17.57 -0.61 0.00	16.22 -0.78 0.00	15.06 -0.72 0.00	17.06 -0.70 0.00	20.15 -0.70 0.00	19.11 -0.77 0.00	21.91 -0.89 0.00	20.97 -0.88 0.00	21.05 -1.08 3.41	23.84 -0.98 0.00	22.01 -0.78 0.00	21.05 -0.63 0.00	20.27 -0.61 0.00	19.92 -0.45 0.00	19.33 -0.28 0.00	21.16 -0.29 0.00	23.89 -0.46 0.00	23.24 -0.82 0.00	24.20 -1.27 0.00	20.44 -0.96 0.00	24.23 -0.78 0.00	26.09 -0.59 0.00	22.48 -0.44 0.00
NPX_GEN_1385_PROXY 323591	20.51 0.96 0.00	19.09 0.91 0.00	17.79 0.79 0.00	16.50 0.72 0.00	18.54 0.79 0.00	21.95 1.09 0.00	21.11 1.22 0.00	24.12 1.32 0.00	22.94 1.08 0.00	26.85 1.31 0.00	26.59 1.73 -0.03	24.22 1.43 0.00	2.06 1.44 21.06	-2.43 1.21 24.51	21.42 0.78 -0.27	21.56 0.74 -1.21	22.85 0.91 -0.49	26.22 1.10 -0.76	28.21 1.62 -2.53	27.81 1.52 -0.82	23.67 1.29 -0.98	26.58 1.29 -0.29	28.17 1.21 -0.28	24.23 1.13 -0.18
NPX_GEN_CSC 323557	20.87 1.32 0.00	19.42 1.24 0.00	18.10 1.10 0.00	16.79 1.01 0.00	18.90 1.15 0.00	22.30 1.45 0.00	21.37 1.48 0.00	24.22 1.43 0.00	22.98 1.12 0.00	27.20 1.66 0.00	26.66 1.80 -0.04	23.96 1.18 0.00	23.49 1.32 -0.48	22.00 0.92 -0.20	21.41 0.72 -0.32	21.80 0.77 -1.43	23.10 1.07 -0.58	26.55 1.30 -0.89	29.22 2.22 -2.94	28.64 2.21 -0.96	24.35 1.81 -1.15	27.37 2.03 -0.33	28.71 1.71 -0.33	24.64 1.50 -0.21
NSINS_S_GLNS_FALLS 23858	20.16 0.61 0.00	18.73 0.55 0.00	17.48 0.48 0.00	16.25 0.46 0.00	18.31 0.55 0.00	21.64 0.79 0.00	20.85 0.97 0.00	24.01 1.22 0.00	22.85 1.00 0.00	26.30 0.76 0.00	25.60 0.78 0.00	23.54 0.75 0.00	22.35 0.66 0.00	21.42 0.54 0.00	20.87 0.49 0.00	20.16 0.55 0.00	22.24 0.79 0.00	25.44 1.08 0.00	25.39 1.33 0.00	26.93 1.45 0.00	22.65 1.26 0.00	26.19 1.18 0.00	27.49 0.82 0.00	23.56 0.64 0.00
NUCOR_STEEL___DRP 24197	19.70 0.15 0.00	18.37 0.19 0.00	17.21 0.21 0.00	15.95 0.16 0.00	17.97 0.21 0.00	21.11 0.25 0.00	20.11 0.22 0.00	23.02 0.22 0.00	22.04 0.18 0.00	25.68 0.13 0.00	24.90 0.08 0.00	22.96 0.17 0.00	21.82 0.13 0.00	21.08 0.20 0.00	20.47 0.10 0.00	19.76 0.14 0.00	21.62 0.17 0.00	24.50 0.14 0.00	24.33 0.26 0.00	25.76 0.29 0.00	21.60 0.20 0.00	25.01 0.01 0.00	26.79 0.12 0.00	23.03 0.10 0.00
NUMBER_THREE_WT_PWR 323818	19.22 -0.33 0.00	17.64 -0.54 0.00	16.33 -0.66 0.00	15.31 -0.47 0.00	17.31 -0.44 0.00	20.15 -0.71 0.00	19.09 -0.79 0.00	21.93 -0.87 0.00	21.05 -0.81 0.00	24.81 -0.88 -0.15	24.02 -0.80 0.00	22.01 -0.77 0.00	20.81 -0.87 0.00	19.98 -0.90 0.00	19.62 -0.75 0.00	18.90 -0.71 0.00	20.80 -0.65 0.00	23.77 -0.58 0.00	23.46 -0.60 0.00	24.78 -0.69 0.00	20.86 -0.54 0.00	24.53 -0.48 0.00	26.49 -0.19 0.00	22.71 -0.21 0.00
NYISO_LBMP_REFERENCE 24008	19.55 0.00 0.00	18.18 0.00 0.00	16.99 0.00 0.00	15.78 0.00 0.00	17.75 0.00 0.00	20.86 0.00 0.00	19.89 0.00 0.00	22.79 0.00 0.00	21.86 0.00 0.00	25.54 0.00 0.00	24.82 0.00 0.00	22.79 0.00 0.00	21.68 0.00 0.00	20.88 0.00 0.00	20.37 0.00 0.00	19.61 0.00 0.00	21.45 0.00 0.00	24.36 0.00 0.00	24.06 0.00 0.00	25.47 0.00 0.00	21.40 0.00 0.00	25.00 0.00 0.00	26.67 0.00 0.00	22.93 0.00 0.00
NYPA_BRENTWD___GT 24164	20.75 1.21 0.00	19.31 1.13 0.00	17.99 1.00 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.18 1.32 0.00	21.36 1.47 0.00	24.52 1.73 0.00	23.35 1.49 0.00	27.40 1.85 0.00	26.80 1.94 -0.04	24.38 1.59 0.00	23.85 1.59 -0.57	22.48 1.37 -0.24	21.97 1.23 -0.37	22.50 1.20 -1.68	23.61 1.47 -0.68	27.19 1.79 -1.04	29.83 2.34 -3.43	29.11 2.52 -1.12	24.81 2.08 -1.34	27.56 2.17 -0.39	29.03 1.96 -0.40	24.79 1.62 -0.24
NYPA_GOWANUS___GT5 24156	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00
NYPA_GOWANUS___GT6 24157	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.43 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.10 1.43 0.00	24.08 1.16 0.00

NYPA_HARLEM__RVR__GT1 24160	20.22 0.68 0.02	18.85 0.67 0.00	17.58 0.58 0.00	16.32 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.93 1.05 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.01	26.36 1.55 0.01	24.15 1.37 0.01	22.97 1.29 0.01	22.02 1.15 0.01	21.41 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.42 0.01	25.78 1.72 0.00	27.53 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.92 0.99 0.00
NYPA_HARLEM__RVR__GT2 24161	20.22 0.68 0.02	18.85 0.67 0.00	17.58 0.58 0.00	16.32 0.54 0.00	18.38 0.63 0.00	21.68 0.83 0.01	20.93 1.05 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.01	26.36 1.55 0.01	24.15 1.37 0.01	22.97 1.29 0.01	22.02 1.15 0.01	21.41 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.42 0.01	25.78 1.72 0.00	27.53 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.92 0.99 0.00
NYPA_KENT____GT 24152	20.37 0.82 0.00	18.94 0.76 0.00	17.66 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.07 1.18 0.00	24.34 1.55 0.00	23.30 1.44 0.00	27.24 1.69 0.00	26.52 1.70 0.00	24.28 1.49 0.00	23.08 1.40 0.00	22.15 1.26 0.00	21.53 1.16 0.00	20.72 1.10 0.00	22.75 1.30 0.00	25.91 1.56 0.00	25.94 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.69 0.00	28.10 1.43 0.00	24.07 1.15 0.00
NYPA_POUCH1____GT 24155	20.31 0.76 0.00	18.89 0.71 0.00	17.62 0.62 0.00	16.37 0.59 0.00	18.44 0.68 0.00	21.78 0.93 0.00	21.01 1.12 0.00	24.25 1.46 0.00	23.20 1.34 0.00	27.12 1.57 0.00	26.39 1.57 0.00	24.16 1.37 0.00	22.97 1.29 0.00	22.04 1.16 0.00	21.43 1.06 0.00	20.61 1.00 0.00	22.63 1.18 0.00	25.80 1.44 0.00	25.84 1.77 0.00	27.60 2.13 0.00	23.12 1.72 0.00	26.61 1.60 0.00	28.06 1.39 0.00	24.04 1.11 0.00
NYPA_VERNON____GT2 24162	20.37 0.82 0.00	18.95 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.49 0.73 0.00	21.83 0.97 0.00	21.07 1.18 0.00	24.34 1.55 0.00	23.30 1.45 0.00	27.25 1.71 0.00	26.54 1.72 0.00	24.30 1.51 0.00	23.10 1.42 0.00	22.16 1.28 0.00	21.54 1.17 0.00	20.73 1.12 0.00	22.76 1.31 0.00	25.93 1.57 0.00	25.95 1.89 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.70 1.69 0.00	28.10 1.43 0.00	24.07 1.14 0.00
NYPA_VERNON____GT3 24163	20.37 0.82 0.00	18.95 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.49 0.73 0.00	21.83 0.97 0.00	21.07 1.18 0.00	24.34 1.55 0.00	23.30 1.45 0.00	27.25 1.71 0.00	26.54 1.72 0.00	24.30 1.51 0.00	23.10 1.42 0.00	22.16 1.28 0.00	21.54 1.17 0.00	20.73 1.12 0.00	22.76 1.31 0.00	25.93 1.57 0.00	25.95 1.89 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.70 1.69 0.00	28.10 1.43 0.00	24.07 1.14 0.00
NYPA__ASTORIA_CC1 323568	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.90 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.38 0.00	24.04 1.12 0.00
NYPA__ASTORIA_CC2 323569	20.35 0.80 0.00	18.94 0.76 0.00	17.66 0.66 0.00	16.40 0.62 0.00	18.47 0.72 0.00	21.82 0.96 0.00	21.05 1.16 0.00	24.31 1.52 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.27 1.49 0.00	23.07 1.39 0.00	22.14 1.25 0.00	21.52 1.15 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.90 1.54 0.00	25.91 1.85 0.00	27.64 2.16 0.00	23.16 1.76 0.00	26.67 1.66 0.00	28.06 1.38 0.00	24.04 1.12 0.00
NYPA__HOLTSVILL 23794	20.67 1.12 0.00	19.24 1.06 0.00	17.93 0.93 0.00	16.63 0.85 0.00	18.73 0.97 0.00	22.09 1.23 0.00	21.24 1.36 0.00	24.34 1.55 0.00	23.16 1.30 0.00	27.23 1.69 0.00	26.64 1.78 -0.04	24.18 1.40 0.00	23.59 1.43 -0.47	22.25 1.17 -0.20	21.71 1.02 -0.31	22.03 1.02 -1.40	23.31 1.29 -0.57	26.79 1.56 -0.88	29.14 2.18 -2.90	28.74 2.32 -0.94	24.44 1.91 -1.13	27.34 2.00 -0.33	28.78 1.78 -0.33	24.61 1.48 -0.20
NYPA__HELLGATE_GT1 24158	20.23 0.68 0.00	18.86 0.67 0.00	17.58 0.58 0.00	16.32 0.54 0.00	18.38 0.63 0.00	21.69 0.83 0.00	20.93 1.05 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.01	26.36 1.55 0.01	24.15 1.37 0.01	22.97 1.29 0.01	22.02 1.15 0.01	21.41 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.42 0.01	25.78 1.72 0.00	27.53 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.92 0.99 0.00
NYPA__HELLGATE_GT2 24159	20.23 0.68 0.00	18.86 0.67 0.00	17.58 0.58 0.00	16.32 0.54 0.00	18.38 0.63 0.00	21.69 0.83 0.00	20.93 1.05 0.00	24.18 1.39 0.00	23.17 1.31 0.00	27.06 1.52 0.01	26.36 1.55 0.01	24.15 1.37 0.01	22.97 1.29 0.01	22.02 1.15 0.01	21.41 1.04 0.01	20.60 0.99 0.01	22.62 1.18 0.01	25.76 1.42 0.01	25.78 1.72 0.00	27.53 2.06 0.00	23.08 1.68 0.00	26.55 1.55 0.00	27.90 1.23 0.00	23.92 0.99 0.00
NYS_BARGE__HYD 23848	19.01 -0.54 0.00	17.73 -0.46 0.00	16.68 -0.31 0.00	15.42 -0.37 0.00	17.35 -0.41 0.00	20.18 -0.68 0.00	18.54 -1.34 0.00	21.13 -1.66 0.00	20.34 -1.52 0.00	24.26 -1.28 0.00	23.44 -1.38 0.00	21.50 -1.29 0.00	20.42 -1.26 0.00	19.84 -1.04 0.00	19.38 -1.00 0.00	18.53 -1.07 0.01	19.96 -1.50 0.00	22.71 -1.65 0.00	22.39 -1.68 0.00	23.13 -2.20 0.15	19.51 -1.89 0.00	22.60 -2.41 0.00	23.91 -2.16 0.60	21.01 -1.53 0.39
OAK ORCHARD__HYD 24046	19.33 -0.22 0.00	18.00 -0.18 0.00	16.90 -0.09 0.00	15.66 -0.12 0.00	17.63 -0.12 0.00	20.61 -0.25 0.00	19.31 -0.58 0.00	22.08 -0.71 0.00	21.20 -0.65 0.00	25.07 -0.48 0.00	24.29 -0.53 0.00	22.29 -0.50 0.00	21.19 -0.50 0.00	20.53 -0.35 0.00	20.03 -0.34 0.00	19.22 -0.39 0.00	20.85 -0.60 0.00	23.69 -0.67 0.00	23.40 -0.67 0.00	24.46 -0.93 0.08	20.57 -0.82 0.00	23.80 -1.20 0.00	25.34 -1.02 0.31	21.98 -0.75 0.20
OAKDALE__35_KV_LOAD 356122	19.64 0.09 0.00	18.26 0.07 0.00	17.09 0.09 0.00	15.83 0.05 0.00	17.82 0.07 0.00	20.95 0.10 0.00	19.93 0.05 0.00	22.91 0.12 0.00	21.89 0.04 0.00	25.59 0.05 0.00	24.84 0.02 0.00	22.87 0.08 0.00	21.76 0.07 0.00	20.98 0.10 0.00	20.45 0.07 0.00	19.62 0.01 0.00	21.44 0.00 0.00	24.34 -0.02 0.00	24.17 0.11 0.00	25.59 0.12 0.00	21.50 0.10 0.00	24.83 -0.17 0.00	26.58 -0.09 0.00	22.80 -0.12 0.00
OCC_CHEM__DRP 24175	18.79 -0.76 0.00	17.55 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.63 0.00	20.70 -2.09 0.00	19.95 -1.91 0.00	23.82 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.19 -1.42 0.00	19.57 -1.88 0.00	22.25 -2.10 0.00	21.92 -2.14 0.00	22.76 -2.71 0.00	19.07 -2.33 0.00	22.12 -2.89 0.00	24.04 -2.63 0.00	21.01 -1.92 0.00

OH_GEN_PROXY 24063	18.86 -0.69 0.00	17.58 -0.60 0.00	16.56 -0.44 0.00	15.31 -0.48 0.00	17.22 -0.53 0.00	20.03 -0.83 0.00	18.41 -1.47 0.00	20.99 -1.80 0.00	20.21 -1.65 0.00	24.14 -1.41 0.00	23.35 -1.47 0.00	21.45 -1.34 0.00	20.38 -1.30 0.00	19.76 -1.13 0.00	19.27 -1.10 0.00	18.43 -1.17 0.01	19.87 -1.58 0.00	22.57 -1.78 0.00	22.24 -1.83 0.00	22.96 -2.34 0.17	19.40 -2.00 0.00	22.47 -2.53 0.00	23.69 -2.27 0.71	20.79 -1.67 0.46
OLIN_CORP_DRP 24177	18.73 -0.82 0.00	17.47 -0.72 0.00	16.44 -0.55 0.00	15.19 -0.59 0.00	17.09 -0.67 0.00	19.87 -0.99 0.00	18.22 -1.66 0.00	20.72 -2.08 0.00	19.95 -1.90 0.00	23.82 -1.72 0.00	23.01 -1.81 0.00	21.12 -1.67 0.00	20.06 -1.63 0.00	19.46 -1.42 0.00	19.01 -1.36 0.00	18.18 -1.43 0.00	19.56 -1.89 0.00	22.26 -2.10 0.00	21.94 -2.12 0.00	22.78 -2.69 0.00	19.10 -2.30 0.00	22.14 -2.87 0.00	24.04 -2.63 0.00	21.02 -1.91 0.00
OLIN_CORP_DSASP 323712	18.79 -0.76 0.00	17.56 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.64 0.00	20.70 -2.09 0.00	19.94 -1.91 0.00	23.83 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.18 -1.42 0.01	19.57 -1.88 0.00	22.25 -2.10 0.00	21.91 -2.15 0.00	22.59 -2.71 0.16	19.08 -2.32 0.00	22.12 -2.88 0.00	23.38 -2.62 0.67	20.57 -1.91 0.43
ONEIDA_HERK_LFGE 323681	19.67 0.13 0.00	18.20 0.01 0.00	16.95 -0.05 0.00	15.80 0.01 0.00	17.82 0.06 0.00	20.88 0.02 0.00	19.91 0.02 0.00	22.88 0.09 0.00	21.95 0.09 0.00	25.74 0.13 -0.07	24.99 0.17 0.00	22.94 0.15 0.00	21.76 0.08 0.00	20.93 0.04 0.00	20.46 0.09 0.00	19.68 0.07 0.00	21.59 0.14 0.00	24.61 0.26 0.00	24.35 0.28 0.00	25.77 0.29 0.00	21.64 0.24 0.00	25.27 0.27 0.00	27.04 0.37 0.00	23.18 0.26 0.00
ONEIDA___115KV_TB4 55905	19.98 0.43 0.00	18.55 0.36 0.00	17.34 0.35 0.00	16.12 0.33 0.00	18.15 0.39 0.00	21.34 0.48 0.00	20.40 0.51 0.00	23.42 0.63 0.00	22.45 0.59 0.00	26.23 0.68 0.00	25.51 0.69 0.00	23.51 0.72 0.00	22.34 0.66 0.00	21.52 0.64 0.00	21.00 0.63 0.00	20.14 0.53 0.00	22.01 0.56 0.00	25.08 0.72 0.00	24.84 0.78 0.00	26.29 0.82 0.00	22.06 0.66 0.00	25.65 0.64 0.00	27.37 0.70 0.00	23.45 0.53 0.00
ONONDAGA_REF_OCCRA 23987	19.57 0.03 0.00	18.21 0.03 0.00	17.06 0.06 0.00	15.84 0.06 0.00	17.80 0.04 0.00	20.90 0.04 0.00	19.91 0.03 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.53 -0.01 0.00	24.79 -0.03 0.00	22.77 -0.01 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.29 -0.06 0.00	24.06 -0.01 0.00	25.44 -0.03 0.00	21.36 -0.04 0.00	24.83 -0.17 0.00	26.63 -0.04 0.00	22.87 -0.06 0.00
ONONDAGA___COGEN 23986	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00
ONTARIO___LFGE 23819	19.99 0.45 0.00	18.61 0.43 0.00	17.45 0.45 0.00	16.13 0.35 0.00	18.16 0.40 0.00	21.36 0.51 0.00	20.39 0.50 0.00	23.30 0.51 0.00	22.20 0.34 0.00	25.89 0.35 0.00	25.02 0.20 0.00	22.98 0.19 0.00	21.88 0.19 0.00	21.04 0.16 0.00	20.63 0.26 0.00	19.79 0.17 0.00	21.70 0.25 0.00	24.60 0.25 0.00	24.58 0.51 0.00	26.08 0.52 -0.09	21.85 0.45 0.00	24.60 -0.40 0.00	26.41 -0.27 0.00	22.65 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	19.06 -0.48 0.00	17.78 -0.40 0.00	16.70 -0.30 0.00	15.33 -0.46 0.00	17.20 -0.56 0.00	20.04 -0.82 0.00	18.44 -1.45 0.00	21.03 -1.77 0.00	20.18 -1.68 0.00	23.97 -1.57 0.00	23.23 -1.59 0.00	21.29 -1.50 0.00	20.31 -1.38 0.00	19.75 -1.14 0.00	19.27 -1.10 0.00	18.41 -1.19 0.01	19.83 -1.62 0.00	22.59 -1.76 0.00	22.36 -1.70 0.00	23.05 -2.25 0.17	19.45 -1.95 0.00	22.55 -2.46 0.00	23.71 -2.25 0.71	20.78 -1.69 0.46
ORANGEVILLE___ESR 323794	19.06 -0.48 0.00	17.78 -0.40 0.00	16.70 -0.30 0.00	15.33 -0.46 0.00	17.20 -0.56 0.00	20.04 -0.82 0.00	18.44 -1.45 0.00	21.03 -1.77 0.00	20.18 -1.68 0.00	23.97 -1.57 0.00	23.23 -1.59 0.00	21.29 -1.50 0.00	20.31 -1.38 0.00	19.75 -1.14 0.00	19.27 -1.10 0.00	18.41 -1.19 0.01	19.83 -1.62 0.00	22.59 -1.76 0.00	22.36 -1.70 0.00	23.05 -2.25 0.17	19.45 -1.95 0.00	22.55 -2.46 0.00	23.71 -2.25 0.71	20.78 -1.69 0.46
OSWEGATCHIE___HYD 24044	18.82 -0.72 0.00	17.37 -0.81 0.00	16.14 -0.86 0.00	15.06 -0.72 0.00	17.00 -0.76 0.00	19.89 -0.97 0.00	18.87 -1.01 0.00	21.62 -1.17 0.00	20.76 -1.10 0.00	24.67 -1.21 -0.33	23.67 -1.15 0.00	21.72 -1.07 0.00	20.59 -1.09 0.00	19.79 -1.09 0.00	19.42 -0.95 0.00	18.75 -0.87 0.00	20.55 -0.90 0.00	23.39 -0.97 0.00	22.98 -1.09 0.00	24.25 -1.22 0.00	20.39 -1.01 0.00	24.07 -0.94 0.00	25.92 -0.75 0.00	22.26 -0.66 0.00
OSWEGO___5 23606	19.23 -0.32 0.00	17.90 -0.28 0.00	16.77 -0.23 0.00	15.57 -0.21 0.00	17.50 -0.26 0.00	20.51 -0.34 0.00	19.53 -0.35 0.00	22.34 -0.45 0.00	21.41 -0.45 0.00	25.05 -0.50 0.00	24.32 -0.50 0.00	22.33 -0.46 0.00	21.24 -0.44 0.00	20.50 -0.38 0.00	20.00 -0.37 0.00	19.25 -0.37 0.00	21.01 -0.44 0.00	23.85 -0.50 0.00	23.61 -0.46 0.00	24.96 -0.51 0.00	20.97 -0.43 0.00	24.40 -0.61 0.00	26.16 -0.51 0.00	22.49 -0.44 0.00
OSWEGO___6 23613	19.23 -0.32 0.00	17.90 -0.28 0.00	16.77 -0.23 0.00	15.57 -0.21 0.00	17.50 -0.26 0.00	20.51 -0.34 0.00	19.53 -0.35 0.00	22.34 -0.45 0.00	21.41 -0.45 0.00	25.05 -0.50 0.00	24.32 -0.50 0.00	22.33 -0.46 0.00	21.24 -0.44 0.00	20.50 -0.38 0.00	20.00 -0.37 0.00	19.25 -0.37 0.00	21.01 -0.44 0.00	23.85 -0.50 0.00	23.61 -0.46 0.00	24.96 -0.51 0.00	20.97 -0.43 0.00	24.40 -0.61 0.00	26.16 -0.51 0.00	22.49 -0.44 0.00
OUTOKUMPU-AB___DRP 24206	19.19 -0.36 0.00	17.90 -0.28 0.00	16.85 -0.14 0.00	15.56 -0.22 0.00	17.52 -0.24 0.00	20.40 -0.46 0.00	18.74 -1.15 0.00	21.32 -1.47 0.00	20.53 -1.32 0.00	24.51 -1.04 0.00	23.68 -1.14 0.00	21.73 -1.06 0.00	20.65 -1.04 0.00	20.04 -0.84 0.00	19.57 -0.81 0.00	18.72 -0.89 0.00	20.15 -1.30 0.00	22.92 -1.44 0.00	22.59 -1.47 0.00	23.49 -1.99 0.00	19.68 -1.72 0.00	22.80 -2.20 0.00	24.74 -1.93 0.00	21.56 -1.36 0.00
OXBOW___BTM 323836	19.00 -0.55 0.00	17.73 -0.45 0.00	16.70 -0.30 0.00	15.43 -0.35 0.00	17.36 -0.39 0.00	20.19 -0.66 0.00	18.51 -1.38 0.00	21.03 -1.76 0.00	20.26 -1.60 0.00	24.19 -1.36 0.00	23.38 -1.44 0.00	21.45 -1.34 0.00	20.38 -1.30 0.00	19.78 -1.11 0.00	19.31 -1.06 0.00	18.46 -1.14 0.01	19.87 -1.57 0.00	22.61 -1.75 0.00	22.27 -1.79 0.00	22.98 -2.33 0.16	19.40 -2.00 0.00	22.48 -2.52 0.00	23.75 -2.25 0.67	20.87 -1.62 0.43

OXBOW____ 24026	19.00 -0.55 0.00	17.73 -0.45 0.00	16.70 -0.30 0.00	15.43 -0.35 0.00	17.36 -0.39 0.00	20.20 -0.66 0.00	18.51 -1.38 0.00	21.03 -1.76 0.00	20.26 -1.60 0.00	24.18 -1.36 0.00	23.38 -1.44 0.00	21.45 -1.33 0.00	20.38 -1.30 0.00	19.78 -1.11 0.00	19.31 -1.06 0.00	18.47 -1.14 0.00	19.87 -1.57 0.00	22.61 -1.75 0.00	22.28 -1.79 0.00	23.14 -2.33 0.00	19.40 -2.00 0.00	22.48 -2.52 0.00	24.40 -2.26 0.00	21.30 -1.63 0.00
OXY_CHEM_DSASP 323612	18.79 -0.76 0.00	17.55 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.63 0.00	20.70 -2.09 0.00	19.95 -1.91 0.00	23.82 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.19 -1.42 0.00	19.57 -1.88 0.00	22.25 -2.10 0.00	21.92 -2.14 0.00	22.76 -2.71 0.00	19.07 -2.33 0.00	22.12 -2.89 0.00	24.04 -2.63 0.00	21.01 -1.92 0.00
OZONE_PARK_ESR 323760	20.48 0.93 0.00	19.03 0.85 0.00	17.75 0.75 0.00	16.49 0.71 0.00	18.57 0.81 0.00	21.93 1.08 0.00	21.18 1.30 0.00	24.50 1.71 0.00	23.45 1.59 0.00	27.43 1.88 0.00	26.70 1.88 0.00	24.45 1.67 0.00	23.25 1.57 0.00	22.30 1.42 0.00	21.68 1.31 0.00	20.87 1.25 0.00	22.90 1.45 0.00	26.09 1.74 0.00	26.14 2.08 0.00	27.91 2.44 0.00	23.39 1.99 0.00	26.91 1.90 0.00	28.31 1.64 0.00	24.22 1.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.79 -0.76 0.00	17.55 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.63 0.00	20.70 -2.09 0.00	19.95 -1.91 0.00	23.82 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.19 -1.42 0.00	19.57 -1.88 0.00	22.25 -2.10 0.00	21.92 -2.14 0.00	22.76 -2.71 0.00	19.07 -2.33 0.00	22.12 -2.89 0.00	24.04 -2.63 0.00	21.01 -1.92 0.00
PACKARD__115KV_DUPONT_184 80571	18.79 -0.76 0.00	17.55 -0.63 0.00	16.53 -0.46 0.00	15.28 -0.51 0.00	17.19 -0.57 0.00	19.98 -0.88 0.00	18.25 -1.63 0.00	20.70 -2.09 0.00	19.95 -1.91 0.00	23.82 -1.72 0.00	23.02 -1.80 0.00	21.14 -1.65 0.00	20.08 -1.61 0.00	19.48 -1.40 0.00	19.01 -1.36 0.00	18.19 -1.42 0.00	19.57 -1.88 0.00	22.25 -2.10 0.00	21.92 -2.14 0.00	22.76 -2.71 0.00	19.07 -2.33 0.00	22.12 -2.89 0.00	24.04 -2.63 0.00	21.01 -1.92 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.29 0.74 0.00	18.90 0.72 0.00	17.62 0.63 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.75 0.90 0.00	20.97 1.09 0.00	24.19 1.40 0.00	23.17 1.31 0.00	27.07 1.52 0.00	26.35 1.54 0.00	24.13 1.34 0.00	22.94 1.26 0.00	22.01 1.13 0.00	21.39 1.02 0.00	20.58 0.97 0.00	22.60 1.15 0.00	25.74 1.39 0.00	25.77 1.70 0.00	27.52 2.05 0.00	23.06 1.67 0.00	26.54 1.54 0.00	27.91 1.24 0.00	23.94 1.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.29 0.74 0.00	18.90 0.72 0.00	17.62 0.63 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.78 0.93 0.00	21.02 1.13 0.00	24.28 1.49 0.00	23.24 1.39 0.00	27.11 1.57 0.00	26.40 1.58 0.00	24.13 1.34 0.00	22.95 1.27 0.00	22.01 1.13 0.00	21.39 1.02 0.00	20.58 0.97 0.00	22.60 1.15 0.00	25.74 1.39 0.00	25.77 1.71 0.00	27.56 2.09 0.00	23.13 1.73 0.00	26.61 1.60 0.00	27.94 1.27 0.00	23.96 1.03 0.00
PATROON__115KV_TB1 80586	20.05 0.50 0.00	18.64 0.46 0.00	17.42 0.42 0.00	16.17 0.39 0.00	18.21 0.45 0.00	21.44 0.59 0.00	20.57 0.68 0.00	23.67 0.88 0.00	22.57 0.72 0.00	26.26 0.72 0.00	25.50 0.68 0.00	23.41 0.62 0.00	22.29 0.60 0.00	21.43 0.55 0.00	20.89 0.51 0.00	20.11 0.50 0.00	22.08 0.63 0.00	25.10 0.74 0.00	25.00 0.93 0.00	26.55 1.08 0.00	22.31 0.91 0.00	25.87 0.87 0.00	27.30 0.63 0.00	23.45 0.52 0.00
PATTRSNVILLE__SOLAR 323815	20.08 0.53 0.00	18.67 0.48 0.00	17.44 0.44 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.47 0.61 0.00	20.55 0.66 0.00	23.63 0.83 0.00	22.54 0.68 0.00	26.16 0.62 0.00	25.48 0.67 0.00	23.37 0.58 0.00	22.26 0.58 0.00	21.42 0.54 0.00	20.87 0.49 0.00	20.07 0.46 0.00	22.08 0.63 0.00	25.18 0.82 0.00	25.03 0.97 0.00	26.54 1.06 0.00	22.27 0.88 0.00	25.86 0.85 0.00	27.41 0.74 0.00	23.53 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.67 0.12 0.00	18.32 0.14 0.00	17.22 0.22 0.00	15.90 0.12 0.00	17.91 0.15 0.00	20.87 0.02 0.00	19.26 -0.63 0.00	22.03 -0.76 0.00	21.18 -0.67 0.00	25.29 -0.26 0.00	24.52 -0.30 0.00	22.53 -0.26 0.00	21.40 -0.28 0.00	20.75 -0.13 0.00	20.26 -0.11 0.00	19.39 -0.22 0.00	20.88 -0.57 0.00	23.72 -0.64 0.00	23.39 -0.68 0.00	24.39 -1.08 0.00	20.43 -0.97 0.00	23.61 -1.40 0.00	25.60 -1.07 0.00	22.26 -0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.31 0.76 0.00	18.89 0.70 0.00	17.63 0.64 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.91 0.00	20.99 1.10 0.00	24.24 1.44 0.00	23.14 1.28 0.00	26.97 1.43 0.00	26.25 1.43 0.00	24.06 1.28 0.00	22.87 1.19 0.00	21.93 1.05 0.00	21.34 0.97 0.00	20.55 0.94 0.00	22.56 1.11 0.00	25.72 1.37 0.00	25.75 1.68 0.00	27.45 1.98 0.00	23.04 1.64 0.00	26.56 1.56 0.00	27.96 1.29 0.00	23.95 1.03 0.00
PEEKSKILL____ 23653	20.18 0.64 0.00	18.77 0.59 0.00	17.51 0.52 0.00	16.26 0.48 0.00	18.32 0.57 0.00	21.63 0.77 0.00	20.84 0.95 0.00	24.07 1.28 0.00	23.02 1.16 0.00	26.89 1.35 0.00	26.18 1.37 0.00	23.98 1.19 0.00	22.80 1.12 0.00	21.87 0.99 0.00	21.28 0.91 0.00	20.48 0.87 0.00	22.49 1.04 0.00	25.61 1.26 0.00	25.64 1.57 0.00	27.33 1.86 0.00	22.92 1.52 0.00	26.42 1.42 0.00	27.84 1.17 0.00	23.86 0.93 0.00
PGE MADISON__WINDPWR 24146	21.03 1.48 0.00	19.37 1.19 0.00	18.26 1.27 0.00	16.84 1.06 0.00	19.02 1.26 0.00	22.33 1.48 0.00	21.28 1.40 0.00	24.52 1.73 0.00	23.27 1.41 0.00	26.97 1.42 0.00	26.11 1.29 0.00	24.06 1.27 0.00	23.11 1.43 0.00	22.28 1.40 0.00	21.69 1.31 0.00	20.81 1.20 0.00	22.96 1.51 0.00	26.17 1.81 0.00	26.17 2.10 0.00	27.88 2.37 -0.03	23.34 1.94 0.00	26.82 1.82 0.00	28.51 1.72 -0.12	24.41 1.41 -0.08
PIERCEFIELD__HYD 23852	18.85 -0.69 0.00	17.48 -0.70 0.00	16.27 -0.72 0.00	15.13 -0.65 0.00	17.06 -0.69 0.00	20.04 -0.82 0.00	19.01 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.98 0.00	24.98 -1.05 -0.49	23.81 -1.01 0.00	21.87 -0.92 0.00	20.81 -0.88 0.00	20.02 -0.86 0.00	19.63 -0.75 0.00	18.94 -0.67 0.00	20.70 -0.75 0.00	23.48 -0.87 0.00	22.94 -1.13 0.00	24.16 -1.30 0.00	20.31 -1.09 0.00	24.10 -0.91 0.00	25.88 -0.79 0.00	22.27 -0.66 0.00
PINELAWN_CC_1 323563	20.61 1.06 0.00	19.17 0.99 0.00	17.86 0.87 0.00	16.58 0.80 0.00	18.67 0.91 0.00	22.05 1.19 0.00	21.25 1.36 0.00	24.45 1.66 0.00	23.29 1.43 0.00	27.27 1.73 0.00	26.69 1.79 -0.08	24.27 1.48 0.00	24.15 1.46 -1.00	22.55 1.25 -0.42	22.16 1.13 -0.66	23.71 1.12 -2.97	24.05 1.40 -1.21	27.89 1.72 -1.82	32.17 2.21 -5.90	29.80 2.41 -1.92	25.68 1.99 -2.30	27.71 2.03 -0.67	29.18 1.81 -0.70	24.83 1.47 -0.43

PJM_GEN_HTP_PROXY 323702	20.29 0.74 0.00	18.87 0.68 0.00	17.60 0.60 0.00	16.35 0.57 0.00	18.42 0.66 0.00	21.75 0.89 0.00	20.99 1.10 0.00	24.25 1.46 0.00	22.61 1.36 0.61	28.34 1.61 -1.18	26.45 1.63 0.00	24.22 1.44 0.00	23.03 1.34 0.00	22.09 1.21 0.00	21.47 1.09 0.00	20.66 1.05 0.00	27.91 1.23 -5.23	25.83 1.47 0.00	25.88 1.81 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.62 1.61 0.00	28.01 1.34 0.00	23.98 1.06 0.00
PJM_GEN_KEystone 24065	19.71 0.16 0.00	18.34 0.15 0.00	17.15 0.15 0.00	15.90 0.11 0.00	17.92 0.16 0.00	24.16 0.18 -3.12	19.93 0.04 0.00	22.96 0.17 0.00	21.37 0.12 0.61	27.12 0.39 -1.18	25.27 0.45 0.00	23.16 0.38 0.00	21.99 0.31 0.00	21.16 0.28 0.00	20.60 0.23 0.00	19.76 0.16 0.01	26.80 0.13 -5.23	24.49 0.14 0.00	24.37 0.30 0.00	25.66 0.35 0.16	21.66 0.27 0.00	20.77 -0.07 4.16	29.28 -0.05 -2.66	27.32 -0.02 -4.41
PJM_GEN_NEPTUNE_PROXY 323594	20.41 0.86 0.00	18.98 0.80 0.00	17.69 0.70 0.00	16.43 0.65 0.00	18.50 0.74 0.00	21.84 0.98 0.00	21.05 1.16 0.00	24.22 1.43 0.00	22.50 1.25 0.61	28.25 1.53 -1.18	26.43 1.60 0.00	24.15 1.36 0.00	23.02 1.34 0.00	22.04 1.16 0.00	21.41 1.04 0.00	20.62 1.01 0.00	27.91 1.23 -5.23	26.02 1.49 -0.17	26.87 1.93 -0.88	27.88 2.12 -0.29	23.49 1.75 -0.34	26.82 1.73 -0.08	28.18 1.51 0.00	24.14 1.21 0.00
PJM_GEN_VFT_PROXY 323633	20.17 0.62 0.00	18.75 0.57 0.00	17.49 0.50 0.00	16.26 0.48 0.00	18.31 0.55 0.00	21.63 0.77 0.00	20.87 0.99 0.00	24.12 1.33 0.00	22.48 1.23 0.61	28.18 1.46 -1.18	26.30 1.48 0.00	24.07 1.29 0.00	22.88 1.20 0.00	21.95 1.07 0.00	21.34 0.96 0.00	20.54 0.93 0.00	27.78 1.11 -5.23	25.69 1.33 0.00	25.73 1.67 0.00	27.47 2.00 0.00	23.01 1.61 0.00	26.47 1.47 0.00	27.86 1.19 0.00	23.87 0.94 0.00
PLATSBURG_115KV_PMLD1 355749	19.11 -0.44 0.00	17.75 -0.43 0.00	16.39 -0.61 0.00	15.23 -0.55 0.00	17.26 -0.50 0.00	20.42 -0.43 0.00	19.39 -0.50 0.00	22.25 -0.54 0.00	21.26 -0.60 0.00	21.52 -0.82 3.20	24.11 -0.70 0.00	22.27 -0.52 0.00	21.32 -0.37 0.00	20.50 -0.38 0.00	20.14 -0.23 0.00	19.60 -0.01 0.00	21.48 0.03 0.00	24.24 -0.12 0.00	23.59 -0.47 0.00	24.47 -1.00 0.00	20.73 -0.66 0.00	24.46 -0.55 0.00	26.35 -0.32 0.00	22.70 -0.23 0.00
PLEASANTVLY__LBMP 24000	20.01 0.47 0.00	18.61 0.43 0.00	17.38 0.38 0.00	16.13 0.35 0.00	18.15 0.40 0.00	21.41 0.55 0.00	20.61 0.73 0.00	23.77 0.98 0.00	22.70 0.84 0.00	26.45 0.90 0.00	25.74 0.92 0.00	23.59 0.80 0.00	22.45 0.76 0.00	21.55 0.68 0.00	20.98 0.60 0.00	20.19 0.58 0.00	22.14 0.70 0.00	25.20 0.85 0.00	25.21 1.14 0.00	26.85 1.38 0.00	22.55 1.15 0.00	26.03 1.03 0.00	27.42 0.75 0.00	23.51 0.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.14 0.59 0.00	18.73 0.55 0.00	17.48 0.48 0.00	16.23 0.45 0.00	18.27 0.51 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.97 1.18 0.00	22.90 1.05 0.00	26.73 1.19 0.00	26.01 1.19 0.00	23.83 1.04 0.00	22.67 0.98 0.00	21.76 0.88 0.00	21.17 0.80 0.00	20.37 0.76 0.00	22.35 0.90 0.00	25.45 1.09 0.00	25.47 1.40 0.00	27.13 1.66 0.00	22.78 1.39 0.00	26.27 1.27 0.00	27.69 1.01 0.00	23.71 0.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.14 0.59 0.00	18.73 0.55 0.00	17.48 0.48 0.00	16.23 0.45 0.00	18.27 0.51 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.97 1.18 0.00	22.90 1.05 0.00	26.73 1.19 0.00	26.01 1.19 0.00	23.83 1.04 0.00	22.67 0.98 0.00	21.76 0.88 0.00	21.17 0.80 0.00	20.37 0.76 0.00	22.35 0.90 0.00	25.45 1.09 0.00	25.47 1.40 0.00	27.13 1.66 0.00	22.78 1.39 0.00	26.27 1.27 0.00	27.69 1.01 0.00	23.71 0.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.20 0.65 0.00	18.78 0.60 0.00	17.53 0.54 0.00	16.27 0.49 0.00	18.32 0.56 0.00	21.61 0.75 0.00	20.83 0.94 0.00	24.02 1.23 0.00	22.93 1.07 0.00	26.67 1.13 0.00	25.97 1.15 0.00	23.77 0.98 0.00	22.60 0.92 0.00	21.70 0.82 0.00	21.12 0.75 0.00	20.35 0.74 0.00	22.35 0.91 0.00	25.47 1.11 0.00	25.49 1.42 0.00	27.17 1.70 0.00	22.80 1.41 0.00	26.30 1.30 0.00	27.72 1.05 0.00	23.75 0.82 0.00
POLETTI____ 23519	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.68 0.00	21.76 0.90 0.00	21.00 1.12 0.00	24.27 1.48 0.00	23.23 1.38 0.00	27.17 1.63 0.00	26.47 1.65 0.00	24.24 1.45 0.00	23.04 1.35 0.00	22.10 1.22 0.00	21.48 1.11 0.00	20.67 1.06 0.00	22.70 1.25 0.00	25.85 1.50 0.00	25.90 1.83 0.00	27.63 2.16 0.00	23.15 1.75 0.00	26.64 1.64 0.00	28.04 1.37 0.00	24.01 1.09 0.00
POMONA____ESR 323819	20.21 0.66 0.00	18.79 0.61 0.00	17.53 0.53 0.00	16.28 0.49 0.00	18.35 0.59 0.00	21.66 0.80 0.00	20.86 0.97 0.00	24.09 1.30 0.00	23.02 1.17 0.00	26.90 1.36 0.00	26.19 1.38 0.00	23.99 1.20 0.00	22.81 1.13 0.00	21.87 0.99 0.00	21.29 0.92 0.00	20.50 0.88 0.00	22.49 1.04 0.00	25.63 1.28 0.00	25.65 1.58 0.00	27.34 1.86 0.00	22.93 1.53 0.00	26.43 1.43 0.00	27.88 1.21 0.00	23.90 0.97 0.00
PORT_JEFF_3 23555	20.74 1.19 0.00	19.30 1.11 0.00	17.98 0.99 0.00	16.68 0.90 0.00	18.78 1.02 0.00	22.16 1.30 0.00	21.31 1.43 0.00	24.42 1.63 0.00	23.24 1.38 0.00	27.31 1.77 0.00	26.71 1.85 -0.04	24.24 1.45 0.00	23.64 1.48 -0.48	22.29 1.21 -0.20	21.76 1.07 -0.32	22.11 1.07 -1.43	23.37 1.34 -0.58	26.89 1.64 -0.89	29.29 2.28 -2.95	28.86 2.43 -0.96	24.54 1.99 -1.15	27.44 2.10 -0.33	28.88 1.88 -0.34	24.70 1.56 -0.21
PORT_JEFF_4 23616	20.74 1.19 0.00	19.30 1.11 0.00	17.98 0.99 0.00	16.68 0.90 0.00	18.78 1.02 0.00	22.16 1.30 0.00	21.31 1.43 0.00	24.42 1.63 0.00	23.24 1.38 0.00	27.31 1.77 0.00	26.71 1.85 -0.04	24.24 1.45 0.00	23.64 1.48 -0.48	22.29 1.21 -0.20	21.76 1.07 -0.32	22.11 1.07 -1.43	23.37 1.34 -0.58	26.89 1.64 -0.89	29.29 2.28 -2.95	28.86 2.43 -0.96	24.54 1.99 -1.15	27.44 2.10 -0.33	28.88 1.88 -0.34	24.70 1.56 -0.21
PORT_JEFF_IC 23713	20.74 1.20 0.00	19.31 1.13 0.00	18.00 1.00 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.17 1.31 0.00	21.32 1.44 0.00	24.43 1.64 0.00	23.24 1.38 0.00	27.33 1.78 0.00	26.71 1.85 -0.04	24.22 1.43 0.00	23.66 1.47 -0.50	22.29 1.21 -0.21	21.76 1.06 -0.33	22.15 1.06 -1.48	23.38 1.34 -0.60	26.91 1.63 -0.92	29.39 2.29 -3.03	28.90 2.43 -0.99	24.58 2.00 -1.18	27.46 2.11 -0.35	28.90 1.88 -0.35	24.70 1.56 -0.21
PPL PILGRIM_ST_GT1 24216	20.75 1.21 0.00	19.31 1.13 0.00	17.99 1.00 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.18 1.32 0.00	21.36 1.47 0.00	24.52 1.73 0.00	23.35 1.49 0.00	27.40 1.85 0.00	26.80 1.94 -0.04	24.38 1.59 0.00	23.85 1.59 -0.57	22.48 1.37 -0.24	21.97 1.23 -0.37	22.50 1.20 -1.68	23.61 1.47 -0.68	27.19 1.79 -1.04	29.83 2.34 -3.43	29.11 2.52 -1.12	24.81 2.08 -1.34	27.56 2.17 -0.39	29.03 1.96 -0.40	24.79 1.62 -0.24

PPL PILGRIM_ST_GT2 24217	20.75 1.21 0.00	19.31 1.13 0.00	17.99 1.00 0.00	16.69 0.91 0.00	18.79 1.03 0.00	22.18 1.32 0.00	21.36 1.47 0.00	24.52 1.73 0.00	23.35 1.49 0.00	27.40 1.85 0.00	26.80 1.94 -0.04	24.38 1.59 0.00	23.85 1.59 -0.57	22.48 1.37 -0.24	21.97 1.23 -0.37	22.50 1.20 -1.68	23.61 1.47 -0.68	27.19 1.79 -1.04	29.83 2.34 -3.43	29.11 2.52 -1.12	24.81 2.08 -1.34	27.56 2.17 -0.39	29.03 1.96 -0.40	24.79 1.62 -0.24
PPL_SHRM_GT3 24213	20.87 1.32 0.00	19.42 1.24 0.00	18.10 1.10 0.00	16.79 1.01 0.00	18.90 1.15 0.00	22.29 1.44 0.00	21.38 1.49 0.00	24.25 1.46 0.00	23.01 1.15 0.00	27.21 1.67 0.00	26.66 1.80 -0.04	23.98 1.19 0.00	23.50 1.33 -0.49	22.02 0.94 -0.20	21.44 0.75 -0.32	21.84 0.79 -1.45	23.12 1.09 -0.59	26.58 1.32 -0.91	29.27 2.22 -2.98	28.68 2.24 -0.97	24.39 1.83 -1.16	27.39 2.05 -0.34	28.75 1.74 -0.34	24.66 1.52 -0.21
PPL_SHRM_GT4 24214	20.87 1.32 0.00	19.42 1.24 0.00	18.10 1.10 0.00	16.79 1.01 0.00	18.90 1.15 0.00	22.29 1.44 0.00	21.38 1.49 0.00	24.25 1.46 0.00	23.01 1.15 0.00	27.21 1.67 0.00	26.66 1.80 -0.04	23.98 1.19 0.00	23.50 1.33 -0.49	22.02 0.94 -0.20	21.44 0.75 -0.32	21.84 0.79 -1.45	23.12 1.09 -0.59	26.58 1.32 -0.91	29.27 2.22 -2.98	28.68 2.24 -0.97	24.39 1.83 -1.16	27.39 2.05 -0.34	28.75 1.74 -0.34	24.66 1.52 -0.21
PROJECT___ORANGE 1 24174	19.46 -0.09 0.00	18.11 -0.07 0.00	16.97 -0.03 0.00	15.76 -0.03 0.00	17.71 -0.05 0.00	20.78 -0.08 0.00	19.79 -0.10 0.00	22.61 -0.18 0.00	21.67 -0.19 0.00	25.38 -0.16 0.00	24.64 -0.18 0.00	22.62 -0.17 0.00	21.50 -0.18 0.00	20.76 -0.13 0.00	20.26 -0.12 0.00	19.49 -0.12 0.00	21.27 -0.18 0.00	24.12 -0.23 0.00	23.86 -0.20 0.00	25.23 -0.25 0.00	21.18 -0.22 0.00	24.64 -0.36 0.00	26.46 -0.21 0.00	22.73 -0.20 0.00
PROJECT___ORANGE 2 24166	19.46 -0.09 0.00	18.11 -0.07 0.00	16.97 -0.03 0.00	15.76 -0.03 0.00	17.71 -0.05 0.00	20.78 -0.08 0.00	19.79 -0.10 0.00	22.61 -0.18 0.00	21.67 -0.19 0.00	25.38 -0.16 0.00	24.64 -0.18 0.00	22.62 -0.17 0.00	21.50 -0.18 0.00	20.76 -0.13 0.00	20.26 -0.12 0.00	19.49 -0.12 0.00	21.27 -0.18 0.00	24.12 -0.23 0.00	23.86 -0.20 0.00	25.23 -0.25 0.00	21.18 -0.22 0.00	24.64 -0.36 0.00	26.46 -0.21 0.00	22.73 -0.20 0.00
PUCKETT___SOLAR 323809	19.97 0.43 0.00	18.51 0.33 0.00	17.37 0.37 0.00	16.04 0.26 0.00	18.09 0.34 0.00	21.31 0.45 0.00	20.25 0.37 0.00	23.30 0.51 0.00	22.21 0.35 0.00	25.89 0.35 0.00	25.13 0.32 0.00	23.09 0.30 0.00	22.05 0.36 0.00	21.29 0.40 0.00	20.71 0.34 0.00	19.85 0.24 0.00	21.72 0.27 0.00	24.76 0.41 0.00	24.65 0.59 0.00	26.19 0.67 -0.05	21.94 0.54 0.00	25.31 0.30 0.00	27.18 0.33 -0.19	23.31 0.26 -0.12
PYRITES___HYD 24023	19.40 -0.15 0.00	18.00 -0.18 0.00	16.77 -0.23 0.00	15.58 -0.20 0.00	17.57 -0.18 0.00	20.66 -0.20 0.00	19.62 -0.27 0.00	22.41 -0.38 0.00	21.53 -0.33 0.00	25.69 -0.28 -0.44	24.55 -0.27 0.00	22.49 -0.30 0.00	21.38 -0.30 0.00	20.55 -0.33 0.00	20.19 -0.18 0.00	19.51 -0.10 0.00	21.29 -0.17 0.00	24.17 -0.18 0.00	23.61 -0.46 0.00	24.91 -0.57 0.00	20.92 -0.48 0.00	24.81 -0.19 0.00	26.61 -0.06 0.00	22.89 -0.04 0.00
QUAKERRD_115KV_BK1 80622	18.87 -0.67 0.00	17.58 -0.60 0.00	16.50 -0.49 0.00	15.30 -0.48 0.00	17.22 -0.54 0.00	20.16 -0.70 0.00	18.96 -0.92 0.00	21.67 -1.12 0.00	20.80 -1.05 0.00	24.52 -1.02 0.00	23.78 -1.04 0.00	21.82 -0.96 0.00	20.75 -0.93 0.00	20.09 -0.79 0.00	19.61 -0.77 0.00	18.83 -0.78 0.00	20.45 -1.00 0.00	23.24 -1.12 0.00	22.96 -1.10 0.00	24.12 -1.35 0.00	20.23 -1.17 0.00	23.48 -1.53 0.00	25.25 -1.42 0.00	21.80 -1.13 0.00
QUENSBRY_115KV_TB8 356137	20.17 0.62 0.00	18.74 0.56 0.00	17.48 0.49 0.00	16.26 0.47 0.00	18.31 0.56 0.00	21.67 0.81 0.00	20.89 1.01 0.00	24.06 1.27 0.00	22.91 1.05 0.00	26.33 0.79 0.00	25.64 0.82 0.00	23.57 0.78 0.00	22.37 0.69 0.00	21.44 0.56 0.00	20.88 0.51 0.00	20.20 0.58 0.00	22.28 0.83 0.00	25.50 1.15 0.00	25.47 1.40 0.00	27.00 1.52 0.00	22.71 1.32 0.00	26.24 1.24 0.00	27.51 0.84 0.00	23.58 0.66 0.00
RAMAPO___LBMP 323565	20.14 0.58 0.00	18.72 0.54 0.00	17.47 0.47 0.00	16.22 0.44 0.00	18.29 0.53 0.00	21.58 0.72 0.00	20.78 0.89 0.00	24.00 1.21 0.00	22.95 1.09 0.00	26.82 1.27 0.00	26.10 1.29 0.00	23.90 1.12 0.00	22.72 1.04 0.00	21.79 0.91 0.00	21.21 0.84 0.00	20.42 0.81 0.00	22.41 0.96 0.00	25.53 1.18 0.00	25.54 1.48 0.00	27.22 1.75 0.00	22.83 1.43 0.00	26.33 1.32 0.00	27.78 1.11 0.00	23.82 0.89 0.00
RANKINE____ 23646	19.33 -0.22 0.00	18.02 -0.16 0.00	16.95 -0.05 0.00	15.64 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.57 -1.22 0.00	20.74 -1.11 0.00	24.73 -0.81 0.00	23.94 -0.88 0.00	21.95 -0.83 0.00	20.87 -0.81 0.00	20.25 -0.63 0.00	19.78 -0.59 0.00	18.92 -0.69 0.00	20.37 -1.08 0.00	23.18 -1.18 0.00	22.86 -1.21 0.00	23.76 -1.71 0.00	19.91 -1.49 0.00	23.07 -1.93 0.00	25.01 -1.67 0.00	21.76 -1.17 0.00
RAVENSWOOD_GT2_1 24244	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.24 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT2_2 24245	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.24 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT2_3 24246	20.32 0.77 0.00	18.89 0.71 0.00	17.63 0.63 0.00	16.37 0.58 0.00	18.44 0.68 0.00	21.77 0.92 0.00	21.01 1.12 0.00	24.27 1.48 0.00	23.23 1.37 0.00	27.16 1.62 0.00	26.45 1.63 0.00	24.22 1.44 0.00	23.03 1.34 0.00	22.09 1.21 0.00	21.48 1.10 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.84 1.49 0.00	25.88 1.82 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.63 1.63 0.00	28.03 1.36 0.00	24.01 1.08 0.00
RAVENSWOOD_GT2_4 24247	20.32 0.77 0.00	18.89 0.71 0.00	17.63 0.63 0.00	16.37 0.58 0.00	18.44 0.68 0.00	21.77 0.92 0.00	21.01 1.12 0.00	24.27 1.48 0.00	23.23 1.37 0.00	27.16 1.62 0.00	26.45 1.63 0.00	24.22 1.44 0.00	23.03 1.34 0.00	22.09 1.21 0.00	21.48 1.10 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.84 1.49 0.00	25.88 1.82 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.63 1.63 0.00	28.03 1.36 0.00	24.01 1.08 0.00



RAVENSWOOD_GT3_1 24248	20.31 0.76 0.00	18.88 0.70 0.00	17.62 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.24 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.63 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT3_2 24249	20.31 0.76 0.00	18.88 0.70 0.00	17.62 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.24 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.63 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT3_3 24250	20.34 0.79 0.00	18.91 0.72 0.00	17.64 0.65 0.00	16.38 0.60 0.00	18.45 0.70 0.00	21.79 0.93 0.00	21.03 1.14 0.00	24.29 1.50 0.00	23.25 1.40 0.00	27.19 1.64 0.00	26.48 1.66 0.00	24.25 1.46 0.00	23.05 1.37 0.00	22.11 1.23 0.00	21.50 1.13 0.00	20.69 1.08 0.00	22.71 1.26 0.00	25.87 1.52 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.77 0.00	26.66 1.66 0.00	28.06 1.39 0.00	24.03 1.10 0.00
RAVENSWOOD_GT3_4 24251	20.34 0.79 0.00	18.91 0.72 0.00	17.64 0.65 0.00	16.38 0.60 0.00	18.45 0.70 0.00	21.79 0.93 0.00	21.03 1.14 0.00	24.29 1.50 0.00	23.25 1.40 0.00	27.19 1.64 0.00	26.48 1.66 0.00	24.25 1.46 0.00	23.05 1.37 0.00	22.11 1.23 0.00	21.50 1.13 0.00	20.69 1.08 0.00	22.71 1.26 0.00	25.87 1.52 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.77 0.00	26.66 1.66 0.00	28.06 1.39 0.00	24.03 1.10 0.00
RAVENSWOOD_GT_1 23729	20.37 0.82 0.00	18.95 0.76 0.00	17.67 0.68 0.00	16.41 0.63 0.00	18.49 0.73 0.00	21.83 0.97 0.00	21.07 1.18 0.00	24.34 1.55 0.00	23.30 1.45 0.00	27.25 1.71 0.00	26.54 1.72 0.00	24.30 1.51 0.00	23.10 1.42 0.00	22.16 1.28 0.00	21.54 1.17 0.00	20.73 1.12 0.00	22.76 1.31 0.00	25.93 1.57 0.00	25.95 1.88 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.70 1.69 0.00	28.10 1.43 0.00	24.07 1.14 0.00
RAVENSWOOD_GT_10 24258	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_11 24259	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_4 24252	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.43 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_5 24254	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.43 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_6 24253	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.43 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_7 24255	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.21 1.35 0.00	27.15 1.60 0.00	26.43 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.46 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD_GT_9 24257	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.90 0.00	20.99 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.60 0.00	26.44 1.62 0.00	24.21 1.42 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.23 0.00	25.83 1.47 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.62 1.62 0.00	28.02 1.35 0.00	24.00 1.07 0.00
RAVENSWOOD___1 23533	20.33 0.78 0.00	18.90 0.72 0.00	17.63 0.64 0.00	16.38 0.60 0.00	18.45 0.69 0.00	21.79 0.93 0.00	21.02 1.14 0.00	24.28 1.49 0.00	23.26 1.40 0.00	27.19 1.65 0.00	26.48 1.66 0.00	24.24 1.45 0.00	23.05 1.36 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.68 1.07 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.89 1.82 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.64 1.64 0.00	28.03 1.35 0.00	24.02 1.09 0.00
RAVENSWOOD___2 23534	20.33 0.78 0.00	18.90 0.72 0.00	17.63 0.64 0.00	16.38 0.60 0.00	18.45 0.69 0.00	21.79 0.93 0.00	21.02 1.14 0.00	24.28 1.49 0.00	23.26 1.40 0.00	27.19 1.65 0.00	26.48 1.66 0.00	24.24 1.45 0.00	23.05 1.36 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.68 1.07 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.89 1.82 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.64 1.64 0.00	28.03 1.35 0.00	24.02 1.09 0.00

RAVENSWOOD___3 23535	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.68 0.00	21.77 0.91 0.00	21.00 1.11 0.00	24.26 1.47 0.00	23.22 1.36 0.00	27.15 1.61 0.00	26.44 1.62 0.00	24.21 1.43 0.00	23.02 1.33 0.00	22.08 1.20 0.00	21.47 1.09 0.00	20.66 1.05 0.00	22.68 1.24 0.00	25.84 1.48 0.00	25.87 1.81 0.00	27.60 2.13 0.00	23.13 1.73 0.00	26.63 1.62 0.00	28.02 1.35 0.00	24.00 1.08 0.00
RAVENSWOOD___4 23820	20.33 0.78 0.00	18.90 0.72 0.00	17.63 0.64 0.00	16.38 0.60 0.00	18.45 0.69 0.00	21.79 0.93 0.00	21.02 1.14 0.00	24.28 1.49 0.00	23.26 1.40 0.00	27.19 1.65 0.00	26.48 1.66 0.00	24.24 1.45 0.00	23.05 1.36 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.68 1.07 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.89 1.82 0.00	27.61 2.14 0.00	23.14 1.74 0.00	26.64 1.64 0.00	28.03 1.35 0.00	24.02 1.09 0.00
RCPL_TRUST___DRP 24196	20.32 0.77 0.00	18.89 0.70 0.00	17.63 0.63 0.00	16.37 0.58 0.00	18.44 0.68 0.00	21.77 0.92 0.00	21.02 1.13 0.00	24.29 1.50 0.00	23.26 1.40 0.00	27.21 1.66 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.07 1.38 0.00	22.13 1.25 0.00	21.51 1.13 0.00	20.70 1.09 0.00	22.73 1.28 0.00	25.87 1.52 0.00	25.92 1.86 0.00	27.66 2.19 0.00	23.17 1.77 0.00	26.66 1.66 0.00	28.05 1.38 0.00	24.02 1.09 0.00
RED___ROCHESTER 323720	19.41 -0.13 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.72 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.21 -0.34 0.00	24.43 -0.39 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.63 -0.76 0.08	20.71 -0.68 0.00	23.97 -1.03 0.00	25.50 -0.86 0.32	22.11 -0.62 0.20
REGAN___SOLAR 323812	21.30 1.75 0.00	19.77 1.59 0.00	18.48 1.48 0.00	17.16 1.38 0.00	19.38 1.62 0.00	22.85 2.00 0.00	21.91 2.02 0.00	25.20 2.41 0.00	24.08 2.22 0.00	27.74 2.20 0.00	27.05 2.23 0.00	24.40 1.62 0.00	23.57 1.88 0.00	22.77 1.89 0.00	22.15 1.78 0.00	21.19 1.58 0.00	23.54 2.09 0.00	27.07 2.71 0.00	26.90 2.83 0.00	28.50 3.03 0.00	23.84 2.44 0.00	27.62 2.62 0.00	29.36 2.69 0.00	25.08 2.16 0.00
RENSSELAER___COGEN 23796	19.96 0.41 0.00	18.55 0.37 0.00	17.33 0.33 0.00	16.10 0.31 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.09 0.55 0.00	25.33 0.51 0.00	23.25 0.46 0.00	22.14 0.45 0.00	21.28 0.40 0.00	20.74 0.37 0.00	19.97 0.36 0.00	21.93 0.48 0.00	24.93 0.57 0.00	24.83 0.77 0.00	26.38 0.91 0.00	22.17 0.77 0.00	25.72 0.71 0.00	27.15 0.48 0.00	23.33 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.73 1.19 0.00	19.23 1.05 0.00	17.89 0.90 0.00	16.66 0.88 0.00	18.79 1.03 0.00	22.38 1.52 0.00	21.74 1.85 0.00	25.01 2.22 0.00	23.73 1.87 0.00	27.11 1.57 0.00	26.44 1.62 0.00	24.27 1.48 0.00	22.98 1.29 0.00	21.93 1.05 0.00	21.48 1.11 0.00	20.87 1.26 0.00	23.08 1.64 0.00	26.62 2.26 0.00	26.63 2.57 0.00	28.22 2.75 0.00	23.83 2.43 0.00	27.37 2.36 0.00	28.40 1.73 0.00	24.28 1.36 0.00
REVERE_CPPR_DRP 24186	20.09 0.54 0.00	18.63 0.44 0.00	17.39 0.40 0.00	16.18 0.40 0.00	18.24 0.48 0.00	21.43 0.57 0.00	20.50 0.61 0.00	23.54 0.75 0.00	22.59 0.73 0.00	26.43 0.89 0.00	25.74 0.92 0.00	23.68 0.89 0.00	22.49 0.80 0.00	21.65 0.77 0.00	21.13 0.76 0.00	20.28 0.67 0.00	22.20 0.75 0.00	25.30 0.95 0.00	25.04 0.98 0.00	26.50 1.03 0.00	22.23 0.83 0.00	25.87 0.87 0.00	27.62 0.95 0.00	23.65 0.73 0.00
REYNOLDS_115KV_TB3 80639	19.91 0.36 0.00	18.51 0.33 0.00	17.29 0.29 0.00	16.06 0.27 0.00	18.08 0.32 0.00	21.28 0.42 0.00	20.38 0.50 0.00	23.45 0.66 0.00	22.35 0.50 0.00	25.99 0.45 0.00	25.23 0.41 0.00	23.16 0.37 0.00	22.05 0.37 0.00	21.21 0.33 0.00	20.67 0.29 0.00	19.91 0.29 0.00	21.84 0.39 0.00	24.81 0.45 0.00	24.72 0.65 0.00	26.27 0.79 0.00	22.08 0.68 0.00	25.62 0.62 0.00	27.02 0.35 0.00	23.23 0.31 0.00
RIVERBAY____ 323610	20.29 0.74 0.00	18.90 0.72 0.00	17.62 0.63 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.78 0.93 0.00	21.02 1.13 0.00	24.28 1.49 0.00	23.24 1.39 0.00	27.11 1.57 0.00	26.40 1.58 0.00	24.13 1.34 0.00	22.95 1.27 0.00	22.01 1.13 0.00	21.39 1.02 0.00	20.58 0.97 0.00	22.60 1.15 0.00	25.74 1.39 0.00	25.77 1.71 0.00	27.56 2.09 0.00	23.13 1.73 0.00	26.61 1.60 0.00	27.94 1.27 0.00	23.96 1.03 0.00
RIVERSDE_115KV_TB3 55908	19.96 0.41 0.00	18.55 0.37 0.00	17.33 0.34 0.00	16.10 0.32 0.00	18.12 0.36 0.00	21.33 0.48 0.00	20.45 0.56 0.00	23.53 0.74 0.00	22.44 0.58 0.00	26.09 0.55 0.00	25.33 0.51 0.00	23.26 0.47 0.00	22.14 0.46 0.00	21.29 0.41 0.00	20.75 0.38 0.00	19.98 0.38 0.00	21.93 0.48 0.00	24.93 0.57 0.00	24.82 0.76 0.00	26.37 0.90 0.00	22.17 0.77 0.00	25.72 0.71 0.00	27.13 0.46 0.00	23.32 0.39 0.00
ROARING___BROOK_WT_PWR 323790	19.32 -0.23 0.00	17.84 -0.34 0.00	16.60 -0.40 0.00	15.49 -0.30 0.00	17.44 -0.32 0.00	20.30 -0.56 0.00	19.17 -0.72 0.00	21.90 -0.89 0.00	21.12 -0.73 0.00	24.75 -0.80 0.00	24.06 -0.76 0.00	22.11 -0.68 0.00	21.01 -0.67 0.00	20.22 -0.67 0.00	19.83 -0.54 0.00	19.14 -0.48 0.00	20.96 -0.49 0.00	23.77 -0.58 0.00	23.41 -0.65 0.00	24.75 -0.73 0.00	20.78 -0.61 0.00	24.55 -0.45 0.00	26.30 -0.37 0.00	22.73 -0.20 0.00
ROCHESRG_115KV_T4 355643	19.24 -0.31 0.00	17.92 -0.27 0.00	16.83 -0.17 0.00	15.59 -0.19 0.00	17.55 -0.21 0.00	20.51 -0.34 0.00	19.20 -0.68 0.00	21.95 -0.84 0.00	21.09 -0.77 0.00	24.92 -0.62 0.00	24.16 -0.66 0.00	22.17 -0.61 0.00	21.08 -0.61 0.00	20.42 -0.46 0.00	19.93 -0.44 0.00	19.11 -0.50 0.00	20.73 -0.72 0.00	23.56 -0.80 0.00	23.26 -0.80 0.00	24.39 -1.08 0.00	20.45 -0.95 0.00	23.68 -1.32 0.00	25.52 -1.15 0.00	22.07 -0.86 0.00
ROCHESTER_9_IC 23652	19.34 -0.21 0.00	18.01 -0.17 0.00	16.91 -0.09 0.00	15.67 -0.11 0.00	17.64 -0.12 0.00	20.63 -0.23 0.00	19.32 -0.56 0.00	22.10 -0.69 0.00	21.23 -0.63 0.00	25.09 -0.45 0.00	24.31 -0.51 0.00	22.31 -0.47 0.00	21.21 -0.48 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.24 -0.37 0.00	20.88 -0.57 0.00	23.72 -0.63 0.00	23.43 -0.64 0.00	24.57 -0.91 0.00	20.60 -0.80 0.00	23.84 -1.16 0.00	25.68 -0.99 0.00	22.20 -0.72 0.00
ROCKVIEW_13_KV_LD 356306	20.31 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.35 0.57 0.00	18.43 0.67 0.00	21.75 0.89 0.00	20.99 1.11 0.00	24.27 1.48 0.00	23.21 1.36 0.00	27.13 1.58 0.00	26.42 1.60 0.00	24.20 1.42 0.00	23.02 1.33 0.00	22.08 1.21 0.00	21.47 1.10 0.00	20.67 1.06 0.00	22.69 1.24 0.00	25.85 1.50 0.00	25.88 1.82 0.00	27.59 2.11 0.00	23.13 1.73 0.00	26.65 1.65 0.00	28.07 1.40 0.00	24.03 1.10 0.00

ROME____115KV_TB2 80656	20.09 0.54 0.00	18.63 0.44 0.00	17.39 0.40 0.00	16.18 0.40 0.00	18.24 0.48 0.00	21.43 0.57 0.00	20.50 0.61 0.00	23.54 0.75 0.00	22.59 0.73 0.00	26.43 0.89 0.00	25.74 0.92 0.00	23.68 0.89 0.00	22.49 0.80 0.00	21.65 0.77 0.00	21.13 0.76 0.00	20.28 0.67 0.00	22.20 0.75 0.00	25.30 0.95 0.00	25.04 0.98 0.00	26.50 1.03 0.00	22.23 0.83 0.00	25.87 0.87 0.00	27.62 0.95 0.00	23.65 0.73 0.00
ROSETON____1 23587	20.02 0.47 0.00	18.62 0.44 0.00	17.38 0.38 0.00	16.13 0.35 0.00	18.17 0.41 0.00	21.43 0.57 0.00	20.62 0.73 0.00	23.78 0.99 0.00	22.72 0.86 0.00	26.50 0.95 0.00	25.78 0.96 0.00	23.63 0.84 0.00	22.48 0.80 0.00	21.58 0.70 0.00	21.01 0.64 0.00	20.22 0.61 0.00	22.18 0.73 0.00	25.25 0.89 0.00	25.25 1.18 0.00	26.89 1.42 0.00	22.57 1.17 0.00	26.05 1.05 0.00	27.47 0.80 0.00	23.55 0.63 0.00
ROSETON____2 23588	20.02 0.47 0.00	18.62 0.44 0.00	17.38 0.38 0.00	16.13 0.35 0.00	18.17 0.41 0.00	21.43 0.57 0.00	20.62 0.73 0.00	23.78 0.99 0.00	22.72 0.86 0.00	26.50 0.95 0.00	25.78 0.96 0.00	23.63 0.84 0.00	22.48 0.80 0.00	21.58 0.70 0.00	21.01 0.64 0.00	20.22 0.61 0.00	22.18 0.73 0.00	25.25 0.89 0.00	25.25 1.18 0.00	26.89 1.42 0.00	22.57 1.17 0.00	26.05 1.05 0.00	27.47 0.80 0.00	23.55 0.63 0.00
ROTTRDAM_115KV_TB3 80664	19.90 0.36 0.00	18.51 0.32 0.00	17.28 0.29 0.00	16.05 0.27 0.00	18.08 0.32 0.00	21.28 0.43 0.00	20.38 0.50 0.00	23.45 0.65 0.00	22.39 0.53 0.00	26.04 0.49 0.00	25.31 0.49 0.00	23.24 0.45 0.00	22.12 0.43 0.00	21.27 0.39 0.00	20.72 0.35 0.00	19.96 0.35 0.00	21.90 0.44 0.00	24.92 0.57 0.00	24.79 0.73 0.00	26.32 0.84 0.00	22.10 0.70 0.00	25.66 0.65 0.00	27.15 0.48 0.00	23.32 0.39 0.00
RUSSELL____1 23602	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
RUSSELL____2 23532	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
RUSSELL____3 23549	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
RUSSELL____4 23556	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
RUSSELL____STATION 23914	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
S SALMON____HYD 24043	19.19 -0.36 0.00	17.77 -0.41 0.00	16.62 -0.38 0.00	15.46 -0.33 0.00	17.40 -0.36 0.00	20.37 -0.49 0.00	19.36 -0.53 0.00	22.17 -0.62 0.00	21.24 -0.62 0.00	24.90 -0.65 0.00	24.19 -0.63 0.00	22.18 -0.61 0.00	21.06 -0.63 0.00	20.30 -0.59 0.00	19.84 -0.53 0.00	19.13 -0.49 0.00	20.90 -0.55 0.00	23.76 -0.60 0.00	23.52 -0.54 0.00	24.87 -0.60 0.00	20.90 -0.50 0.00	24.39 -0.61 0.00	26.27 -0.39 0.00	22.56 -0.37 0.00
S.PERRY__115KV_TB1 80734	19.96 0.41 0.00	18.61 0.43 0.00	17.46 0.46 0.00	16.13 0.35 0.00	18.15 0.39 0.00	21.23 0.37 0.00	20.16 0.28 0.00	23.16 0.37 0.00	22.05 0.19 0.00	25.85 0.31 0.00	25.02 0.20 0.00	22.92 0.14 0.00	21.70 0.02 0.00	20.92 0.04 0.00	20.39 0.02 0.00	19.51 -0.10 0.00	21.46 0.01 0.00	24.47 0.11 0.00	24.32 0.26 0.00	25.70 0.23 0.00	21.60 0.20 0.00	24.82 -0.18 0.00	26.57 -0.10 0.00	22.83 -0.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.12 -0.43 0.00	17.83 -0.36 0.00	16.77 -0.22 0.00	15.49 -0.29 0.00	17.44 -0.32 0.00	20.29 -0.56 0.00	18.66 -1.22 0.00	21.28 -1.51 0.00	20.48 -1.38 0.00	24.44 -1.11 0.00	23.63 -1.19 0.00	21.69 -1.10 0.00	20.61 -1.08 0.00	20.00 -0.88 0.00	19.52 -0.85 0.00	18.68 -0.93 0.00	20.11 -1.34 0.00	22.88 -1.47 0.00	22.56 -1.51 0.00	23.44 -2.03 0.00	19.65 -1.75 0.00	22.77 -2.24 0.00	24.70 -1.97 0.00	21.52 -1.41 0.00
SAWYER__23_KV_LOAD 55526	19.12 -0.43 0.00	17.83 -0.36 0.00	16.77 -0.22 0.00	15.49 -0.29 0.00	17.44 -0.32 0.00	20.29 -0.56 0.00	18.66 -1.22 0.00	21.28 -1.51 0.00	20.48 -1.38 0.00	24.44 -1.11 0.00	23.63 -1.19 0.00	21.69 -1.10 0.00	20.61 -1.08 0.00	20.00 -0.88 0.00	19.52 -0.85 0.00	18.68 -0.93 0.00	20.11 -1.34 0.00	22.88 -1.47 0.00	22.56 -1.51 0.00	23.44 -2.03 0.00	19.65 -1.75 0.00	22.77 -2.24 0.00	24.70 -1.97 0.00	21.52 -1.41 0.00
SELKIRK____I 23801	19.99 0.44 0.00	18.59 0.41 0.00	17.37 0.38 0.00	16.14 0.36 0.00	18.17 0.41 0.00	21.38 0.52 0.00	20.45 0.56 0.00	23.50 0.71 0.00	22.38 0.52 0.00	26.02 0.48 0.00	25.25 0.43 0.00	23.19 0.40 0.00	22.07 0.39 0.00	21.25 0.37 0.00	20.71 0.34 0.00	19.95 0.34 0.00	21.91 0.46 0.00	24.92 0.57 0.00	24.81 0.74 0.00	26.33 0.86 0.00	22.12 0.72 0.00	25.69 0.68 0.00	27.16 0.49 0.00	23.35 0.42 0.00
SELKIRK____II 23799	19.90 0.36 0.00	18.51 0.33 0.00	17.29 0.29 0.00	16.06 0.28 0.00	18.08 0.32 0.00	21.28 0.43 0.00	20.38 0.50 0.00	23.44 0.65 0.00	22.37 0.51 0.00	26.03 0.49 0.00	25.28 0.46 0.00	23.20 0.41 0.00	22.08 0.39 0.00	21.23 0.35 0.00	20.70 0.33 0.00	19.93 0.32 0.00	21.86 0.41 0.00	24.86 0.51 0.00	24.76 0.70 0.00	26.30 0.82 0.00	22.10 0.69 0.00	25.64 0.64 0.00	27.10 0.43 0.00	23.28 0.36 0.00

SENECA OSWGO___HYD 24041	19.27 -0.28 0.00	17.93 -0.25 0.00	16.80 -0.19 0.00	15.60 -0.18 0.00	17.53 -0.23 0.00	20.56 -0.30 0.00	19.59 -0.29 0.00	22.40 -0.39 0.00	21.47 -0.39 0.00	25.13 -0.42 0.00	24.40 -0.42 0.00	22.40 -0.39 0.00	21.30 -0.38 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.30 -0.31 0.00	21.08 -0.37 0.00	23.93 -0.42 0.00	23.70 -0.36 0.00	25.07 -0.40 0.00	21.04 -0.36 0.00	24.47 -0.54 0.00	26.25 -0.42 0.00	22.55 -0.37 0.00
SENECA___115KV_TB3 355854	19.36 -0.18 0.00	18.04 -0.14 0.00	16.97 -0.03 0.00	15.66 -0.12 0.00	17.63 -0.13 0.00	20.54 -0.31 0.00	18.92 -0.96 0.00	21.61 -1.18 0.00	20.78 -1.07 0.00	24.78 -0.76 0.00	23.98 -0.84 0.00	22.00 -0.79 0.00	20.91 -0.78 0.00	20.29 -0.59 0.00	19.82 -0.56 0.00	18.96 -0.66 0.00	20.41 -1.04 0.00	23.23 -1.13 0.00	22.90 -1.16 0.00	23.80 -1.67 0.00	19.95 -1.45 0.00	23.10 -1.90 0.00	25.05 -1.62 0.00	21.80 -1.13 0.00
SENECA___ENERGY 23797	19.72 0.18 0.00	18.37 0.19 0.00	17.22 0.22 0.00	15.93 0.15 0.00	17.94 0.18 0.00	21.09 0.23 0.00	20.13 0.24 0.00	23.02 0.23 0.00	22.00 0.14 0.00	25.66 0.12 0.00	24.85 0.04 0.00	22.82 0.03 0.00	21.72 0.04 0.00	20.94 0.06 0.00	20.48 0.10 0.00	19.67 0.06 0.00	21.53 0.08 0.00	24.42 0.06 0.00	24.31 0.24 0.00	25.75 0.25 -0.03	21.59 0.19 0.00	24.51 -0.49 0.00	26.26 -0.42 0.00	22.55 -0.37 0.00
SHOEMAKER___GT 23640	19.99 0.45 0.00	18.59 0.42 0.00	17.36 0.36 0.00	16.12 0.33 0.00	18.16 0.40 0.00	21.41 0.55 0.00	20.58 0.70 0.00	23.77 0.98 0.00	22.72 0.86 0.00	26.50 0.96 0.00	25.76 0.94 0.00	23.62 0.83 0.00	22.46 0.78 0.00	21.54 0.66 0.00	20.97 0.60 0.00	20.20 0.58 0.00	22.16 0.71 0.00	25.26 0.91 0.00	25.25 1.19 0.00	26.90 1.42 0.00	22.57 1.17 0.00	26.07 1.06 0.00	27.54 0.87 0.00	23.62 0.69 0.00
SHOEMAKR_138KV_BK 111 55601	19.99 0.45 0.00	18.60 0.42 0.00	17.36 0.37 0.00	16.11 0.33 0.00	18.16 0.40 0.00	21.40 0.55 0.00	20.58 0.70 0.00	23.77 0.98 0.00	22.72 0.87 0.00	26.52 0.97 0.00	25.78 0.96 0.00	23.63 0.85 0.00	22.48 0.79 0.00	21.56 0.68 0.00	20.99 0.62 0.00	20.22 0.60 0.00	22.18 0.73 0.00	25.27 0.91 0.00	25.26 1.20 0.00	26.90 1.43 0.00	22.57 1.17 0.00	26.07 1.07 0.00	27.54 0.87 0.00	23.62 0.69 0.00
SHOREHAM_IC_1 23715	20.87 1.32 0.00	19.42 1.24 0.00	18.10 1.10 0.00	16.79 1.01 0.00	18.90 1.15 0.00	22.29 1.44 0.00	21.38 1.49 0.00	24.25 1.46 0.00	23.01 1.15 0.00	27.21 1.67 0.00	26.66 1.80 -0.04	23.98 1.19 0.00	23.50 1.33 -0.49	22.02 0.94 -0.20	21.44 0.75 -0.32	21.84 0.79 -1.45	23.12 1.09 -0.59	26.58 1.32 -0.91	29.27 2.22 -2.98	28.68 2.24 -0.97	24.39 1.83 -1.16	27.39 2.05 -0.34	28.75 1.74 -0.34	24.66 1.52 -0.21
SHOREHAM_IC_2 23716	20.87 1.32 0.00	19.42 1.24 0.00	18.10 1.10 0.00	16.79 1.01 0.00	18.90 1.15 0.00	22.29 1.44 0.00	21.38 1.49 0.00	24.25 1.46 0.00	23.01 1.15 0.00	27.21 1.67 0.00	26.66 1.80 -0.04	23.98 1.19 0.00	23.50 1.33 -0.49	22.02 0.94 -0.20	21.44 0.75 -0.32	21.84 0.79 -1.45	23.12 1.09 -0.59	26.58 1.32 -0.91	29.27 2.22 -2.98	28.68 2.24 -0.97	24.39 1.83 -1.16	27.39 2.05 -0.34	28.75 1.74 -0.34	24.66 1.52 -0.21
SISSONVILLE___ 23735	18.85 -0.69 0.00	17.48 -0.70 0.00	16.27 -0.72 0.00	15.13 -0.65 0.00	17.06 -0.69 0.00	20.04 -0.82 0.00	19.01 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.98 0.00	24.98 -1.05 -0.49	23.81 -1.01 0.00	21.87 -0.92 0.00	20.81 -0.88 0.00	20.02 -0.86 0.00	19.63 -0.75 0.00	18.94 -0.67 0.00	20.70 -0.75 0.00	23.48 -0.87 0.00	22.94 -1.13 0.00	24.16 -1.30 0.00	20.31 -1.09 0.00	24.10 -0.91 0.00	25.88 -0.79 0.00	22.27 -0.66 0.00
SITHE_IND_GS1 24169	19.09 -0.45 0.00	17.79 -0.39 0.00	16.67 -0.33 0.00	15.49 -0.30 0.00	17.39 -0.36 0.00	20.37 -0.48 0.00	19.40 -0.49 0.00	22.17 -0.62 0.00	21.25 -0.61 0.00	24.87 -0.68 0.00	24.14 -0.68 0.00	22.16 -0.62 0.00	21.09 -0.60 0.00	20.35 -0.53 0.00	19.87 -0.51 0.00	19.12 -0.50 0.00	20.86 -0.59 0.00	23.68 -0.67 0.00	23.43 -0.63 0.00	24.78 -0.69 0.00	20.82 -0.58 0.00	24.23 -0.77 0.00	26.02 -0.65 0.00	22.37 -0.55 0.00
SITHE_IND_GS2 24170	19.09 -0.45 0.00	17.79 -0.39 0.00	16.67 -0.33 0.00	15.49 -0.30 0.00	17.39 -0.36 0.00	20.37 -0.48 0.00	19.40 -0.49 0.00	22.17 -0.62 0.00	21.25 -0.61 0.00	24.87 -0.68 0.00	24.14 -0.68 0.00	22.16 -0.62 0.00	21.09 -0.60 0.00	20.35 -0.53 0.00	19.87 -0.51 0.00	19.12 -0.50 0.00	20.86 -0.59 0.00	23.68 -0.67 0.00	23.43 -0.63 0.00	24.78 -0.69 0.00	20.82 -0.58 0.00	24.23 -0.77 0.00	26.02 -0.65 0.00	22.37 -0.55 0.00
SITHE_IND_GS3 24171	19.09 -0.45 0.00	17.79 -0.39 0.00	16.67 -0.33 0.00	15.49 -0.30 0.00	17.39 -0.36 0.00	20.37 -0.48 0.00	19.40 -0.49 0.00	22.17 -0.62 0.00	21.25 -0.61 0.00	24.87 -0.68 0.00	24.14 -0.68 0.00	22.16 -0.62 0.00	21.09 -0.60 0.00	20.35 -0.53 0.00	19.87 -0.51 0.00	19.12 -0.50 0.00	20.86 -0.59 0.00	23.68 -0.67 0.00	23.43 -0.63 0.00	24.78 -0.69 0.00	20.82 -0.58 0.00	24.23 -0.77 0.00	26.02 -0.65 0.00	22.37 -0.55 0.00
SITHE_IND_GS4 24172	19.09 -0.45 0.00	17.79 -0.39 0.00	16.67 -0.33 0.00	15.49 -0.30 0.00	17.39 -0.36 0.00	20.37 -0.48 0.00	19.40 -0.49 0.00	22.17 -0.62 0.00	21.25 -0.61 0.00	24.87 -0.68 0.00	24.14 -0.68 0.00	22.16 -0.62 0.00	21.09 -0.60 0.00	20.35 -0.53 0.00	19.87 -0.51 0.00	19.12 -0.50 0.00	20.86 -0.59 0.00	23.68 -0.67 0.00	23.43 -0.63 0.00	24.78 -0.69 0.00	20.82 -0.58 0.00	24.23 -0.77 0.00	26.02 -0.65 0.00	22.37 -0.55 0.00
SITHE___BATAVIA 24024	19.50 -0.05 0.00	18.17 -0.01 0.00	17.09 0.10 0.00	15.81 0.03 0.00	17.82 0.06 0.00	20.81 -0.05 0.00	19.29 -0.59 0.00	22.07 -0.72 0.00	21.22 -0.64 0.00	25.19 -0.35 0.00	24.30 -0.52 0.00	22.25 -0.53 0.00	21.09 -0.60 0.00	20.55 -0.33 0.00	20.09 -0.28 0.00	19.24 -0.36 0.01	20.79 -0.66 0.00	23.70 -0.66 0.00	23.39 -0.67 0.00	24.30 -1.05 0.13	20.47 -0.93 0.00	23.66 -1.34 0.00	25.05 -1.11 0.51	21.87 -0.72 0.33
SITHE___INDEPEND 23800	19.09 -0.45 0.00	17.79 -0.39 0.00	16.66 -0.33 0.00	15.48 -0.30 0.00	17.39 -0.36 0.00	20.37 -0.48 0.00	19.39 -0.49 0.00	22.17 -0.62 0.00	21.26 -0.60 0.00	24.87 -0.68 0.00	24.14 -0.68 0.00	22.16 -0.62 0.00	21.09 -0.60 0.00	20.35 -0.53 0.00	19.87 -0.51 0.00	19.12 -0.50 0.00	20.86 -0.59 0.00	23.68 -0.67 0.00	23.43 -0.63 0.00	24.78 -0.69 0.00	20.81 -0.59 0.00	24.23 -0.77 0.00	26.02 -0.65 0.00	22.37 -0.55 0.00
SITHE___MASSENA 23902	19.48 -0.07 0.00	18.10 -0.08 0.00	16.89 -0.11 0.00	15.69 -0.09 0.00	17.66 -0.10 0.00	20.73 -0.12 0.00	19.65 -0.24 0.00	22.40 -0.39 0.00	21.57 -0.29 0.00	25.40 -0.23 -0.09	24.60 -0.22 0.00	22.60 -0.18 0.00	21.52 -0.16 0.00	20.73 -0.15 0.00	20.28 -0.09 0.00	19.54 -0.07 0.00	21.32 -0.13 0.00	24.17 -0.18 0.00	23.63 -0.43 0.00	24.92 -0.55 0.00	20.94 -0.46 0.00	24.80 -0.20 0.00	26.60 -0.07 0.00	22.91 -0.02 0.00

SITHE___OGDNSBRG 24021	19.55 0.00 0.00	18.16 -0.03 0.00	16.92 -0.07 0.00	15.73 -0.05 0.00	17.72 -0.04 0.00	20.83 -0.03 0.00	19.77 -0.12 0.00	22.57 -0.22 0.00	21.68 -0.17 0.00	25.79 -0.09 -0.33	24.73 -0.09 0.00	22.66 -0.13 0.00	21.54 -0.14 0.00	20.72 -0.16 0.00	20.35 -0.02 0.00	19.64 0.03 0.00	21.42 -0.03 0.00	24.32 -0.03 0.00	23.75 -0.31 0.00	25.09 -0.38 0.00	21.07 -0.33 0.00	24.98 -0.02 0.00	26.79 0.11 0.00	23.04 0.12 0.00
SITHE___STERLING 23777	19.98 0.43 0.00	18.55 0.36 0.00	17.34 0.35 0.00	16.12 0.33 0.00	18.15 0.39 0.00	21.34 0.48 0.00	20.39 0.51 0.00	23.42 0.63 0.00	22.45 0.59 0.00	26.23 0.68 0.00	25.51 0.69 0.00	23.51 0.72 0.00	22.34 0.66 0.00	21.52 0.64 0.00	21.00 0.63 0.00	20.14 0.53 0.00	22.01 0.56 0.00	25.08 0.72 0.00	24.84 0.78 0.00	26.30 0.82 0.00	22.06 0.66 0.00	25.65 0.64 0.00	27.37 0.70 0.00	23.45 0.53 0.00
SLEIGHT__34_KV_TB1 80719	19.32 -0.23 0.00	17.99 -0.19 0.00	16.88 -0.12 0.00	15.65 -0.13 0.00	17.61 -0.15 0.00	20.66 -0.20 0.00	19.54 -0.35 0.00	22.35 -0.44 0.00	21.44 -0.41 0.00	25.20 -0.34 0.00	24.44 -0.38 0.00	22.44 -0.35 0.00	21.35 -0.33 0.00	20.65 -0.24 0.00	20.15 -0.23 0.00	19.37 -0.24 0.00	21.08 -0.37 0.00	23.94 -0.41 0.00	23.70 -0.37 0.00	24.95 -0.53 0.00	20.91 -0.49 0.00	24.18 -0.82 0.00	25.96 -0.71 0.00	22.36 -0.57 0.00
SOUTH CAIRO___GT 23612	20.63 1.09 0.00	19.17 0.98 0.00	17.92 0.93 0.00	16.65 0.87 0.00	18.76 1.00 0.00	22.14 1.29 0.00	21.25 1.36 0.00	24.49 1.70 0.00	23.22 1.36 0.00	26.82 1.28 0.00	25.76 0.94 0.00	23.56 0.77 0.00	22.39 0.71 0.00	21.58 0.70 0.00	21.10 0.73 0.00	20.33 0.72 0.00	22.49 1.04 0.00	25.86 1.50 0.00	25.86 1.80 0.00	27.48 2.00 0.00	23.03 1.63 0.00	26.70 1.70 0.00	28.13 1.46 0.00	24.14 1.22 0.00
SOUTH HAMPTN___IC 23720	21.01 1.46 0.00	19.56 1.38 0.00	18.22 1.23 0.00	16.90 1.12 0.00	19.04 1.29 0.00	22.47 1.62 0.00	21.57 1.68 0.00	24.52 1.73 0.00	23.27 1.42 0.00	27.48 1.94 0.00	26.89 2.03 -0.04	24.22 1.43 0.00	23.68 1.52 -0.48	22.23 1.15 -0.20	21.64 0.95 -0.32	22.03 0.99 -1.43	23.34 1.31 -0.58	26.84 1.60 -0.89	29.49 2.48 -2.94	28.98 2.55 -0.96	24.64 2.10 -1.15	27.65 2.31 -0.33	29.04 2.04 -0.34	24.88 1.75 -0.21
SOUTHDOW__115KV_TB1 355954	20.01 0.46 0.00	18.57 0.39 0.00	17.55 0.55 0.00	16.21 0.43 0.00	18.22 0.46 0.00	21.37 0.51 0.00	19.88 -0.01 0.00	22.78 -0.01 0.00	21.81 -0.05 0.00	25.89 0.35 0.00	25.21 0.39 0.00	23.05 0.27 0.00	21.90 0.21 0.00	21.26 0.38 0.00	20.79 0.41 0.00	19.88 0.27 0.00	21.42 -0.02 0.00	24.43 0.07 0.00	23.98 -0.08 0.00	24.90 -0.58 0.00	20.91 -0.48 0.00	24.15 -0.85 0.00	26.15 -0.52 0.00	22.61 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	21.25 1.70 0.00	19.77 1.59 0.00	18.43 1.43 0.00	17.10 1.32 0.00	19.27 1.51 0.00	22.74 1.89 0.00	21.86 1.97 0.00	24.88 2.09 0.00	23.61 1.75 0.00	27.85 2.31 0.00	27.21 2.35 -0.04	24.48 1.69 0.00	23.91 1.75 -0.48	22.45 1.37 -0.20	21.87 1.17 -0.32	22.24 1.20 -1.43	23.59 1.56 -0.58	27.17 1.92 -0.89	29.85 2.84 -2.95	29.41 2.98 -0.96	24.99 2.44 -1.15	28.04 2.70 -0.33	29.45 2.45 -0.34	25.20 2.06 -0.21
SOUTHOLD___IC 23719	21.25 1.70 0.00	19.77 1.59 0.00	18.42 1.43 0.00	17.10 1.32 0.00	19.27 1.51 0.00	22.75 1.89 0.00	21.86 1.97 0.00	24.88 2.09 0.00	23.61 1.75 0.00	27.85 2.31 0.00	27.21 2.35 -0.04	24.48 1.70 0.00	23.92 1.75 -0.48	22.45 1.37 -0.20	21.87 1.18 -0.32	22.24 1.20 -1.43	23.59 1.56 -0.58	27.18 1.93 -0.89	29.86 2.85 -2.95	29.41 2.98 -0.96	24.99 2.44 -1.15	28.04 2.70 -0.33	29.45 2.45 -0.34	25.20 2.07 -0.21
SOUTH_FORK_WT_PWR 323839	21.27 1.73 0.00	19.80 1.62 0.00	18.44 1.44 0.00	17.11 1.33 0.00	19.29 1.53 0.00	22.77 1.91 0.00	21.88 1.99 0.00	24.90 2.11 0.00	23.63 1.77 0.00	27.89 2.34 0.00	27.24 2.39 -0.04	24.51 1.72 0.00	23.94 1.77 -0.48	22.47 1.39 -0.20	21.88 1.19 -0.32	22.25 1.21 -1.43	23.60 1.57 -0.58	27.19 1.94 -0.89	29.88 2.87 -2.95	29.43 3.00 -0.96	25.00 2.46 -1.15	28.06 2.72 -0.33	29.47 2.47 -0.34	25.22 2.09 -0.21
SPIERFLS_115KV_TB 1 80737	20.09 0.54 0.00	18.66 0.48 0.00	17.42 0.42 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.91 1.12 0.00	22.77 0.91 0.00	26.21 0.67 0.00	25.52 0.70 0.00	23.45 0.67 0.00	22.28 0.59 0.00	21.36 0.48 0.00	20.80 0.43 0.00	20.10 0.49 0.00	22.16 0.71 0.00	25.33 0.98 0.00	25.28 1.22 0.00	26.82 1.35 0.00	22.55 1.15 0.00	26.08 1.07 0.00	27.39 0.72 0.00	23.47 0.55 0.00
ST LAWRENCE____ 23600	19.35 -0.20 0.00	17.99 -0.19 0.00	16.79 -0.21 0.00	15.59 -0.19 0.00	17.55 -0.21 0.00	20.59 -0.27 0.00	19.52 -0.36 0.00	22.26 -0.53 0.00	21.44 -0.42 0.00	25.15 -0.40 0.00	24.44 -0.38 0.00	22.46 -0.32 0.00	21.39 -0.30 0.00	20.61 -0.28 0.00	20.14 -0.23 0.00	19.41 -0.21 0.00	21.18 -0.27 0.00	24.00 -0.35 0.00	23.47 -0.59 0.00	24.75 -0.72 0.00	20.80 -0.60 0.00	24.63 -0.37 0.00	26.40 -0.27 0.00	22.74 -0.19 0.00
STATE_CA_115KV_115_LB 55624	20.05 0.51 0.00	18.65 0.46 0.00	17.42 0.42 0.00	16.17 0.39 0.00	18.21 0.45 0.00	21.45 0.59 0.00	20.57 0.68 0.00	23.68 0.89 0.00	22.58 0.72 0.00	26.26 0.72 0.00	25.51 0.69 0.00	23.41 0.63 0.00	22.29 0.60 0.00	21.44 0.55 0.00	20.89 0.52 0.00	20.12 0.51 0.00	22.08 0.63 0.00	25.11 0.75 0.00	25.00 0.94 0.00	26.55 1.08 0.00	22.31 0.91 0.00	25.88 0.87 0.00	27.30 0.63 0.00	23.45 0.53 0.00
STATE_ST_34_KV_LOAD 55959	19.73 0.18 0.00	18.40 0.22 0.00	17.23 0.24 0.00	15.97 0.18 0.00	17.98 0.23 0.00	21.14 0.28 0.00	20.14 0.25 0.00	23.05 0.26 0.00	22.06 0.20 0.00	25.71 0.17 0.00	24.92 0.10 0.00	22.96 0.18 0.00	21.83 0.15 0.00	21.09 0.21 0.00	20.50 0.12 0.00	19.77 0.15 0.00	21.64 0.19 0.00	24.53 0.17 0.00	24.36 0.29 0.00	25.79 0.32 0.00	21.63 0.23 0.00	25.02 0.01 0.00	26.79 0.12 0.00	23.02 0.09 0.00
STATION 5_MISC_HYD 23604	19.34 -0.21 0.00	18.01 -0.17 0.00	16.91 -0.08 0.00	15.67 -0.11 0.00	17.64 -0.12 0.00	20.63 -0.23 0.00	19.32 -0.56 0.00	22.10 -0.69 0.00	21.23 -0.63 0.00	25.09 -0.45 0.00	24.31 -0.51 0.00	22.31 -0.47 0.00	21.21 -0.48 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.24 -0.37 0.00	20.88 -0.57 0.00	23.72 -0.63 0.00	23.42 -0.64 0.00	24.48 -0.91 0.08	20.60 -0.80 0.00	23.84 -1.17 0.00	25.37 -0.99 0.31	22.00 -0.72 0.20
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.05 0.50 0.00	18.66 0.48 0.00	17.50 0.51 0.00	16.20 0.42 0.00	18.25 0.49 0.00	21.45 0.60 0.00	20.38 0.49 0.00	23.33 0.54 0.00	22.38 0.53 0.00	26.37 0.82 0.00	25.55 0.73 0.00	23.43 0.64 0.00	22.24 0.56 0.00	21.57 0.69 0.00	21.05 0.67 0.00	20.25 0.63 0.00	22.00 0.56 0.00	25.01 0.65 0.00	24.76 0.70 0.00	26.09 0.62 0.00	21.85 0.45 0.00	24.40 -0.61 0.00	26.20 -0.47 0.00	22.56 -0.36 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	19.23 -0.32 0.00	17.91 -0.27 0.00	16.81 -0.18 0.00	15.58 -0.20 0.00	17.54 -0.21 0.00	20.53 -0.33 0.00	19.26 -0.63 0.00	22.02 -0.77 0.00	21.16 -0.70 0.00	24.99 -0.55 0.00	24.22 -0.60 0.00	22.23 -0.56 0.00	21.14 -0.55 0.00	20.48 -0.40 0.00	19.98 -0.39 0.00	19.18 -0.44 0.00	20.81 -0.64 0.00	23.65 -0.71 0.00	23.36 -0.71 0.00	24.51 -0.96 0.00	20.55 -0.85 0.00	23.80 -1.20 0.00	25.62 -1.05 0.00	22.13 -0.79 0.00
STA_56___34_KV_BUS2 355983	19.23 -0.32 0.00	17.91 -0.27 0.00	16.81 -0.18 0.00	15.58 -0.20 0.00	17.54 -0.21 0.00	20.53 -0.33 0.00	19.26 -0.63 0.00	22.02 -0.77 0.00	21.16 -0.70 0.00	24.99 -0.55 0.00	24.22 -0.60 0.00	22.23 -0.56 0.00	21.14 -0.55 0.00	20.48 -0.40 0.00	19.98 -0.39 0.00	19.18 -0.44 0.00	20.81 -0.64 0.00	23.65 -0.71 0.00	23.36 -0.71 0.00	24.51 -0.96 0.00	20.55 -0.85 0.00	23.80 -1.20 0.00	25.62 -1.05 0.00	22.13 -0.79 0.00
STA_67___115KV_BK2 355882	19.30 -0.25 0.00	17.98 -0.20 0.00	16.89 -0.11 0.00	15.64 -0.14 0.00	17.61 -0.15 0.00	20.59 -0.27 0.00	19.28 -0.60 0.00	22.04 -0.75 0.00	21.18 -0.68 0.00	25.03 -0.51 0.00	24.26 -0.56 0.00	22.26 -0.53 0.00	21.16 -0.52 0.00	20.51 -0.37 0.00	20.01 -0.36 0.00	19.19 -0.42 0.00	20.82 -0.63 0.00	23.66 -0.69 0.00	23.37 -0.69 0.00	24.50 -0.97 0.00	20.54 -0.86 0.00	23.78 -1.22 0.00	25.62 -1.05 0.00	22.15 -0.77 0.00
STA_7___115KV_9TRANS 80674	19.41 -0.14 0.00	18.07 -0.11 0.00	16.97 -0.02 0.00	15.73 -0.06 0.00	17.71 -0.05 0.00	20.71 -0.14 0.00	19.41 -0.48 0.00	22.21 -0.59 0.00	21.33 -0.53 0.00	25.20 -0.34 0.00	24.42 -0.40 0.00	22.41 -0.37 0.00	21.31 -0.38 0.00	20.66 -0.22 0.00	20.16 -0.21 0.00	19.33 -0.28 0.00	20.98 -0.47 0.00	23.85 -0.51 0.00	23.56 -0.50 0.00	24.71 -0.76 0.00	20.71 -0.68 0.00	23.97 -1.03 0.00	25.81 -0.86 0.00	22.31 -0.62 0.00
STA_82___115KV_TB1 80780	19.32 -0.23 0.00	17.99 -0.19 0.00	16.89 -0.10 0.00	15.65 -0.13 0.00	17.62 -0.13 0.00	20.61 -0.25 0.00	19.30 -0.59 0.00	22.06 -0.72 0.00	21.20 -0.66 0.00	25.05 -0.49 0.00	24.28 -0.54 0.00	22.28 -0.51 0.00	21.18 -0.51 0.00	20.53 -0.36 0.00	20.02 -0.35 0.00	19.21 -0.40 0.00	20.84 -0.61 0.00	23.68 -0.67 0.00	23.39 -0.67 0.00	24.52 -0.95 0.00	20.56 -0.84 0.00	23.79 -1.21 0.00	25.63 -1.04 0.00	22.17 -0.76 0.00
STEEL___WIND 323596	19.34 -0.21 0.00	18.01 -0.17 0.00	16.94 -0.06 0.00	15.63 -0.15 0.00	17.60 -0.16 0.00	20.50 -0.36 0.00	18.89 -1.00 0.00	21.58 -1.22 0.00	20.74 -1.12 0.00	24.73 -0.81 0.00	23.93 -0.89 0.00	21.95 -0.84 0.00	20.86 -0.82 0.00	20.24 -0.63 0.00	19.77 -0.60 0.00	18.91 -0.70 0.01	20.37 -1.08 0.00	23.18 -1.18 0.00	22.84 -1.22 0.00	23.58 -1.71 0.18	19.91 -1.49 0.00	23.07 -1.93 0.00	24.27 -1.65 0.74	21.28 -1.17 0.48
STEPHTWN_115KV_BK_2 55603	20.12 0.57 0.00	18.68 0.50 0.00	17.45 0.45 0.00	16.21 0.42 0.00	18.26 0.50 0.00	21.57 0.71 0.00	20.68 0.79 0.00	23.84 1.05 0.00	22.67 0.81 0.00	26.37 0.82 0.00	25.62 0.80 0.00	23.49 0.70 0.00	22.36 0.68 0.00	21.48 0.60 0.00	20.94 0.57 0.00	20.16 0.55 0.00	22.16 0.71 0.00	25.23 0.87 0.00	25.16 1.10 0.00	26.70 1.22 0.00	22.47 1.07 0.00	26.05 1.05 0.00	27.46 0.79 0.00	23.56 0.63 0.00
STEUBEN_REC_LFGE 323667	19.67 0.12 0.00	18.46 0.28 0.00	17.28 0.28 0.00	15.87 0.09 0.00	17.86 0.10 0.00	20.68 -0.17 0.00	19.83 -0.06 0.00	22.78 -0.02 0.00	21.44 -0.41 0.00	24.93 -0.61 0.00	24.13 -0.69 0.00	22.20 -0.59 0.00	21.27 -0.42 0.00	20.51 -0.37 0.00	20.13 -0.24 0.00	19.05 -0.56 0.00	20.97 -0.48 0.00	23.93 -0.43 0.00	23.91 -0.16 0.00	25.18 -0.29 0.00	21.22 -0.18 0.00	24.16 -0.84 0.00	25.93 -0.75 0.00	22.26 -0.66 0.00
STILLWATER___SOLAR 323814	20.09 0.54 0.00	18.67 0.49 0.00	17.43 0.43 0.00	16.20 0.42 0.00	18.24 0.49 0.00	21.52 0.66 0.00	20.66 0.78 0.00	23.78 0.99 0.00	22.64 0.78 0.00	26.19 0.65 0.00	25.47 0.66 0.00	23.40 0.61 0.00	22.26 0.58 0.00	21.38 0.50 0.00	20.81 0.44 0.00	20.07 0.46 0.00	22.08 0.63 0.00	25.17 0.82 0.00	25.10 1.04 0.00	26.65 1.18 0.00	22.40 1.00 0.00	25.95 0.95 0.00	27.35 0.69 0.00	23.48 0.55 0.00
STONY___BROOK 24151	20.71 1.16 0.00	19.28 1.10 0.00	17.96 0.96 0.00	16.66 0.88 0.00	18.76 1.00 0.00	22.14 1.29 0.00	21.31 1.42 0.00	24.44 1.65 0.00	23.25 1.39 0.00	27.31 1.77 0.00	26.71 1.85 -0.04	24.24 1.45 0.00	23.66 1.47 -0.50	22.30 1.22 -0.21	21.78 1.08 -0.33	22.17 1.07 -1.49	23.40 1.34 -0.61	26.94 1.66 -0.93	29.42 2.29 -3.06	28.91 2.44 -1.00	24.59 2.00 -1.19	27.45 2.10 -0.35	28.88 1.86 -0.35	24.68 1.54 -0.22
STURGEON_POOL_HYD 23609	20.04 0.49 0.00	18.63 0.45 0.00	17.40 0.40 0.00	16.14 0.36 0.00	18.18 0.42 0.00	21.45 0.59 0.00	20.67 0.79 0.00	23.86 1.07 0.00	22.80 0.95 0.00	26.61 1.07 0.00	25.93 1.11 0.00	23.73 0.94 0.00	22.56 0.88 0.00	21.65 0.76 0.00	21.07 0.70 0.00	20.29 0.67 0.00	22.24 0.79 0.00	25.33 0.98 0.00	25.38 1.31 0.00	27.07 1.60 0.00	22.73 1.33 0.00	26.20 1.20 0.00	27.61 0.94 0.00	23.64 0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.08 0.53 0.00	18.67 0.49 0.00	17.43 0.43 0.00	16.18 0.40 0.00	18.23 0.48 0.00	21.51 0.65 0.00	20.70 0.81 0.00	23.91 1.12 0.00	22.85 1.00 0.00	26.69 1.15 0.00	25.97 1.15 0.00	23.79 1.01 0.00	22.63 0.94 0.00	21.71 0.83 0.00	21.14 0.77 0.00	20.35 0.74 0.00	22.32 0.88 0.00	25.43 1.07 0.00	25.43 1.37 0.00	27.09 1.62 0.00	22.74 1.34 0.00	26.23 1.22 0.00	27.68 1.01 0.00	23.73 0.80 0.00
SWANROAD_115KV_TB1 355699	18.73 -0.81 0.00	17.47 -0.71 0.00	16.45 -0.55 0.00	15.19 -0.59 0.00	17.10 -0.66 0.00	19.87 -0.99 0.00	18.23 -1.66 0.00	20.72 -2.07 0.00	19.96 -1.90 0.00	23.82 -1.72 0.00	23.02 -1.80 0.00	21.12 -1.67 0.00	20.06 -1.63 0.00	19.47 -1.41 0.00	19.01 -1.36 0.00	18.19 -1.42 0.00	19.57 -1.88 0.00	22.27 -2.09 0.00	21.95 -2.12 0.00	22.79 -2.68 0.00	19.11 -2.29 0.00	22.15 -2.85 0.00	24.06 -2.61 0.00	21.03 -1.89 0.00
SYNERGY___BIOGAS 323694	19.50 -0.05 0.00	18.17 -0.01 0.00	17.09 0.10 0.00	15.81 0.03 0.00	17.82 0.06 0.00	20.81 -0.05 0.00	19.29 -0.59 0.00	22.07 -0.72 0.00	21.22 -0.64 0.00	25.19 -0.35 0.00	24.30 -0.52 0.00	22.25 -0.53 0.00	21.09 -0.60 0.00	20.55 -0.33 0.00	20.09 -0.28 0.00	19.24 -0.36 0.01	20.79 -0.66 0.00	23.70 -0.66 0.00	23.39 -0.67 0.00	24.30 -1.05 0.13	20.47 -0.93 0.00	23.66 -1.34 0.00	25.05 -1.11 0.51	21.87 -0.72 0.33
SYRACUSE___ENERGY_ST1 323597	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00

SYRACUSE___ENERGY_ST2 323598	19.58 0.03 0.00	18.23 0.05 0.00	17.07 0.07 0.00	15.85 0.07 0.00	17.80 0.05 0.00	20.92 0.06 0.00	19.93 0.05 0.00	22.78 -0.01 0.00	21.82 -0.04 0.00	25.51 -0.03 0.00	24.77 -0.05 0.00	22.76 -0.03 0.00	21.64 -0.04 0.00	20.89 0.01 0.00	20.37 0.00 0.00	19.60 -0.01 0.00	21.41 -0.04 0.00	24.30 -0.06 0.00	24.07 0.01 0.00	25.46 -0.01 0.00	21.37 -0.02 0.00	24.83 -0.17 0.00	26.63 -0.05 0.00	22.87 -0.06 0.00
SYRACUSE___POWER 24017	19.56 0.01 0.00	18.20 0.02 0.00	17.04 0.04 0.00	15.82 0.04 0.00	17.78 0.02 0.00	20.88 0.02 0.00	19.90 0.01 0.00	22.74 -0.05 0.00	21.80 -0.06 0.00	25.50 -0.04 0.00	24.76 -0.06 0.00	22.74 -0.05 0.00	21.62 -0.07 0.00	20.86 -0.02 0.00	20.35 -0.02 0.00	19.58 -0.04 0.00	21.38 -0.06 0.00	24.26 -0.09 0.00	24.02 -0.04 0.00	25.40 -0.07 0.00	21.33 -0.07 0.00	24.79 -0.21 0.00	26.60 -0.07 0.00	22.84 -0.08 0.00
TALLMAN__138KV_BK151 55660	20.19 0.64 0.00	18.77 0.59 0.00	17.51 0.52 0.00	16.26 0.48 0.00	18.34 0.58 0.00	21.64 0.79 0.00	20.84 0.95 0.00	24.06 1.27 0.00	23.00 1.14 0.00	26.88 1.34 0.00	26.17 1.35 0.00	23.97 1.19 0.00	22.78 1.10 0.00	21.85 0.97 0.00	21.27 0.90 0.00	20.48 0.86 0.00	22.47 1.02 0.00	25.61 1.25 0.00	25.62 1.55 0.00	27.31 1.83 0.00	22.90 1.50 0.00	26.40 1.40 0.00	27.85 1.18 0.00	23.87 0.95 0.00
TEALLAVE_115KV_TB7 355573	19.45 -0.10 0.00	18.10 -0.08 0.00	16.95 -0.04 0.00	15.74 -0.04 0.00	17.69 -0.06 0.00	20.76 -0.09 0.00	19.77 -0.11 0.00	22.60 -0.19 0.00	21.67 -0.19 0.00	25.35 -0.19 0.00	24.63 -0.19 0.00	22.60 -0.19 0.00	21.48 -0.20 0.00	20.74 -0.14 0.00	20.24 -0.13 0.00	19.47 -0.14 0.00	21.26 -0.19 0.00	24.11 -0.25 0.00	23.84 -0.22 0.00	25.21 -0.27 0.00	21.16 -0.24 0.00	24.63 -0.37 0.00	26.44 -0.23 0.00	22.71 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	19.20 -0.35 0.00	17.90 -0.28 0.00	16.84 -0.15 0.00	15.57 -0.21 0.00	17.53 -0.22 0.00	20.44 -0.42 0.00	18.86 -1.03 0.00	21.52 -1.27 0.00	20.70 -1.16 0.00	24.64 -0.90 0.00	23.81 -1.01 0.00	21.82 -0.97 0.00	20.71 -0.97 0.00	20.14 -0.74 0.00	19.67 -0.71 0.00	18.83 -0.78 0.00	20.31 -1.14 0.00	23.12 -1.23 0.00	22.81 -1.25 0.00	23.74 -1.73 0.00	19.91 -1.49 0.00	23.05 -1.96 0.00	24.94 -1.73 0.00	21.72 -1.20 0.00
TEMPLE___115KV_TB 2 55572	19.46 -0.09 0.00	18.11 -0.07 0.00	16.97 -0.03 0.00	15.76 -0.03 0.00	17.71 -0.05 0.00	20.78 -0.08 0.00	19.79 -0.10 0.00	22.61 -0.18 0.00	21.67 -0.19 0.00	25.38 -0.16 0.00	24.64 -0.18 0.00	22.62 -0.17 0.00	21.50 -0.18 0.00	20.76 -0.13 0.00	20.26 -0.12 0.00	19.49 -0.12 0.00	21.27 -0.18 0.00	24.12 -0.23 0.00	23.86 -0.20 0.00	25.23 -0.25 0.00	21.18 -0.22 0.00	24.64 -0.36 0.00	26.46 -0.21 0.00	22.73 -0.20 0.00
TIANA____69_KV_BK 1 55817	20.96 1.41 0.00	19.51 1.33 0.00	18.18 1.19 0.00	16.87 1.08 0.00	19.00 1.24 0.00	22.41 1.55 0.00	21.51 1.63 0.00	24.46 1.67 0.00	23.21 1.36 0.00	27.42 1.87 0.00	26.82 1.97 -0.04	24.15 1.36 0.00	23.63 1.46 -0.48	22.18 1.10 -0.20	21.60 0.91 -0.32	21.99 0.95 -1.43	23.29 1.26 -0.58	26.79 1.54 -0.89	29.43 2.42 -2.95	28.93 2.49 -0.96	24.59 2.04 -1.15	27.59 2.25 -0.33	28.97 1.97 -0.34	24.82 1.69 -0.21
TILDEN___115KV_TB1 80814	19.56 0.01 0.00	18.20 0.02 0.00	17.04 0.04 0.00	15.82 0.04 0.00	17.78 0.02 0.00	20.88 0.02 0.00	19.90 0.01 0.00	22.74 -0.05 0.00	21.80 -0.06 0.00	25.50 -0.04 0.00	24.76 -0.06 0.00	22.74 -0.05 0.00	21.62 -0.07 0.00	20.86 -0.02 0.00	20.35 -0.02 0.00	19.58 -0.04 0.00	21.38 -0.06 0.00	24.26 -0.09 0.00	24.02 -0.04 0.00	25.40 -0.07 0.00	21.33 -0.07 0.00	24.79 -0.21 0.00	26.60 -0.07 0.00	22.84 -0.08 0.00
TRIGEN___CC 323695	20.51 0.96 0.00	19.07 0.89 0.00	17.78 0.78 0.00	16.50 0.72 0.00	18.58 0.83 0.00	21.95 1.09 0.00	21.16 1.27 0.00	24.36 1.57 0.00	23.24 1.38 0.00	27.24 1.69 0.00	26.85 1.76 -0.27	24.30 1.51 0.00	26.53 1.46 -3.39	23.58 1.29 -1.40	23.76 1.16 -2.22	30.74 1.12 -10.01	26.88 1.36 -4.07	32.34 1.64 -6.34	47.16 2.06 -21.04	34.61 2.29 -6.86	31.48 1.88 -8.20	29.31 1.86 -2.44	30.69 1.62 -2.40	25.74 1.31 -1.50
TRINITY__115KV__ 4 BK 55933	19.96 0.41 0.00	18.56 0.37 0.00	17.33 0.34 0.00	16.10 0.32 0.00	18.13 0.37 0.00	21.34 0.48 0.00	20.45 0.57 0.00	23.54 0.75 0.00	22.45 0.59 0.00	26.11 0.57 0.00	25.35 0.53 0.00	23.27 0.49 0.00	22.16 0.47 0.00	21.30 0.42 0.00	20.76 0.39 0.00	19.99 0.38 0.00	21.94 0.49 0.00	24.94 0.58 0.00	24.84 0.78 0.00	26.39 0.92 0.00	22.18 0.78 0.00	25.73 0.72 0.00	27.15 0.48 0.00	23.33 0.40 0.00
UNION___PROCESSING_DRP 323587	19.33 -0.22 0.00	18.00 -0.18 0.00	16.90 -0.09 0.00	15.66 -0.12 0.00	17.63 -0.13 0.00	20.62 -0.24 0.00	19.31 -0.58 0.00	22.08 -0.71 0.00	21.20 -0.65 0.00	25.07 -0.48 0.00	24.29 -0.53 0.00	22.29 -0.50 0.00	21.19 -0.50 0.00	20.53 -0.35 0.00	20.03 -0.34 0.00	19.22 -0.39 0.00	20.84 -0.60 0.00	23.69 -0.66 0.00	23.40 -0.66 0.00	24.54 -0.93 0.00	20.58 -0.82 0.00	23.80 -1.20 0.00	25.64 -1.03 0.00	22.17 -0.75 0.00
UPPER HUDSON___HYD 24058	20.09 0.54 0.00	18.66 0.48 0.00	17.42 0.42 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.91 1.12 0.00	22.77 0.91 0.00	26.21 0.67 0.00	25.52 0.70 0.00	23.45 0.66 0.00	22.28 0.59 0.00	21.36 0.48 0.00	20.80 0.43 0.00	20.10 0.49 0.00	22.16 0.71 0.00	25.33 0.98 0.00	25.28 1.22 0.00	26.82 1.34 0.00	22.55 1.15 0.00	26.07 1.07 0.00	27.39 0.72 0.00	23.47 0.55 0.00
UPPER RAQUET___HYD 24056	18.85 -0.69 0.00	17.48 -0.70 0.00	16.27 -0.72 0.00	15.13 -0.65 0.00	17.06 -0.69 0.00	20.04 -0.82 0.00	19.00 -0.88 0.00	21.71 -1.08 0.00	20.88 -0.98 0.00	24.98 -1.06 -0.49	23.81 -1.01 0.00	21.87 -0.92 0.00	20.81 -0.88 0.00	20.02 -0.86 0.00	19.63 -0.74 0.00	18.94 -0.67 0.00	20.70 -0.75 0.00	23.48 -0.87 0.00	22.94 -1.13 0.00	24.17 -1.30 0.00	20.31 -1.09 0.00	24.10 -0.91 0.00	25.88 -0.79 0.00	22.27 -0.66 0.00
VALLEY44_115KV_TB2 355964	19.97 0.42 0.00	18.60 0.42 0.00	17.43 0.43 0.00	16.12 0.34 0.00	18.16 0.40 0.00	21.13 0.28 0.00	19.54 -0.35 0.00	22.48 -0.31 0.00	21.57 -0.28 0.00	25.85 0.31 0.00	25.31 0.49 0.00	23.32 0.53 0.00	22.17 0.49 0.00	21.41 0.53 0.00	20.86 0.49 0.00	19.93 0.32 0.00	21.50 0.05 0.00	24.29 -0.07 0.00	23.92 -0.15 0.00	25.13 -0.34 0.00	21.02 -0.38 0.00	24.14 -0.86 0.00	26.19 -0.48 0.00	22.75 -0.17 0.00
VALLEY___115KV_TB 1-4 80826	19.44 -0.11 0.00	18.04 -0.14 0.00	16.85 -0.14 0.00	15.59 -0.19 0.00	17.59 -0.17 0.00	20.75 -0.10 0.00	19.81 -0.08 0.00	22.86 0.07 0.00	21.78 -0.08 0.00	25.26 -0.28 0.00	24.54 -0.28 0.00	22.48 -0.31 0.00	21.43 -0.25 0.00	20.56 -0.32 0.00	20.06 -0.31 0.00	19.35 -0.27 0.00	21.27 -0.18 0.00	24.24 -0.12 0.00	24.31 0.24 0.00	25.74 0.27 0.00	21.54 0.14 0.00	24.96 -0.04 0.00	26.30 -0.37 0.00	22.55 -0.37 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.20 0.65 0.00	18.77 0.59 0.00	17.56 0.56 0.00	16.29 0.50 0.00	18.36 0.60 0.00	21.63 0.77 0.00	20.66 0.78 0.00	23.58 0.79 0.00	22.55 0.70 0.00	26.31 0.77 0.00	25.56 0.74 0.00	23.46 0.68 0.00	22.32 0.64 0.00	21.48 0.60 0.00	20.93 0.56 0.00	20.12 0.51 0.00	22.03 0.58 0.00	25.26 0.91 0.00	25.14 1.08 0.00	26.68 1.21 0.00	22.37 0.97 0.00	25.92 0.91 0.00	27.55 0.88 0.00	23.65 0.73 0.00
VISCHER___FERRY HYD 24020	19.89 0.34 0.00	18.49 0.31 0.00	17.27 0.27 0.00	16.04 0.26 0.00	18.06 0.30 0.00	21.26 0.40 0.00	20.39 0.50 0.00	23.45 0.66 0.00	22.34 0.48 0.00	25.92 0.38 0.00	25.16 0.34 0.00	23.11 0.32 0.00	21.99 0.30 0.00	21.12 0.24 0.00	20.58 0.20 0.00	19.83 0.22 0.00	21.77 0.33 0.00	24.76 0.41 0.00	24.69 0.63 0.00	26.23 0.76 0.00	22.06 0.66 0.00	25.60 0.60 0.00	26.99 0.32 0.00	23.19 0.27 0.00
V_A_10_SYNC_DSASP 323832	18.96 -0.58 0.00	17.68 -0.50 0.00	16.62 -0.37 0.00	15.38 -0.41 0.00	17.30 -0.45 0.00	20.16 -0.70 0.00	18.65 -1.24 0.00	21.28 -1.51 0.00	20.48 -1.38 0.00	24.37 -1.17 0.00	23.61 -1.21 0.00	21.68 -1.10 0.00	20.60 -1.08 0.00	19.96 -0.92 0.00	19.48 -0.89 0.00	18.64 -0.96 0.01	20.14 -1.31 0.00	22.87 -1.48 0.00	22.55 -1.51 0.00	23.40 -1.94 0.13	19.73 -1.66 0.00	22.85 -2.15 0.00	24.21 -1.92 0.54	21.15 -1.42 0.35
V_CMM_10_SYNC_DSASP 323787	19.44 -0.11 0.00	18.07 -0.11 0.00	16.87 -0.12 0.00	15.66 -0.12 0.00	17.63 -0.12 0.00	20.70 -0.16 0.00	19.61 -0.27 0.00	22.36 -0.43 0.00	21.53 -0.33 0.00	25.26 -0.28 0.00	24.55 -0.26 0.00	22.57 -0.22 0.00	21.48 -0.20 0.00	20.70 -0.18 0.00	20.24 -0.13 0.00	19.49 -0.12 0.00	21.27 -0.18 0.00	24.11 -0.25 0.00	23.57 -0.49 0.00	24.87 -0.60 0.00	20.90 -0.50 0.00	24.75 -0.25 0.00	26.53 -0.14 0.00	22.85 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	19.11 -0.44 0.00	17.75 -0.43 0.00	16.39 -0.61 0.00	15.23 -0.55 0.00	17.26 -0.50 0.00	20.42 -0.43 0.00	19.39 -0.50 0.00	22.25 -0.54 0.00	21.26 -0.60 0.00	21.52 -0.82 3.20	24.11 -0.70 0.00	22.27 -0.52 0.00	21.32 -0.37 0.00	20.50 -0.38 0.00	20.15 -0.23 0.00	19.60 -0.01 0.00	21.48 0.03 0.00	24.24 -0.12 0.00	23.59 -0.47 0.00	24.47 -1.00 0.00	20.73 -0.67 0.00	24.46 -0.55 0.00	26.35 -0.32 0.00	22.70 -0.23 0.00
V_D_10_SYNC_DSASP 323841	19.49 -0.06 0.00	18.11 -0.07 0.00	16.89 -0.10 0.00	15.69 -0.09 0.00	17.67 -0.09 0.00	20.74 -0.12 0.00	19.65 -0.23 0.00	22.41 -0.38 0.00	21.57 -0.29 0.00	25.40 -0.22 -0.08	24.60 -0.22 0.00	22.61 -0.18 0.00	21.53 -0.15 0.00	20.73 -0.15 0.00	20.28 -0.09 0.00	19.54 -0.07 0.00	21.33 -0.12 0.00	24.18 -0.18 0.00	23.64 -0.43 0.00	24.93 -0.54 0.00	20.94 -0.46 0.00	24.81 -0.20 0.00	26.60 -0.07 0.00	22.92 -0.01 0.00
V_E_10_SYNC_DSASP 323830	21.03 1.48 0.00	19.37 1.19 0.00	18.26 1.27 0.00	16.84 1.06 0.00	19.02 1.26 0.00	22.33 1.48 0.00	21.28 1.40 0.00	24.52 1.73 0.00	23.27 1.41 0.00	26.97 1.42 0.00	26.11 1.29 0.00	24.06 1.27 0.00	23.11 1.43 0.00	22.28 1.40 0.00	21.69 1.31 0.00	20.81 1.20 0.00	22.96 1.51 0.00	26.17 1.81 0.00	26.17 2.10 0.00	27.88 2.37 -0.03	23.34 1.94 0.00	26.82 1.82 0.00	28.51 1.72 -0.12	24.41 1.41 -0.08
V_F_30_NSYNC___DSASP 323816	20.12 0.57 0.00	18.70 0.52 0.00	17.46 0.46 0.00	16.22 0.44 0.00	18.28 0.52 0.00	21.55 0.70 0.00	20.70 0.81 0.00	23.81 1.02 0.00	22.67 0.81 0.00	26.26 0.72 0.00	25.54 0.72 0.00	23.46 0.67 0.00	22.31 0.63 0.00	21.43 0.55 0.00	20.86 0.49 0.00	20.12 0.51 0.00	22.13 0.68 0.00	25.23 0.87 0.00	25.15 1.08 0.00	26.69 1.22 0.00	22.43 1.03 0.00	25.99 0.99 0.00	27.41 0.74 0.00	23.52 0.60 0.00
V_F_30_SYNC_DSASP 323786	20.05 0.50 0.00	18.64 0.46 0.00	17.42 0.42 0.00	16.17 0.39 0.00	18.21 0.45 0.00	21.44 0.59 0.00	20.57 0.68 0.00	23.67 0.88 0.00	22.57 0.72 0.00	26.26 0.72 0.00	25.50 0.68 0.00	23.41 0.62 0.00	22.29 0.60 0.00	21.43 0.55 0.00	20.89 0.51 0.00	20.11 0.50 0.00	22.08 0.63 0.00	25.10 0.74 0.00	25.00 0.93 0.00	26.55 1.08 0.00	22.31 0.91 0.00	25.87 0.87 0.00	27.30 0.63 0.00	23.45 0.52 0.00
V_XM_10_SYNC_DSASP 323789	19.11 -0.44 0.00	17.75 -0.43 0.00	16.39 -0.61 0.00	15.23 -0.55 0.00	17.26 -0.50 0.00	20.42 -0.43 0.00	19.39 -0.50 0.00	22.25 -0.54 0.00	21.26 -0.60 0.00	21.52 -0.82 3.20	24.11 -0.70 0.00	22.27 -0.52 0.00	21.32 -0.37 0.00	20.50 -0.38 0.00	20.15 -0.23 0.00	19.60 -0.01 0.00	21.48 0.03 0.00	24.24 -0.12 0.00	23.59 -0.47 0.00	24.47 -1.00 0.00	20.73 -0.67 0.00	24.46 -0.55 0.00	26.35 -0.32 0.00	22.70 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.25 0.70 0.00	18.83 0.65 0.00	17.57 0.57 0.00	16.31 0.53 0.00	18.39 0.63 0.00	21.70 0.85 0.00	20.91 1.02 0.00	24.14 1.35 0.00	23.08 1.22 0.00	26.98 1.44 0.00	26.26 1.45 0.00	24.06 1.27 0.00	22.87 1.18 0.00	21.93 1.05 0.00	21.35 0.98 0.00	20.55 0.94 0.00	22.56 1.11 0.00	25.71 1.35 0.00	25.72 1.66 0.00	27.41 1.94 0.00	23.00 1.60 0.00	26.50 1.50 0.00	27.95 1.28 0.00	23.95 1.03 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.30 0.76 0.00	18.88 0.70 0.00	17.61 0.62 0.00	16.36 0.58 0.00	18.43 0.67 0.00	21.76 0.91 0.00	21.01 1.12 0.00	24.28 1.49 0.00	23.25 1.39 0.00	27.19 1.65 0.00	26.49 1.67 0.00	24.26 1.47 0.00	23.05 1.37 0.00	22.12 1.24 0.00	21.49 1.12 0.00	20.69 1.08 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.91 1.85 0.00	27.64 2.17 0.00	23.16 1.77 0.00	26.65 1.65 0.00	28.04 1.37 0.00	24.01 1.08 0.00
W50THST__13_KV_LOAD 356117	20.43 0.88 0.00	18.99 0.81 0.00	17.72 0.72 0.00	16.46 0.68 0.00	18.54 0.78 0.00	21.90 1.04 0.00	21.15 1.26 0.00	24.45 1.66 0.00	23.42 1.57 0.00	27.42 1.87 0.00	26.70 1.88 0.00	24.47 1.68 0.00	23.26 1.58 0.00	22.32 1.44 0.00	21.70 1.32 0.00	20.87 1.26 0.00	22.92 1.47 0.00	26.09 1.74 0.00	26.12 2.06 0.00	27.85 2.38 0.00	23.33 1.93 0.00	26.83 1.83 0.00	28.24 1.56 0.00	24.18 1.25 0.00
WADING RIVER_IC_1 23522	20.87 1.32 0.00	19.44 1.26 0.00	18.10 1.11 0.00	16.79 1.01 0.00	18.91 1.16 0.00	22.31 1.45 0.00	21.38 1.49 0.00	24.22 1.43 0.00	22.97 1.12 0.00	27.20 1.66 0.00	26.66 1.80 -0.04	23.96 1.17 0.00	23.49 1.32 -0.48	22.00 0.92 -0.20	21.40 0.71 -0.32	21.80 0.76 -1.42	23.09 1.07 -0.58	26.54 1.29 -0.89	29.22 2.22 -2.94	28.63 2.20 -0.96	24.35 1.80 -1.15	27.37 2.03 -0.33	28.71 1.71 -0.33	24.64 1.50 -0.21
WADING RIVER_IC_2 23547	20.87 1.32 0.00	19.44 1.26 0.00	18.10 1.11 0.00	16.79 1.01 0.00	18.91 1.16 0.00	22.31 1.45 0.00	21.38 1.49 0.00	24.22 1.43 0.00	22.97 1.12 0.00	27.20 1.66 0.00	26.66 1.80 -0.04	23.96 1.17 0.00	23.49 1.32 -0.48	22.00 0.92 -0.20	21.40 0.71 -0.32	21.80 0.76 -1.42	23.09 1.07 -0.58	26.54 1.29 -0.89	29.22 2.22 -2.94	28.63 2.20 -0.96	24.35 1.80 -1.15	27.37 2.03 -0.33	28.71 1.71 -0.33	24.64 1.50 -0.21



WADING RIVER_IC_3 23601	20.87 1.32 0.00	19.44 1.26 0.00	18.10 1.11 0.00	16.79 1.01 0.00	18.91 1.16 0.00	22.31 1.45 0.00	21.38 1.49 0.00	24.22 1.43 0.00	22.97 1.12 0.00	27.20 1.66 0.00	26.66 1.80 -0.04	23.96 1.17 0.00	23.49 1.32 -0.48	22.00 0.92 -0.20	21.40 0.71 -0.32	21.80 0.76 -1.42	23.09 1.07 -0.58	26.54 1.29 -0.89	29.22 2.22 -2.94	28.63 2.20 -0.96	24.35 1.80 -1.15	27.37 2.03 -0.33	28.71 1.71 -0.33	24.64 1.50 -0.21
WALDENNY_I2_KV_BK2 80841	19.34 -0.21 0.00	18.02 -0.16 0.00	16.95 -0.05 0.00	15.64 -0.14 0.00	17.61 -0.15 0.00	20.52 -0.34 0.00	18.90 -0.98 0.00	21.58 -1.21 0.00	20.77 -1.09 0.00	24.77 -0.77 0.00	23.98 -0.84 0.00	21.98 -0.81 0.00	20.88 -0.80 0.00	20.27 -0.61 0.00	19.80 -0.57 0.00	18.94 -0.67 0.00	20.38 -1.07 0.00	23.20 -1.16 0.00	22.86 -1.20 0.00	23.77 -1.70 0.00	19.93 -1.47 0.00	23.08 -1.92 0.00	25.03 -1.64 0.00	21.78 -1.15 0.00
WALDEN___HYDRO 24148	20.22 0.68 0.00	18.80 0.62 0.00	17.56 0.56 0.00	16.29 0.51 0.00	18.36 0.60 0.00	21.67 0.81 0.00	20.87 0.98 0.00	24.10 1.31 0.00	23.02 1.16 0.00	26.77 1.22 0.00	26.07 1.25 0.00	23.88 1.09 0.00	22.67 0.99 0.00	21.73 0.85 0.00	21.17 0.80 0.00	20.39 0.78 0.00	22.40 0.95 0.00	25.54 1.18 0.00	25.61 1.55 0.00	27.32 1.85 0.00	22.93 1.54 0.00	26.45 1.45 0.00	27.88 1.21 0.00	23.89 0.96 0.00
WARRENSBURG____ 23737	20.09 0.54 0.00	18.66 0.48 0.00	17.42 0.42 0.00	16.19 0.41 0.00	18.24 0.48 0.00	21.56 0.70 0.00	20.77 0.88 0.00	23.91 1.12 0.00	22.77 0.91 0.00	26.21 0.67 0.00	25.52 0.70 0.00	23.45 0.66 0.00	22.28 0.59 0.00	21.36 0.48 0.00	20.80 0.43 0.00	20.10 0.49 0.00	22.16 0.71 0.00	25.33 0.98 0.00	25.28 1.22 0.00	26.82 1.34 0.00	22.55 1.15 0.00	26.07 1.07 0.00	27.39 0.72 0.00	23.47 0.55 0.00
WATERSIDE___6 8 9 23538	20.33 0.78 0.00	18.91 0.72 0.00	17.64 0.64 0.00	16.38 0.59 0.00	18.45 0.69 0.00	21.79 0.93 0.00	21.02 1.14 0.00	24.29 1.50 0.00	23.26 1.40 0.00	27.19 1.65 0.00	26.48 1.66 0.00	24.24 1.45 0.00	23.05 1.36 0.00	22.11 1.23 0.00	21.49 1.12 0.00	20.68 1.07 0.00	22.71 1.26 0.00	25.86 1.51 0.00	25.89 1.82 0.00	27.62 2.14 0.00	23.14 1.74 0.00	26.64 1.64 0.00	28.03 1.36 0.00	24.02 1.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.52 -0.03 0.00	18.13 -0.05 0.00	16.94 -0.06 0.00	15.71 -0.07 0.00	17.71 -0.05 0.00	20.85 0.00 0.00	19.96 0.07 0.00	23.00 0.21 0.00	21.95 0.09 0.00	25.52 -0.02 0.00	24.79 -0.03 0.00	22.72 -0.07 0.00	21.64 -0.04 0.00	20.78 -0.10 0.00	20.27 -0.11 0.00	19.52 -0.09 0.00	21.43 -0.01 0.00	24.40 0.04 0.00	24.35 0.29 0.00	25.84 0.36 0.00	21.68 0.28 0.00	25.16 0.15 0.00	26.60 -0.07 0.00	22.81 -0.11 0.00
WATSON___69_KV_BK 1 55734	20.84 1.30 0.00	19.39 1.21 0.00	18.07 1.08 0.00	16.76 0.98 0.00	18.87 1.12 0.00	22.28 1.43 0.00	21.47 1.58 0.00	24.64 1.85 0.00	23.45 1.60 0.00	27.53 1.99 0.00	26.90 2.03 -0.05	24.44 1.65 0.00	24.00 1.66 -0.66	22.57 1.42 -0.27	22.09 1.29 -0.43	22.82 1.26 -1.95	23.80 1.56 -0.79	27.47 1.90 -1.20	30.49 2.49 -3.94	29.44 2.69 -1.28	25.16 2.23 -1.54	27.78 2.33 -0.45	29.25 2.12 -0.46	24.95 1.74 -0.28
WDELAWARE___HYD 323627	20.49 0.94 0.00	19.04 0.86 0.00	17.74 0.74 0.00	16.46 0.67 0.00	18.54 0.79 0.00	21.90 1.04 0.00	21.08 1.20 0.00	24.37 1.57 0.00	23.28 1.43 0.00	27.16 1.61 0.00	26.53 1.71 0.00	24.17 1.39 0.00	22.97 1.29 0.00	22.03 1.15 0.00	21.51 1.14 0.00	20.73 1.12 0.00	22.82 1.37 0.00	26.10 1.74 0.00	26.07 2.01 0.00	27.88 2.41 0.00	23.39 1.99 0.00	26.89 1.88 0.00	28.39 1.72 0.00	24.26 1.34 0.00
WEST BABYLON___IC 23714	20.76 1.22 0.00	19.32 1.14 0.00	18.01 1.01 0.00	16.71 0.92 0.00	18.81 1.05 0.00	22.21 1.35 0.00	21.41 1.52 0.00	24.61 1.82 0.00	23.44 1.58 0.00	27.48 1.94 0.00	26.88 1.98 -0.08	24.42 1.64 0.00	24.34 1.62 -1.04	22.72 1.41 -0.43	22.33 1.28 -0.68	23.94 1.25 -3.08	24.24 1.54 -1.25	28.13 1.89 -1.88	32.59 2.42 -6.11	30.10 2.64 -1.99	25.96 2.18 -2.38	27.96 2.26 -0.70	29.43 2.04 -0.72	25.04 1.66 -0.45
WEST CANADA___HYD 24049	19.55 0.00 0.00	18.18 0.00 0.00	16.99 0.00 0.00	15.78 0.00 0.00	17.75 0.00 0.00	20.86 0.00 0.00	19.93 0.04 0.00	22.90 0.11 0.00	21.94 0.08 0.00	25.60 0.06 0.00	24.87 0.06 0.00	22.83 0.05 0.00	21.73 0.04 0.00	20.90 0.02 0.00	20.39 0.02 0.00	19.63 0.02 0.00	21.49 0.04 0.00	24.43 0.07 0.00	24.22 0.15 0.00	25.67 0.19 0.00	21.57 0.16 0.00	25.12 0.12 0.00	26.72 0.05 0.00	22.95 0.02 0.00
WESTERN_NY_WIND 24143	19.47 -0.08 0.00	18.15 -0.04 0.00	17.07 0.08 0.00	15.79 0.01 0.00	17.79 0.04 0.00	20.78 -0.07 0.00	19.25 -0.63 0.00	22.02 -0.77 0.00	21.17 -0.69 0.00	25.14 -0.40 0.00	24.25 -0.56 0.00	22.21 -0.58 0.00	21.04 -0.64 0.00	20.51 -0.37 0.00	20.05 -0.33 0.00	19.21 -0.40 0.00	20.74 -0.71 0.00	23.65 -0.71 0.00	23.34 -0.73 0.00	24.36 -1.12 0.00	20.40 -0.99 0.00	23.59 -1.41 0.00	25.49 -1.18 0.00	22.14 -0.78 0.00
WESTOVER___LESR 323668	19.68 0.13 0.00	18.30 0.11 0.00	17.12 0.13 0.00	15.86 0.08 0.00	17.86 0.11 0.00	21.00 0.14 0.00	19.98 0.09 0.00	22.96 0.17 0.00	21.94 0.09 0.00	25.65 0.11 0.00	24.90 0.08 0.00	22.93 0.14 0.00	21.82 0.14 0.00	21.05 0.17 0.00	20.51 0.14 0.00	19.67 0.06 0.00	21.50 0.05 0.00	24.40 0.05 0.00	24.24 0.17 0.00	25.67 0.19 0.00	21.56 0.16 0.00	24.88 -0.12 0.00	26.65 -0.03 0.00	22.85 -0.07 0.00
WETHRSFD_WT_PWR 323626	19.06 -0.49 0.00	17.78 -0.40 0.00	16.70 -0.30 0.00	15.32 -0.46 0.00	17.19 -0.56 0.00	20.03 -0.82 0.00	18.43 -1.46 0.00	21.02 -1.77 0.00	20.17 -1.69 0.00	23.96 -1.59 0.00	23.21 -1.61 0.00	21.28 -1.51 0.00	20.30 -1.39 0.00	19.73 -1.15 0.00	19.27 -1.11 0.00	18.40 -1.21 0.01	19.82 -1.63 0.00	22.58 -1.77 0.00	22.35 -1.71 0.00	23.04 -2.26 0.17	19.44 -1.96 0.00	22.53 -2.47 0.00	23.70 -2.27 0.71	20.77 -1.70 0.46
WHAVSTOR_138KV_BK127 55557	20.17 0.62 0.00	18.76 0.58 0.00	17.50 0.51 0.00	16.25 0.47 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.82 0.93 0.00	24.05 1.26 0.00	22.98 1.13 0.00	26.86 1.31 0.00	26.15 1.33 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.83 0.95 0.00	21.25 0.88 0.00	20.46 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.59 1.53 0.00	27.28 1.81 0.00	22.88 1.48 0.00	26.38 1.37 0.00	27.82 1.15 0.00	23.85 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.17 0.62 0.00	18.76 0.58 0.00	17.50 0.51 0.00	16.25 0.47 0.00	18.32 0.56 0.00	21.62 0.76 0.00	20.82 0.93 0.00	24.05 1.26 0.00	22.98 1.13 0.00	26.86 1.31 0.00	26.15 1.33 0.00	23.95 1.16 0.00	22.76 1.08 0.00	21.83 0.95 0.00	21.25 0.88 0.00	20.46 0.84 0.00	22.45 1.00 0.00	25.58 1.23 0.00	25.59 1.53 0.00	27.28 1.81 0.00	22.88 1.48 0.00	26.38 1.37 0.00	27.82 1.15 0.00	23.85 0.92 0.00

WHITEHAL_115KV_TB1 80871	20.33 0.78 0.00	18.89 0.71 0.00	17.58 0.58 0.00	16.37 0.58 0.00	18.44 0.69 0.00	21.94 1.09 0.00	21.28 1.39 0.00	24.46 1.67 0.00	23.22 1.36 0.00	26.50 0.96 0.00	25.82 1.00 0.00	23.77 0.98 0.00	22.50 0.81 0.00	21.49 0.61 0.00	21.01 0.64 0.00	20.47 0.86 0.00	22.62 1.17 0.00	26.07 1.71 0.00	26.09 2.02 0.00	27.58 2.10 0.00	23.30 1.91 0.00	26.80 1.79 0.00	27.81 1.14 0.00	23.85 0.93 0.00
WHITEPLN_13_KV_LOAD 356215	20.38 0.83 0.00	18.94 0.76 0.00	17.67 0.68 0.00	16.41 0.63 0.00	18.49 0.73 0.00	21.83 0.98 0.00	21.06 1.18 0.00	24.35 1.56 0.00	23.29 1.43 0.00	27.21 1.67 0.00	26.50 1.68 0.00	24.27 1.48 0.00	23.08 1.40 0.00	22.14 1.26 0.00	21.53 1.16 0.00	20.73 1.12 0.00	22.75 1.30 0.00	25.94 1.59 0.00	25.97 1.90 0.00	27.70 2.23 0.00	23.21 1.81 0.00	26.73 1.73 0.00	28.15 1.48 0.00	24.09 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	20.82 1.27 0.00	19.38 1.20 0.00	18.06 1.07 0.00	16.75 0.97 0.00	18.86 1.11 0.00	22.25 1.39 0.00	21.37 1.49 0.00	24.37 1.57 0.00	23.15 1.29 0.00	27.28 1.74 0.00	26.67 1.81 -0.04	24.10 1.31 0.00	23.57 1.39 -0.49	22.15 1.06 -0.20	21.61 0.91 -0.32	22.00 0.93 -1.46	23.27 1.23 -0.59	26.77 1.51 -0.91	29.35 2.29 -3.00	28.85 2.40 -0.98	24.53 1.97 -1.17	27.47 2.13 -0.34	28.88 1.87 -0.34	24.72 1.59 -0.21
WOODARD__115KV_TB2 355635	19.41 -0.14 0.00	18.06 -0.12 0.00	16.92 -0.08 0.00	15.71 -0.08 0.00	17.65 -0.11 0.00	20.71 -0.14 0.00	19.72 -0.16 0.00	22.54 -0.25 0.00	21.60 -0.25 0.00	25.28 -0.26 0.00	24.55 -0.27 0.00	22.54 -0.24 0.00	21.43 -0.25 0.00	20.69 -0.19 0.00	20.19 -0.18 0.00	19.42 -0.19 0.00	21.20 -0.25 0.00	24.05 -0.30 0.00	23.81 -0.25 0.00	25.17 -0.30 0.00	21.14 -0.26 0.00	24.60 -0.41 0.00	26.40 -0.27 0.00	22.68 -0.25 0.00
YORK__WARBASSE 23770	20.37 0.82 0.00	18.94 0.76 0.00	17.67 0.67 0.00	16.41 0.63 0.00	18.48 0.72 0.00	21.83 0.97 0.00	21.06 1.18 0.00	24.34 1.55 0.00	23.28 1.42 0.00	27.22 1.68 0.00	26.50 1.68 0.00	24.26 1.47 0.00	23.06 1.38 0.00	22.13 1.25 0.00	21.51 1.14 0.00	20.70 1.09 0.00	22.73 1.29 0.00	25.90 1.55 0.00	25.93 1.87 0.00	27.68 2.21 0.00	23.19 1.79 0.00	26.69 1.68 0.00	28.11 1.44 0.00	24.08 1.16 0.00