

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/05/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	15.60	18.11	17.84	16.54	15.09	16.00	20.11	22.95	21.93	23.45	21.63	22.56	23.46	23.93	23.67	26.51	33.85	31.77	26.53	22.20	19.21	20.48	20.27	17.43
24138	0.76	0.72	0.72	0.69	0.61	0.58	0.78	1.02	1.13	1.25	1.18	1.32	1.53	1.66	1.72	1.93	2.30	2.21	1.82	1.54	1.28	1.33	1.28	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.61	18.13	17.86	16.54	15.10	16.00	20.10	22.94	21.92	23.43	21.60	22.53	23.42	23.89	23.63	26.46	33.79	31.73	26.49	22.18	19.21	20.49	20.29	17.45
24260	0.77	0.75	0.74	0.69	0.61	0.58	0.77	1.01	1.11	1.23	1.15	1.29	1.49	1.62	1.69	1.88	2.24	2.16	1.78	1.52	1.28	1.33	1.29	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.61	18.13	17.86	16.54	15.10	16.00	20.10	22.94	21.92	23.43	21.60	22.53	23.42	23.89	23.63	26.46	33.79	31.73	26.49	22.18	19.21	20.49	20.29	17.45
24261	0.77	0.75	0.74	0.69	0.61	0.58	0.77	1.01	1.11	1.23	1.15	1.29	1.49	1.62	1.69	1.88	2.24	2.16	1.78	1.52	1.28	1.33	1.29	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.94	18.63	18.35	17.01	15.54	16.53	20.81	23.59	22.30	23.78	21.83	22.67	23.31	23.63	23.27	26.09	33.57	31.61	26.65	22.40	19.58	20.90	20.69	17.70
24011	1.10	1.25	1.24	1.16	1.05	1.12	1.49	1.66	1.50	1.58	1.38	1.43	1.38	1.35	1.33	1.51	2.02	2.05	1.94	1.74	1.65	1.74	1.70	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.06	18.75	18.49	17.14	15.67	16.70	21.06	23.82	22.48	24.00	22.01	22.86	23.45	23.75	23.40	26.22	33.76	31.82	26.85	22.58	19.79	21.11	20.90	17.83
23798	1.22	1.36	1.37	1.29	1.18	1.28	1.73	1.89	1.68	1.80	1.56	1.62	1.52	1.48	1.45	1.64	2.21	2.26	2.15	1.92	1.87	1.95	1.91	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.94	18.63	18.35	17.01	15.54	16.53	20.81	23.59	22.30	23.78</														

ALBANY___4 23574	15.12 0.28 0.00	17.72 0.34 0.00	17.45 0.33 0.00	16.17 0.32 0.00	14.73 0.24 0.00	15.56 0.14 0.00	19.33 0.01 0.00	22.00 0.07 0.00	20.92 0.12 0.00	22.29 0.09 0.00	20.51 0.06 0.00	21.36 0.12 0.00	22.07 0.14 0.00	22.53 0.26 0.00	22.22 0.27 0.00	24.88 0.30 0.00	31.83 0.27 0.00	29.76 0.20 0.00	24.89 0.18 0.00	20.95 0.29 0.00	18.24 0.31 0.00	19.45 0.30 0.00	19.27 0.28 0.00	16.61 0.21 0.00
ALBANY___LFGE 323615	15.25 0.42 0.00	17.87 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.55 0.22 0.00	22.25 0.32 0.00	21.16 0.35 0.00	22.56 0.35 0.00	20.75 0.31 0.00	21.61 0.37 0.00	22.33 0.40 0.00	22.79 0.51 0.00	22.48 0.53 0.00	25.16 0.58 0.00	32.21 0.66 0.00	30.12 0.55 0.00	25.18 0.48 0.00	21.19 0.53 0.00	18.44 0.52 0.00	19.67 0.51 0.00	19.47 0.48 0.00	16.79 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	14.89 0.05 0.00	17.48 0.10 0.00	17.23 0.11 0.00	15.96 0.11 0.00	14.61 0.12 0.00	15.65 0.23 0.00	19.66 0.33 0.00	22.33 0.39 0.00	21.13 0.33 0.00	22.54 0.33 0.00	20.76 0.31 0.00	21.55 0.31 0.00	22.25 0.32 0.00	22.55 0.27 0.00	22.19 0.25 0.00	24.85 0.27 0.00	31.92 0.37 0.00	29.88 0.32 0.00	24.96 0.25 0.00	20.81 0.15 0.00	18.02 0.09 0.00	19.30 0.15 0.00	19.15 0.16 0.00	16.48 0.08 0.00
ALCOA_RYNLDS___DRP 24188	14.89 0.05 0.00	17.48 0.10 0.00	17.23 0.11 0.00	15.96 0.11 0.00	14.61 0.12 0.00	15.65 0.23 0.00	19.66 0.33 0.00	22.33 0.39 0.00	21.13 0.33 0.00	22.54 0.33 0.00	20.76 0.31 0.00	21.55 0.31 0.00	22.25 0.32 0.00	22.55 0.27 0.00	22.19 0.25 0.00	24.85 0.27 0.00	31.92 0.37 0.00	29.88 0.32 0.00	24.96 0.25 0.00	20.81 0.15 0.00	18.02 0.09 0.00	19.30 0.15 0.00	19.15 0.16 0.00	16.48 0.08 0.00
ALCOA___DSASP 323711	14.89 0.05 0.00	17.48 0.10 0.00	17.23 0.11 0.00	15.96 0.11 0.00	14.61 0.12 0.00	15.65 0.23 0.00	19.66 0.33 0.00	22.33 0.39 0.00	21.13 0.33 0.00	22.54 0.33 0.00	20.76 0.31 0.00	21.55 0.31 0.00	22.25 0.32 0.00	22.55 0.27 0.00	22.19 0.25 0.00	24.85 0.27 0.00	31.92 0.37 0.00	29.88 0.32 0.00	24.96 0.25 0.00	20.81 0.15 0.00	18.02 0.09 0.00	19.30 0.15 0.00	19.15 0.16 0.00	16.48 0.08 0.00
ALLEGHENY___COGEN 23514	15.19 0.36 0.00	17.78 0.40 0.00	17.51 0.39 0.00	16.19 0.34 0.00	14.87 0.38 0.00	16.06 0.64 0.00	20.33 1.00 0.00	22.69 0.76 0.00	21.06 0.26 0.00	22.66 0.46 0.00	20.83 0.38 0.00	21.57 0.33 0.00	22.34 0.41 0.00	22.48 0.21 0.00	22.03 0.08 0.00	24.76 0.18 0.00	31.95 0.40 0.00	29.85 0.29 0.00	25.01 0.30 0.00	20.99 0.33 0.00	18.24 0.31 0.00	19.65 0.49 0.00	19.53 0.53 0.00	16.73 0.32 0.00
ALTAMONT_115KV_TB 2 55880	15.19 0.36 0.00	17.82 0.43 0.00	17.54 0.42 0.00	16.25 0.40 0.00	14.81 0.33 0.00	15.67 0.25 0.00	19.58 0.25 0.00	22.25 0.32 0.00	21.15 0.35 0.00	22.55 0.35 0.00	20.75 0.31 0.00	21.60 0.36 0.00	22.33 0.40 0.00	22.76 0.49 0.00	22.46 0.51 0.00	25.14 0.56 0.00	32.17 0.62 0.00	30.09 0.53 0.00	25.16 0.45 0.00	21.22 0.56 0.00	18.47 0.54 0.00	19.72 0.56 0.00	19.54 0.55 0.00	16.85 0.44 0.00
ALTONA_WT_PWR 323606	15.40 0.57 0.00	17.96 0.58 0.00	17.72 0.60 0.00	16.44 0.59 0.00	15.04 0.55 0.00	16.07 0.65 0.00	20.22 0.89 0.00	23.01 1.08 0.00	21.77 0.97 0.00	23.30 1.09 0.00	21.30 0.86 0.00	22.04 0.80 0.00	22.67 0.74 0.00	23.08 0.80 0.00	22.75 0.81 0.00	25.39 0.82 0.00	32.54 0.98 0.00	30.59 1.03 0.00	25.65 0.94 0.00	21.35 0.69 0.00	18.41 0.49 0.00	19.58 0.42 0.00	19.43 0.44 0.00	16.68 0.27 0.00
AMERICAN_REF_FUEL 24010	14.33 -0.50 0.00	16.64 -0.58 0.16	16.53 -0.56 0.03	15.27 -0.55 0.03	14.10 -0.38 0.00	15.17 -0.04 0.20	19.02 0.05 0.36	21.51 -0.42 0.00	20.03 -0.77 0.00	21.74 -0.46 0.00	20.03 -0.42 0.00	20.75 -0.49 0.00	21.42 -0.52 0.00	21.43 -0.84 0.00	20.95 -1.00 0.00	23.49 -1.09 0.00	30.30 -1.25 0.00	28.29 -1.27 0.00	23.46 -1.25 0.00	19.38 -1.28 0.00	16.72 -1.21 0.00	18.12 -1.04 0.00	18.22 -0.77 0.00	15.80 -0.61 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.58 -0.26 0.00	16.99 -0.18 0.21	16.98 -0.10 0.04	15.76 -0.06 0.03	14.57 0.08 0.00	15.57 0.41 0.26	19.59 0.73 0.47	22.70 0.76 0.00	21.38 0.59 0.00	23.08 0.88 0.00	21.27 0.83 0.00	22.06 0.82 0.00	22.93 1.00 0.00	22.93 0.65 0.00	22.43 0.49 0.00	25.23 0.65 0.00	32.66 1.10 0.00	30.37 0.81 0.00	25.25 0.55 0.00	20.69 0.03 0.00	17.77 -0.16 0.00	19.06 -0.09 0.00	18.80 -0.19 0.00	16.09 -0.32 0.00
ARTHUR_KILL_GT_1 23520	15.48 0.65 0.00	18.02 0.63 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.93 0.51 0.00	19.95 0.62 0.00	22.71 0.78 0.00	21.67 0.87 0.00	23.15 0.94 0.00	21.31 0.86 0.00	22.23 0.99 0.00	23.12 1.19 0.00	23.59 1.32 0.00	23.36 1.41 0.00	26.20 1.63 0.00	33.50 1.94 0.00	31.50 1.93 0.00	26.29 1.59 0.00	22.04 1.38 0.00	19.10 1.18 0.00	20.38 1.22 0.00	20.20 1.21 0.00	17.37 0.96 0.00
ARTHUR_KILL_2 23512	15.45 0.61 0.00	17.97 0.59 0.00	17.74 0.62 0.00	16.44 0.59 0.00	14.99 0.51 0.00	15.90 0.48 0.00	19.90 0.57 0.00	22.66 0.73 0.00	21.62 0.82 0.00	23.09 0.88 0.00	21.26 0.82 0.00	22.19 0.95 0.00	23.06 1.13 0.00	23.54 1.27 0.00	23.30 1.36 0.00	26.13 1.56 0.00	33.40 1.85 0.00	31.42 1.86 0.00	26.23 1.52 0.00	21.98 1.33 0.00	19.05 1.13 0.00	20.33 1.17 0.00	20.14 1.15 0.00	17.33 0.92 0.00
ARTHUR_KILL_3 23513	15.46 0.63 0.00	17.97 0.59 0.00	17.70 0.58 0.00	16.40 0.55 0.00	14.96 0.48 0.00	15.84 0.42 0.00	19.89 0.56 0.00	22.70 0.77 0.00	21.67 0.87 0.00	23.16 0.96 0.00	21.35 0.90 0.00	22.27 1.03 0.00	23.17 1.23 0.00	23.65 1.38 0.00	23.39 1.45 0.00	26.17 1.59 0.00	33.43 1.87 0.00	31.38 1.82 0.00	26.21 1.50 0.00	21.95 1.29 0.00	19.01 1.08 0.00	20.29 1.13 0.00	20.08 1.09 0.00	17.29 0.88 0.00
ARTHUR_KILL_COGEN 323718	15.48 0.65 0.00	18.02 0.63 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.93 0.51 0.00	19.95 0.62 0.00	22.71 0.78 0.00	21.67 0.87 0.00	23.15 0.94 0.00	21.31 0.86 0.00	22.23 0.99 0.00	23.12 1.19 0.00	23.59 1.32 0.00	23.36 1.41 0.00	26.20 1.63 0.00	33.50 1.94 0.00	31.50 1.93 0.00	26.29 1.59 0.00	22.04 1.38 0.00	19.10 1.18 0.00	20.38 1.22 0.00	20.20 1.21 0.00	17.37 0.96 0.00
ASHOKAN____ 23654	15.31 0.48 0.00	17.92 0.54 0.00	17.65 0.52 0.00	16.35 0.50 0.00	14.90 0.42 0.00	15.79 0.37 0.00	19.76 0.43 0.00	22.51 0.58 0.00	21.37 0.57 0.00	22.76 0.55 0.00	20.80 0.36 0.00	21.66 0.42 0.00	22.42 0.48 0.00	22.91 0.64 0.00	22.72 0.78 0.00	25.39 0.81 0.00	32.67 1.12 0.00	30.57 1.01 0.00	25.62 0.91 0.00	21.56 0.90 0.00	18.76 0.83 0.00	19.98 0.83 0.00	19.76 0.77 0.00	16.98 0.57 0.00

ASTORIA_EAST_ENERGY_CC1 323581	15.50 0.66 0.00	17.96 0.57 0.00	17.74 0.62 0.00	16.43 0.58 0.00	14.99 0.50 0.00	15.89 0.48 0.00	19.96 0.63 0.00	22.73 0.80 0.00	21.66 0.86 0.00	23.20 0.99 0.00	21.30 0.85 0.00	22.26 1.02 0.00	23.15 1.22 0.00	23.61 1.33 0.00	23.36 1.42 0.00	26.17 1.60 0.00	33.36 1.81 0.00	31.37 1.81 0.00	26.16 1.45 0.00	21.93 1.27 0.00	19.02 1.09 0.00	20.28 1.12 0.00	20.13 1.14 0.00	17.31 0.90 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.50 0.66 0.00	17.96 0.57 0.00	17.74 0.62 0.00	16.43 0.58 0.00	14.99 0.50 0.00	15.89 0.48 0.00	19.96 0.63 0.00	22.73 0.80 0.00	21.66 0.86 0.00	23.20 0.99 0.00	21.30 0.85 0.00	22.26 1.02 0.00	23.15 1.22 0.00	23.61 1.33 0.00	23.36 1.42 0.00	26.17 1.60 0.00	33.36 1.81 0.00	31.37 1.81 0.00	26.16 1.45 0.00	21.93 1.27 0.00	19.02 1.09 0.00	20.28 1.12 0.00	20.13 1.14 0.00	17.31 0.90 0.00
ASTORIA_GT2_1 24094	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.92 0.00
ASTORIA_GT2_2 24095	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.92 0.00
ASTORIA_GT2_3 24096	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.92 0.00
ASTORIA_GT2_4 24097	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.92 0.00
ASTORIA_GT3_1 24098	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.92 0.00
ASTORIA_GT3_2 24099	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.74 0.81 0.00	21.68 0.88 0.00	23.21 1.00 0.00</														

ASTORIA_GT_10 24110	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.69 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.35 0.94 0.00
ASTORIA_GT_11 24225	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.69 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.35 0.94 0.00
ASTORIA_GT_12 24226	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
ASTORIA_GT_13 24227	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
ASTORIA_GT_5 24106	15.52 0.69 0.00	17.99 0.61 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.99 0.66 0.00	22.78 0.85 0.00	21.71 0.91 0.00	23.25 1.05 0.00	21.35 0.90 0.00	22.31 1.07 0.00	23.20 1.27 0.00	23.67 1.39 0.00	23.43 1.48 0.00	26.23 1.65 0.00	33.44 1.89 0.00	31.45 1.89 0.00	26.23 1.52 0.00	21.98 1.32 0.00	19.06 1.13 0.00	20.33 1.17 0.00	20.18 1.19 0.00	17.35 0.94 0.00
ASTORIA_GT_7 24107	15.52 0.69 0.00	17.99 0.61 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.99 0.66 0.00	22.78 0.85 0.00	21.71 0.91 0.00	23.25 1.05 0.00	21.35 0.90 0.00	22.31 1.07 0.00	23.20 1.27 0.00	23.67 1.39 0.00	23.43 1.48 0.00	26.23 1.65 0.00	33.44 1.89 0.00	31.45 1.89 0.00	26.23 1.52 0.00	21.98 1.32 0.00	19.06 1.13 0.00	20.33 1.17 0.00	20.18 1.19 0.00	17.35 0.94 0.00
ASTORIA_GT_8 24108	15.52 0.69 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	20.00 0.67 0.00	22.78 0.84 0.00	21.71 0.91 0.00	23.25 1.05 0.00	21.35 0.90 0.00	22.31 1.07 0.00	23.20 1.27 0.00	23.67 1.39 0.00	23.43 1.48 0.00	26.23 1.65 0.00	33.44 1.89 0.00	31.45 1.89 0.00	26.23 1.52 0.00	21.97 1.32 0.00	19.06 1.13 0.00	20.33 1.17 0.00	20.18 1.19 0.00	17.35 0.94 0.00
ASTORIA___2 24149	15.50 0.67 0.00	17.97 0.58 0.00	17.75 0.63 0.00	16.44 0.59 0.00	15.00 0.51 0.00	15.90 0.48 0.00	19.97 0.64 0.00	22.75 0.82 0.00	21.67 0.87 0.00	23.21 1.01 0.00	21.31 0.86 0.00	22.27 1.03 0.00	23.16 1.23 0.00	23.62 1.35 0.00	23.38 1.44 0.00	26.18 1.61 0.00	33.37 1.82 0.00	31.39 1.83 0.00	26.18 1.47 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.14 0.00	20.14 1.15 0.00	17.32 0.91 0.00
ASTORIA___3 23516	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.28 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
ASTORIA___4 23517	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.69 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.35 0.94 0.00
ASTORIA___5 23518	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
AST_ENERGY_2_CC3 323677	15.51 0.67 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.90 0.48 0.00	19.94 0.61 0.00	22.74 0.81 0.00	21.72 0.92 0.00	23.21 1.01 0.00	21.39 0.94 0.00	22.32 1.08 0.00	23.20 1.27 0.00	23.68 1.40 0.00	23.42 1.47 0.00	26.20 1.63 0.00	33.46 1.90 0.00	31.41 1.85 0.00	26.23 1.53 0.00	21.97 1.32 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.11 1.12 0.00	17.30 0.90 0.00
AST_ENERGY_2_CC4 323678	15.51 0.67 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.90 0.48 0.00	19.94 0.61 0.00	22.74 0.81 0.00	21.72 0.92 0.00	23.21 1.01 0.00	21.39 0.94 0.00	22.32 1.08 0.00	23.20 1.27 0.00	23.68 1.40 0.00	23.42 1.47 0.00	26.20 1.63 0.00	33.46 1.90 0.00	31.41 1.85 0.00	26.23 1.53 0.00	21.97 1.32 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.11 1.12 0.00	17.30 0.90 0.00
ATHENS_STG_1 23668	15.24 0.41 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.28 0.44 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.66 0.33 0.00	22.38 0.45 0.00	21.29 0.49 0.00	22.71 0.50 0.00	20.90 0.46 0.00	21.76 0.52 0.00	22.53 0.59 0.00	22.96 0.68 0.00	22.66 0.72 0.00	25.36 0.79 0.00	32.46 0.91 0.00	30.39 0.83 0.00	25.41 0.70 0.00	21.32 0.67 0.00	18.54 0.61 0.00	19.79 0.63 0.00	19.60 0.61 0.00	16.89 0.49 0.00
ATHENS_STG_2 23670	15.24 0.41 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.28 0.44 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.66 0.33 0.00	22.38 0.45 0.00	21.29 0.49 0.00	22.71 0.50 0.00	20.90 0.46 0.00	21.76 0.52 0.00	22.53 0.59 0.00	22.96 0.68 0.00	22.66 0.72 0.00	25.36 0.79 0.00	32.46 0.91 0.00	30.39 0.83 0.00	25.41 0.70 0.00	21.32 0.67 0.00	18.54 0.61 0.00	19.79 0.63 0.00	19.60 0.61 0.00	16.89 0.49 0.00

ATHENS_STG_3 23677	15.24 0.41 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.28 0.44 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.66 0.33 0.00	22.38 0.45 0.00	21.29 0.49 0.00	22.71 0.50 0.00	20.90 0.46 0.00	21.76 0.52 0.00	22.53 0.59 0.00	22.96 0.68 0.00	22.66 0.72 0.00	25.36 0.79 0.00	32.46 0.91 0.00	30.39 0.83 0.00	25.41 0.70 0.00	21.32 0.67 0.00	18.54 0.61 0.00	19.79 0.63 0.00	19.60 0.61 0.00	16.89 0.49 0.00
AUBURN___LFG 323710	14.96 0.13 0.00	17.45 0.06 0.00	17.16 0.04 0.00	15.89 0.04 0.00	14.54 0.05 0.00	15.53 0.12 0.00	19.53 0.20 0.00	22.08 0.15 0.00	20.90 0.10 0.00	22.32 0.12 0.00	20.54 0.09 0.00	21.31 0.07 0.00	21.99 0.06 0.00	22.55 0.02 -0.26	22.42 -0.01 -0.48	25.27 -0.01 -0.70	33.95 0.11 -2.29	31.54 0.11 -1.87	25.81 0.12 -0.99	21.01 0.06 -0.29	17.96 0.03 0.00	19.21 0.03 -0.02	19.03 0.04 0.00	16.46 0.05 0.00
BABYLON_RES_REC 323704	15.75 0.91 0.00	18.26 0.87 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.14 0.72 0.00	20.22 0.89 0.00	23.07 1.14 0.00	22.03 1.23 0.00	23.49 1.29 0.00	21.74 1.30 0.00	22.55 1.31 0.00	23.46 1.53 0.00	59.15 1.48 -35.39	35.14 1.71 -11.48	33.61 1.89 -7.15	33.78 2.22 -0.01	53.99 2.25 -22.17	49.85 1.97 -23.18	100.16 1.69 -77.82	90.01 1.41 -70.68	55.01 1.50 -34.35	38.16 1.49 -17.68	45.98 1.23 -28.34
BABYLON__69_KV_BK2 356345	15.91 1.08 0.00	18.43 1.05 0.00	18.14 1.02 0.00	16.81 0.96 0.00	15.36 0.87 0.00	16.31 0.89 0.00	20.45 1.13 0.00	23.33 1.40 0.00	22.28 1.48 0.00	23.76 1.55 0.00	22.00 1.56 0.00	22.79 1.55 0.00	23.71 1.78 0.00	59.34 1.67 -35.39	35.37 1.94 -11.48	33.89 2.17 -7.15	34.09 2.53 -0.01	54.31 2.58 -22.17	50.13 2.25 -23.18	100.40 1.92 -77.82	90.22 1.62 -70.68	55.21 1.70 -34.35	38.36 1.69 -17.68	46.15 1.40 -28.34
BARON_WINDS___WT_PWR 323822	14.76 -0.08 0.00	17.39 -0.12 -0.12	17.05 -0.10 -0.03	15.73 -0.14 -0.02	14.39 -0.10 0.00	15.58 0.01 -0.16	19.79 0.18 -0.28	22.08 0.14 0.00	20.90 0.09 0.00	22.50 0.30 0.00	20.64 0.19 0.00	21.41 0.17 0.00	22.19 0.26 0.00	22.41 0.07 -0.06	22.03 -0.04 -0.11	24.80 0.06 -0.17	32.26 0.17 -0.54	29.99 -0.02 -0.44	24.91 -0.03 -0.23	20.50 -0.23 -0.07	17.62 -0.31 0.00	18.94 -0.22 0.00	18.90 -0.10 0.00	16.15 -0.26 0.00
BARRETT_IC_1 23704	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_10 23701	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_11 23702	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_12 23703	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_2 23705	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_3 23706	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_4 23707	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_5 23708	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_6 23709	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_7 23710	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.69 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.98 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.99 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.44 -17.68	45.92 1.17 -28.34

BARRETT_IC_8 23711	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT_IC_9 23700	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT___1 23545	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BARRETT___2 23546	15.59 0.76 0.00	18.08 0.70 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	19.87 0.55 0.00	22.68 0.76 0.00	21.70 0.90 0.00	23.17 0.97 0.00	21.47 1.02 0.00	22.30 1.07 0.00	23.21 1.28 0.00	58.93 1.27 -35.39	34.97 1.55 -11.48	33.52 1.79 -7.15	33.64 2.08 -0.01	53.72 1.98 -22.17	49.57 1.69 -23.18	99.95 1.47 -77.82	89.84 1.24 -70.68	54.91 1.40 -34.35	38.10 1.43 -17.68	45.92 1.17 -28.34
BATAVIA__115KV_TB1 55881	14.72 -0.11 0.00	17.27 -0.11 0.00	17.01 -0.11 0.00	15.72 -0.13 0.00	14.48 -0.01 0.00	15.78 0.36 0.00	19.91 0.58 0.00	22.16 0.23 0.00	20.75 -0.05 0.00	22.52 0.32 0.00	20.65 0.19 0.00	21.34 0.10 0.00	22.03 0.10 0.00	22.08 -0.20 0.00	21.65 -0.30 0.00	24.30 -0.27 0.00	31.39 -0.16 0.00	29.37 -0.19 0.00	24.42 -0.29 0.00	20.18 -0.48 0.00	17.44 -0.48 0.00	18.88 -0.27 0.00	18.86 -0.13 0.00	16.29 -0.12 0.00
BAYONEEC___CTG1 323682	15.51 0.68 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.89 0.48 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.24 1.04 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.44 0.00	23.45 1.51 0.00	26.24 1.67 0.00	33.51 1.95 0.00	31.46 1.90 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.06 1.14 0.00	20.34 1.18 0.00	20.14 1.15 0.00	17.32 0.92 0.00
BAYONEEC___CTG10 323750	15.51 0.68 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.89 0.48 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.24 1.04 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.44 0.00	23.45 1.51 0.00	26.24 1.67 0.00	33.51 1.95 0.00	31.46 1.90 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.06 1.14 0.00	20.34 1.18 0.00	20.14 1.15 0.00	17.32 0.92 0.00
BAYONEEC___CTG2 323683	15.51 0.68 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.89																		

BEACON___LESR 323632	15.28 0.45 0.00	17.88 0.50 0.00	17.57 0.45 0.00	16.30 0.45 0.00	14.83 0.35 0.00	15.73 0.31 0.00	19.59 0.26 0.00	22.33 0.40 0.00	21.24 0.44 0.00	22.63 0.43 0.00	20.81 0.37 0.00	21.66 0.42 0.00	22.39 0.46 0.00	22.87 0.59 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.33 0.77 0.00	30.24 0.68 0.00	25.31 0.60 0.00	21.31 0.66 0.00	18.54 0.62 0.00	19.78 0.62 0.00	19.57 0.57 0.00	16.86 0.45 0.00
BEAVER RIVER___HYD 24048	15.14 0.31 0.00	17.82 0.44 0.00	17.55 0.43 0.00	16.24 0.39 0.00	14.87 0.38 0.00	15.92 0.50 0.00	20.03 0.71 0.00	22.66 0.73 0.00	21.42 0.62 0.00	22.71 0.50 0.00	20.80 0.35 0.00	21.53 0.29 0.00	22.20 0.27 0.00	22.52 0.10 -0.14	22.22 0.02 -0.26	24.94 -0.02 -0.38	33.11 0.32 -1.23	31.01 0.44 -1.00	25.70 0.47 -0.53	21.17 0.36 -0.16	18.28 0.36 0.00	19.58 0.41 -0.01	19.25 0.26 0.00	16.41 0.00 0.00
BEEBEE_GT_13 23619	14.74 -0.10 0.00	17.28 -0.11 0.00	17.00 -0.12 0.00	15.72 -0.13 0.00	14.44 -0.05 0.00	15.58 0.17 0.00	19.63 0.30 0.00	22.09 0.15 0.00	20.80 -0.01 0.00	22.40 0.19 0.00	20.62 0.17 0.00	21.37 0.13 0.00	22.06 0.13 0.00	22.26 -0.02 0.00	21.78 -0.16 0.00	24.41 -0.17 0.00	31.50 -0.06 0.00	29.47 -0.09 0.00	24.54 -0.17 0.00	20.36 -0.30 0.00	17.59 -0.34 0.00	18.90 -0.26 0.00	18.82 -0.18 0.00	16.27 -0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.62 0.79 0.00	18.15 0.77 0.00	17.89 0.78 0.00	16.58 0.73 0.00	15.13 0.64 0.00	16.04 0.62 0.00	20.10 0.78 0.00	22.92 0.99 0.00	21.88 1.08 0.00	23.40 1.20 0.00	21.56 1.11 0.00	22.51 1.27 0.00	23.40 1.47 0.00	23.88 1.60 0.00	23.63 1.69 0.00	26.50 1.92 0.00	33.85 2.29 0.00	31.81 2.25 0.00	26.55 1.84 0.00	22.24 1.59 0.00	19.27 1.34 0.00	20.55 1.40 0.00	20.36 1.37 0.00	17.50 1.09 0.00
BETHLEHEM___GRP 23843	15.12 0.28 0.00	17.72 0.34 0.00	17.45 0.33 0.00	16.17 0.32 0.00	14.73 0.24 0.00	15.56 0.14 0.00	19.33 0.01 0.00	22.00 0.07 0.00	20.92 0.12 0.00	22.29 0.09 0.00	20.51 0.06 0.00	21.36 0.12 0.00	22.07 0.14 0.00	22.53 0.26 0.00	22.22 0.27 0.00	24.88 0.30 0.00	31.83 0.27 0.00	29.76 0.20 0.00	24.89 0.18 0.00	20.95 0.29 0.00	18.24 0.31 0.00	19.45 0.30 0.00	19.27 0.28 0.00	16.61 0.21 0.00
BETHLEHEM___GS1 323560	15.12 0.28 0.00	17.73 0.34 0.00	17.45 0.33 0.00	16.17 0.32 0.00	14.73 0.24 0.00	15.56 0.14 0.00	19.33 0.01 0.00	22.00 0.07 0.00	20.92 0.12 0.00	22.29 0.09 0.00	20.51 0.06 0.00	21.36 0.12 0.00	22.07 0.14 0.00	22.53 0.26 0.00	22.22 0.27 0.00	24.87 0.30 0.00	31.82 0.27 0.00	29.76 0.20 0.00	24.89 0.18 0.00	20.95 0.29 0.00	18.24 0.31 0.00	19.45 0.30 0.00	19.26 0.27 0.00	16.61 0.21 0.00
BETHLEHEM___GS2 323561	15.12 0.28 0.00	17.73 0.34 0.00	17.45 0.33 0.00	16.17 0.32 0.00	14.73 0.24 0.00	15.56 0.14 0.00	19.33 0.01 0.00	22.00 0.07 0.00	20.92 0.12 0.00	22.29 0.09 0.00	20.51 0.06 0.00	21.36 0.12 0.00	22.07 0.14 0.00	22.53 0.26 0.00	22.22 0.27 0.00	24.87 0.30 0.00	31.82 0.27 0.00	29.76 0.20 0.00	24.89 0.18 0.00	20.95 0.29 0.00	18.24 0.31 0.00	19.45 0.30 0.00	19.26 0.27 0.00	16.61 0.21 0.00
BETHLEHEM___GS3 323562	15.12 0.28 0.00	17.73 0.34 0.00	17.45 0.33 0.00	16.17 0.32 0.00	14.73 0.24 0.00	15.56 0.14 0.00	19.33 0.01 0.00	22.00 0.07 0.00	20.92 0.12 0.00	22.29 0.09 0.00	20.51 0.06 0.00	21.36 0.12 0.00	22.07 0.14 0.00	22.53 0.26 0.00	22.22 0.27 0.00	24.87 0.30 0.00	31.82 0.27 0.00	29.76 0.20 0.00	24.89 0.18 0.00	20.95 0.29 0.00	18.24 0.31 0.00	19.45 0.30 0.00	19.26 0.27 0.00	16.61 0.21 0.00
BETHLEHEM___STEEL 23779	14.67 -0.17 0.00	17.22 -0.17 0.00	16.95 -0.17 0.00	15.67 -0.18 0.00	14.41 -0.07 0.00	15.66 0.24 0.00	19.77 0.45 0.00	22.12 0.19 0.00	20.71 -0.09 0.00	22.41 0.20 0.00	20.64 0.19 0.00	21.39 0.15 0.00	22.13 0.20 0.00	22.17 -0.11 0.00	21.67 -0.28 0.00	24.31 -0.27 0.00	31.40 -0.15 0.00	29.28 -0.28 0.00	24.30 -0.41 0.00	20.05 -0.61 0.00	17.31 -0.61 0.00	18.68 -0.47 0.00	18.70 -0.29 0.00	16.13 -0.27 0.00
BETHLHEM_115KV_TB1 79974	15.14 0.30 0.00	17.75 0.36 0.00	17.48 0.36 0.00	16.19 0.34 0.00	14.75 0.27 0.00	15.59 0.17 0.00	19.39 0.06 0.00	22.06 0.13 0.00	20.98 0.18 0.00	22.36 0.16 0.00	20.57 0.12 0.00	21.42 0.18 0.00	22.14 0.21 0.00	22.59 0.31 0.00	22.28 0.34 0.00	24.94 0.37 0.00	31.92 0.37 0.00	29.85 0.29 0.00	24.96 0.25 0.00	21.00 0.35 0.00	18.29 0.36 0.00	19.51 0.35 0.00	19.32 0.33 0.00	16.66 0.25 0.00
BETHPAGE_CC_5 323564	15.71 0.88 0.00	18.21 0.83 0.00	17.92 0.81 0.00	16.61 0.76 0.00	15.16 0.68 0.00	16.09 0.67 0.00	20.15 0.82 0.00	23.00 1.07 0.00	21.97 1.16 0.00	23.46 1.25 0.00	21.71 1.26 0.00	22.53 1.29 0.00	23.44 1.51 0.00	59.15 1.49 -35.39	35.15 1.72 -11.48	33.61 1.89 -7.15	33.79 2.22 -0.01	53.96 2.23 -22.17	49.77 1.88 -23.18	100.10 1.62 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.13 1.46 -17.68	45.95 1.20 -28.34
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.70 -0.13 0.00	17.24 -0.14 0.00	16.99 -0.13 0.00	15.70 -0.15 0.00	14.44 -0.05 0.00	15.70 0.28 0.00	19.81 0.49 0.00	22.19 0.26 0.00	20.78 -0.02 0.00	22.48 0.28 0.00	20.71 0.26 0.00	21.47 0.23 0.00	22.21 0.27 0.00	22.24 -0.03 0.00	21.74 -0.21 0.00	24.39 -0.19 0.00	31.51 -0.05 0.00	29.38 -0.18 0.00	24.38 -0.33 0.00	20.11 -0.54 0.00	17.37 -0.55 0.00	18.75 -0.41 0.00	18.76 -0.23 0.00	16.17 -0.24 0.00
BINGHAMTON___COGEN 23790	14.93 0.09 0.00	17.44 0.06 0.00	17.17 0.05 0.00	15.89 0.04 0.00	14.53 0.05 0.00	15.51 0.09 0.00	19.52 0.19 0.00	22.14 0.21 0.00	20.97 0.17 0.00	22.45 0.25 0.00	20.68 0.22 0.00	21.46 0.22 0.00	22.23 0.30 0.00	22.63 0.24 -0.11	22.37 0.21 -0.21	25.17 0.28 -0.31	33.01 0.45 -1.01	30.75 0.36 -0.82	25.43 0.29 -0.44	20.96 0.18 -0.13	18.06 0.13 0.00	19.32 0.16 -0.01	19.19 0.20 0.00	16.54 0.13 0.00
BIXINCNT_115KV_LOAD 355685	14.78 -0.06 0.00	17.32 -0.06 0.00	17.11 -0.01 0.00	15.83 -0.02 0.00	14.55 0.06 0.00	15.78 0.36 0.00	19.97 0.65 0.00	22.51 0.58 0.00	21.16 0.36 0.00	22.87 0.67 0.00	21.01 0.56 0.00	21.80 0.56 0.00	22.52 0.59 0.00	22.57 0.29 0.00	22.04 0.10 0.00	24.75 0.18 0.00	31.98 0.42 0.00	29.76 0.20 0.00	24.69 -0.02 0.00	20.41 -0.25 0.00	17.65 -0.28 0.00	18.92 -0.24 0.00	18.92 -0.07 0.00	16.21 -0.19 0.00
BLACK RIVER___HYD 24047	15.18 0.35 0.00	17.88 0.50 0.00	17.60 0.48 0.00	16.28 0.43 0.00	14.92 0.43 0.00	15.98 0.56 0.00	20.12 0.79 0.00	22.70 0.77 0.00	21.45 0.65 0.00	22.71 0.50 0.00	20.78 0.33 0.00	21.54 0.30 0.00	22.20 0.27 0.00	22.61 0.09 -0.24	22.38 -0.01 -0.44	25.07 -0.15 -0.64	33.92 0.29 -2.08	31.84 0.59 -1.70	26.19 0.58 -0.90	21.38 0.45 -0.26	18.39 0.46 0.00	19.64 0.47 -0.02	19.25 0.26 0.00	16.40 -0.01 0.00

BLACKRVR_115KV_TB2 79977	15.18 0.35 0.00	17.88 0.50 0.00	17.60 0.48 0.00	16.28 0.43 0.00	14.92 0.43 0.00	15.98 0.56 0.00	20.12 0.79 0.00	22.70 0.77 0.00	21.45 0.65 0.00	22.71 0.50 0.00	20.78 0.33 0.00	21.54 0.30 0.00	22.20 0.27 0.00	22.61 0.09 -0.24	22.38 -0.01 -0.44	25.07 -0.15 -0.64	33.92 0.29 -2.08	31.84 0.59 -1.70	26.19 0.58 -0.90	21.38 0.45 -0.26	18.39 0.46 0.00	19.64 0.47 -0.02	19.25 0.26 0.00	16.40 -0.01 0.00
BLISS_WT_PWR 323608	14.76 -0.08 0.00	17.09 -0.07 0.22	17.07 0.00 0.05	15.80 -0.02 0.04	14.56 0.07 0.00	15.51 0.37 0.28	19.48 0.65 0.50	22.53 0.59 0.00	21.17 0.37 0.00	22.89 0.68 0.00	21.03 0.58 0.00	21.81 0.57 0.00	22.52 0.59 0.00	22.57 0.30 0.00	22.04 0.10 0.00	24.76 0.19 0.00	31.97 0.42 0.00	29.74 0.18 0.00	24.67 -0.04 0.00	20.40 -0.26 0.00	17.64 -0.29 0.00	18.88 -0.28 0.00	18.88 -0.11 0.00	16.16 -0.25 0.00
BLUE_CIRC_CHEM_DRP 24182	15.29 0.46 0.00	17.96 0.57 0.00	17.69 0.57 0.00	16.39 0.54 0.00	14.93 0.45 0.00	15.80 0.38 0.00	19.71 0.38 0.00	22.39 0.46 0.00	21.26 0.46 0.00	22.67 0.46 0.00	20.84 0.39 0.00	21.68 0.44 0.00	22.40 0.47 0.00	22.83 0.55 0.00	22.50 0.56 0.00	25.20 0.63 0.00	32.28 0.72 0.00	30.18 0.62 0.00	25.24 0.53 0.00	21.25 0.59 0.00	18.49 0.56 0.00	19.73 0.58 0.00	19.55 0.56 0.00	16.86 0.46 0.00
BOC_GAS_DRP 24189	15.18 0.35 0.00	17.80 0.41 0.00	17.53 0.40 0.00	16.24 0.39 0.00	14.80 0.32 0.00	15.65 0.23 0.00	19.54 0.21 0.00	22.23 0.30 0.00	21.14 0.34 0.00	22.54 0.34 0.00	20.74 0.30 0.00	21.59 0.35 0.00	22.32 0.39 0.00	22.76 0.48 0.00	22.45 0.50 0.00	25.13 0.55 0.00	32.16 0.60 0.00	30.07 0.51 0.00	25.15 0.45 0.00	21.14 0.48 0.00	18.39 0.46 0.00	19.62 0.47 0.00	19.45 0.46 0.00	16.77 0.36 0.00
BOONVILLE_115KV_TB1 79983	15.14 0.31 0.00	17.77 0.38 0.00	17.50 0.38 0.00	16.20 0.35 0.00	14.81 0.33 0.00	15.82 0.40 0.00	19.88 0.55 0.00	22.53 0.60 0.00	21.33 0.53 0.00	22.69 0.49 0.00	20.86 0.42 0.00	21.62 0.38 0.00	22.31 0.38 -0.07	22.64 0.30 -0.12	22.33 0.26 -0.18	25.07 0.31 -0.59	32.74 0.59 -0.48	30.64 0.61 -0.25	25.53 0.57 -0.25	21.21 0.48 -0.07	18.37 0.44 0.00	19.63 0.47 0.00	19.36 0.37 0.00	16.61 0.20 0.00
BORALEX_4TH_BRANCH 23824	15.56 0.72 0.00	18.37 0.98 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.18 0.69 0.00	16.09 0.67 0.00	20.16 0.82 0.00	22.94 1.01 0.00	21.79 0.99 0.00	23.17 0.97 0.00	21.32 0.88 0.00	22.21 0.97 0.00	22.85 0.92 0.00	23.33 1.05 0.00	22.97 1.02 0.00	25.66 1.08 0.00	32.75 1.19 0.00	30.51 0.95 0.00	25.55 0.84 0.00	21.55 0.89 0.00	18.81 0.88 0.00	20.16 1.01 0.00	20.00 1.01 0.00	17.23 0.82 0.00
BOWLINE___1 23526	15.39 0.56 0.00	17.89 0.51 0.00	17.62 0.50 0.00	16.32 0.48 0.00	14.90 0.41 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.59 0.66 0.00	21.57 0.77 0.00	23.04 0.83 0.00	21.23 0.78 0.00	22.14 0.90 0.00	23.01 1.08 0.00	23.47 1.19 0.00	23.20 1.26 0.00	25.98 1.40 0.00	33.22 1.67 0.00	31.17 1.61 0.00	26.06 1.35 0.00	21.81 1.15 0.00	18.92 0.99 0.00	20.18 1.02 0.00	19.98 0.99 0.00	17.20 0.79 0.00
BOWLINE___2 23595	15.39 0.56 0.00	17.89 0.51 0.00	17.62 0.50 0.00	16.32 0.48 0.00	14.90 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.59 0.66 0.00	21.57 0.77 0.00	23.04 0.84 0.00	21.23 0.78 0.00	22.14 0.90 0.00	23.01 1.08 0.00	23.47 1.19 0.00	23.20 1.26 0.00	25.98 1.41 0.00	33.22 1.67 0.00	31.17 1.61 0.00	26.06 1.35 0.00	21.81 1.15 0.00	18.92 0.99 0.00	20.18 1.02 0.00	19.98 0.99 0.00	17.20 0.79 0.00
BRADY___115KV_TB2 356060	15.03 0.19 0.00	17.65 0.27 0.00	17.39 0.27 0.00	16.11 0.26 0.00	14.76 0.27 0.00	15.84 0.42 0.00	19.91 0.58 0.00	22.61 0.68 0.00	21.38 0.58 0.00	22.79 0.59 0.00	20.97 0.53 0.00	21.78 0.54 0.00	22.47 0.54 0.00	22.78 0.50 0.00	22.42 0.47 0.00	25.11 0.53 0.00	32.28 0.73 0.00	30.17 0.61 0.00	25.22 0.51 0.00	21.02 0.36 0.00	18.21 0.28 0.00	19.55 0.39 0.00	19.37 0.38 0.00	16.65 0.24 0.00
BRANSCOMB___SOLAR 323811	15.68 0.85 0.00	18.38 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.29 0.80 0.00	16.24 0.82 0.00	20.38 1.06 0.00	23.15 1.22 0.00	21.88 1.08 0.00	23.31 1.11 0.00	21.41 0.96 0.00	22.27 1.03 0.00	22.93 1.00 0.00	23.32 1.04 0.00	23.00 1.06 0.00	25.78 1.20 0.00	33.09 1.54 0.00	31.05 1.49 0.00	26.11 1.40 0.00	21.95 1.29 0.00	19.16 1.23 0.00	20.45 1.30 0.00	20.26 1.26 0.00	17.39 0.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	15.87 1.03 0.00	18.39 1.01 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.27 0.85 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.42 0.00	23.69 1.49 0.00	21.96 1.51 0.00	22.74 1.50 0.00	23.65 1.72 0.00	59.24 1.58 -35.39	35.28 1.85 -11.48	33.79 2.07 -7.15	33.94 2.37 -0.01	54.15 2.41 -22.17	49.98 2.10 -23.18	100.27 1.80 -77.82	90.10 1.49 -70.68	55.05 1.54 -34.35	38.24 1.57 -17.68	46.07 1.32 -28.34
BRISTLHL_115KV_TB1 79998	14.65 -0.18 0.00	17.16 -0.22 0.00	16.89 -0.22 0.00	15.63 -0.22 0.00	14.30 -0.18 0.00	15.25 -0.17 0.00	19.11 -0.21 0.00	21.60 -0.33 0.00	20.47 -0.33 0.00	21.85 -0.35 0.00	20.13 -0.32 0.00	20.89 -0.35 0.00	21.52 -0.41 0.00	22.34 -0.45 -0.52	22.45 -0.46 -0.96	25.47 -0.51 -1.40	35.52 -0.58 -4.55	32.74 -0.53 -3.71	26.23 -0.44 -1.96	20.84 -0.39 -0.58	17.59 -0.35 -0.01	18.82 -0.38 -0.04	18.62 -0.37 0.00	16.16 -0.25 0.00
BROOKHAVEN___DRP 24191	15.89 1.05 0.00	18.41 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.30 0.88 0.00	20.42 1.09 0.00	23.28 1.36 0.00	22.23 1.43 0.00	23.67 1.47 0.00	21.91 1.46 0.00	22.66 1.41 0.00	23.53 1.60 0.00	58.88 1.21 -35.39	34.97 1.54 -11.48	33.47 1.75 -7.15	33.38 1.82 -0.01	53.66 1.93 -22.17	49.60 1.72 -23.18	99.96 1.49 -77.82	89.80 1.19 -70.68	54.87 1.36 -34.35	37.99 1.32 -17.68	45.93 1.18 -28.34
BROOKLYN_NAVY_YARD 23515	15.50 0.66 0.00	18.00 0.62 0.00	17.74 0.62 0.00	16.44 0.59 0.00	15.00 0.52 0.00	15.90 0.48 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.73 0.93 0.00	23.22 1.02 0.00	21.40 0.95 0.01	22.33 1.09 0.00	23.21 1.28 0.01	23.68 1.41 0.00	23.43 1.48 0.00	26.21 1.64 0.00	33.48 1.93 0.00	31.43 1.87 0.00	26.26 1.55 0.00	21.99 1.34 0.00	19.05 1.12 0.00	20.32 1.16 0.00	20.14 1.15 0.00	17.32 0.91 0.00
BROOKLYN___ARMY_DRP 323595	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00



BROOKVLE_69_KV_TB1 55790	15.68 0.84 0.00	18.19 0.80 0.00	17.91 0.79 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.13 0.81 0.00	22.98 1.05 0.00	21.96 1.16 0.00	23.45 1.25 0.00	21.70 1.25 0.00	22.57 1.33 0.00	23.47 1.54 0.00	59.27 1.60 -35.39	35.21 1.78 -11.48	33.72 1.99 -7.15	33.95 2.39 -0.01	54.06 2.32 -22.17	49.78 1.90 -23.18	100.09 1.61 -77.82	90.01 1.40 -70.68	54.93 1.42 -34.35	38.10 1.43 -17.68	45.91 1.16 -28.34
BROOME_2_LFGE 323671	14.93 0.09 0.00	17.47 0.06 -0.03	17.18 0.05 -0.01	15.90 0.04 0.00	14.53 0.05 0.00	15.55 0.09 -0.04	19.59 0.19 -0.08	22.14 0.21 0.00	20.97 0.17 0.00	22.45 0.25 0.00	20.68 0.23 0.00	21.46 0.22 0.00	22.23 0.30 0.00	22.63 0.24 -0.11	22.37 0.20 -0.21	25.17 0.28 -0.31	33.01 0.45 -1.01	30.75 0.36 -0.82	25.44 0.29 -0.44	20.96 0.18 -0.13	18.06 0.13 0.00	19.32 0.15 -0.01	19.20 0.21 0.00	16.54 0.13 0.00
BROOME___LFGE 323600	14.93 0.09 0.00	17.47 0.06 -0.03	17.18 0.05 -0.01	15.90 0.04 0.00	14.53 0.05 0.00	15.55 0.09 -0.04	19.59 0.19 -0.08	22.14 0.21 0.00	20.97 0.17 0.00	22.45 0.25 0.00	20.68 0.23 0.00	21.46 0.22 0.00	22.23 0.30 0.00	22.63 0.24 -0.11	22.37 0.20 -0.21	25.17 0.28 -0.31	33.01 0.45 -1.01	30.75 0.36 -0.82	25.44 0.29 -0.44	20.96 0.18 -0.13	18.06 0.13 0.00	19.32 0.15 -0.01	19.20 0.21 0.00	16.54 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.21 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.05 0.00
BROWNSV1_27_KV_LOAD 356125	15.64 0.81 0.00	18.16 0.78 0.00	17.88 0.76 0.00	16.57 0.72 0.00	15.12 0.63 0.00	16.03 0.61 0.00	20.13 0.81 0.00	22.99 1.06 0.00	21.96 1.16 0.00	23.47 1.26 0.00	21.63 1.18 0.00	22.57 1.33 0.00	23.48 1.54 0.00	23.95 1.67 0.00	23.69 1.74 0.00	26.52 1.95 0.00	33.87 2.31 0.00	31.80 2.24 0.00	26.55 1.85 0.00	22.24 1.58 0.00	19.26 1.33 0.00	20.55 1.39 0.00	20.34 1.35 0.00	17.49 1.08 0.00
BURROWS___LYONSDAL 23803	15.15 0.31 0.00	17.79 0.40 0.00	17.51 0.40 0.00	16.21 0.37 0.00	14.83 0.35 0.00	15.84 0.43 0.00	19.92 0.59 0.00	22.57 0.64 0.00	21.36 0.56 0.00	22.70 0.50 0.00	20.85 0.40 0.00	21.60 0.36 0.00	22.28 0.35 0.00	22.59 0.23 -0.08	22.28 0.18 -0.15	25.02 0.22 -0.22	32.79 0.52 -0.72	30.71 0.57 -0.58	25.56 0.55 -0.31	21.20 0.45 -0.09	18.35 0.42 0.00	19.61 0.45 -0.01	19.32 0.34 0.00	16.54 0.13 0.00
CAITHNESS_CC_1 323624	15.85 1.01 0.00	18.36 0.97 0.00	18.07 0.95 0.00	16.74 0.89 0.00	15.30 0.81 0.00	16.25 0.83 0.00	20.36 1.03 0.00	23.21 1.28 0.00	22.16 1.36 0.00	23.61 1.40 0.00	21.85 1.40 0.00	22.60 1.36 0.00	23.48 1.55 0.00	58.89 1.22 -35.39	34.96 1.54 -11.48	33.46 1.74 -7.15	33.40 1.83 -0.01	53.67 1.94 -22.17	49.60 1.72 -23.18	99.96 1.48 -77.82	89.80 1.20 -70.68	54.84 1.33 -34.35	37.98 1.31 -17.68	45.90 1.16 -28.34
CALPINE BETH_PAGE_GT4 24209	15.69 0.86 0.00	18.19 0.81 0.00	17.90 0.78 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.13 0.80 0.00	22.97 1.04 0.00	21.94 1.14 0.00	23.43 1.22 0.00	21.68 1.23 0.00	22.51 1.27 0.00	23.41 1.48 0.00	59.13 1.47 -35.39	35.13 1.70 -11.48	33.54 1.82 -7.15	33.71 2.14 -0.01	53.88 2.14 -22.17	49.69 1.81 -23.18	100.04 1.57 -77.82	89.92 1.32 -70.68	54.92 1.41 -34.35	38.12 1.45 -17.68	45.94 1.19 -28.34
CALPINE_BETH_PAGE_GT_4 323586	15.69 0.86 0.00	18.19 0.81 0.00	17.90 0.78 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.13 0.80 0.00	22.97 1.04 0.00	21.94 1.14 0.00	23.43 1.22 0.00	21.68 1.23 0.00	22.51 1.27 0.00	23.41 1.48 0.00	59.13 1.47 -35.39	35.12 1.70 -11.48	33.54 1.81 -7.15	33.70 2.14 -0.01	53.88 2.14 -22.17	49.69 1.81 -23.18	100.04 1.57 -77.82	89.92 1.32 -70.68	54.92 1.41 -34.35	38.12 1.45 -17.68	45.93 1.19 -28.34
CALPINE_BP_GT1 23823	15.69 0.86 0.00	18.19 0.81 0.00	17.90 0.78 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.13 0.80 0.00	22.97 1.04 0.00	21.94 1.14 0.00	23.43 1.22 0.00	21.68 1.23 0.00	22.51 1.27 0.00	23.41 1.48 0.00	59.13 1.47 -35.39	35.12 1.70 -11.48	33.54 1.81 -7.15	33.70 2.14 -0.01	53.88 2.14 -22.17	49.69 1.81 -23.18	100.04 1.57 -77.82	89.92 1.32 -70.68	54.92 1.41 -34.35	38.12 1.45 -17.68	45.93 1.19 -28.34
CALSPAN___DRP 24200	14.67 -0.17 0.00	17.22 -0.17 0.00	16.95 -0.17 0.00	15.67 -0.18 0.00	14.41 -0.07 0.00	15.66 0.24 0.00	19.77 0.45 0.00	22.12 0.19 0.00	20.71 -0.09 0.00	22.41 0.20 0.00	20.64 0.19 0.00	21.39 0.15 0.00	22.13 0.20 0.00	22.17 -0.11 0.00	21.67 -0.28 0.00	24.31 -0.27 0.00	31.40 -0.15 0.00	29.28 -0.28 0.00	24.30 -0.41 0.00	20.05 -0.61 0.00	17.31 -0.61 0.00	18.68 -0.47 0.00	18.70 -0.29 0.00	16.13 -0.27 0.00
CALVERTON___SOLAR 323806	15.94 1.10 0.00	18.47 1.08 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.17 0.00	23.37 1.44 0.00	22.31 1.51 0.00	23.76 1.56 0.00	21.98 1.53 0.00	22.72 1.48 0.00	23.60 1.67 0.00	58.91 1.24 -35.39	35.01 1.58 -11.48	33.51 1.79 -7.15	33.42 1.85 -0.01	53.70 1.97 -22.17	49.65 1.77 -23.18	100.00 1.52 -77.82	89.81 1.21 -70.68	54.91 1.40 -34.35	38.03 1.36 -17.68	45.97 1.23 -28.34
CANDIGU_WT_PWR 323617	14.76 -0.08 0.00	17.39 -0.12 -0.12	17.05 -0.10 -0.03	15.73 -0.14 -0.02	14.39 -0.10 0.00	15.58 0.01 -0.16	19.79 0.18 -0.28	22.08 0.14 0.00	20.90 0.09 0.00	22.50 0.30 0.00	20.64 0.19 0.00	21.41 0.17 0.00	22.19 0.26 0.00	22.41 0.07 -0.06	22.03 -0.04 -0.11	24.80 0.06 -0.17	32.26 0.17 -0.54	29.99 -0.02 -0.44	24.91 -0.03 -0.23	20.50 -0.23 -0.07	17.62 -0.31 0.00	18.94 -0.22 0.00	18.90 -0.10 0.00	16.15 -0.26 0.00
CARR STREET_E_SYR 24060	14.72 -0.11 0.00	17.24 -0.15 0.00	16.97 -0.15 0.00	15.70 -0.15 0.00	14.37 -0.12 0.00	15.33 -0.09 0.00	19.23 -0.10 0.00	21.75 -0.19 0.00	20.61 -0.20 0.00	22.03 -0.18 0.00	20.30 -0.15 0.00	21.05 -0.19 0.00	21.72 -0.22 0.00	22.17 -0.27 -0.15	21.92 -0.32 -0.29	24.63 -0.37 -0.42	32.53 -0.39 -1.37	30.30 -0.38 -1.12	24.97 -0.33 -0.59	20.52 -0.31 -0.17	17.65 -0.28 0.00	18.86 -0.31 -0.01	18.72 -0.27 0.00	16.25 -0.15 0.00
CARTHAGE___PAPER 23857	15.22 0.39 0.00	17.92 0.54 0.00	17.64 0.52 0.00	16.32 0.47 0.00	14.95 0.46 0.00	16.01 0.60 0.00	20.17 0.85 0.00	22.78 0.85 0.00	21.52 0.72 0.00	22.78 0.58 0.00	20.85 0.40 0.00	21.59 0.35 0.00	22.25 0.31 0.00	22.61 0.13 -0.20	22.38 0.06 -0.37	25.10 -0.02 -0.54	33.72 0.41 -1.75	31.61 0.62 -1.43	26.11 0.64 -0.76	21.38 0.51 -0.22	18.42 0.49 0.00	19.70 0.53 -0.02	19.34 0.35 0.00	16.48 0.07 0.00

CASSADAGA_WT_PWR 323784	14.64 -0.19 0.00	17.09 -0.08 0.21	17.07 0.00 0.04	15.86 0.04 0.03	14.66 0.17 0.00	15.67 0.51 0.27	19.73 0.87 0.47	22.88 0.95 0.00	21.59 0.79 0.00	23.31 1.11 0.00	21.48 1.03 0.00	22.27 1.03 0.00	23.13 1.20 0.00	23.12 0.85 0.00	22.62 0.67 0.00	25.45 0.87 0.00	32.93 1.38 0.00	30.63 1.07 0.00	25.47 0.76 0.00	20.88 0.23 0.00	17.91 -0.01 0.00	19.21 0.06 0.00	18.90 -0.09 0.00	16.15 -0.26 0.00
CE_DUNWOOD___DRP 24194	15.47 0.64 0.00	17.99 0.60 0.00	17.71 0.59 0.00	16.41 0.56 0.00	14.98 0.49 0.00	15.87 0.45 0.00	19.92 0.59 0.00	22.73 0.80 0.00	21.69 0.89 0.00	23.17 0.97 0.00	21.36 0.91 0.00	22.26 1.02 0.00	23.14 1.20 0.00	23.59 1.32 0.00	23.32 1.38 0.00	26.11 1.54 0.00	33.37 1.81 0.00	31.32 1.76 0.00	26.16 1.46 0.00	21.92 1.26 0.00	19.00 1.08 0.00	20.27 1.11 0.00	20.07 1.08 0.00	17.27 0.86 0.00
CE_MILLWOOD___DRP 24193	15.45 0.62 0.00	17.96 0.58 0.00	17.68 0.57 0.00	16.39 0.54 0.00	14.96 0.47 0.00	15.85 0.43 0.00	19.88 0.56 0.00	22.69 0.76 0.00	21.65 0.85 0.00	23.13 0.92 0.00	21.31 0.86 0.00	22.22 0.98 0.00	23.08 1.15 0.00	23.54 1.27 0.00	23.28 1.33 0.00	26.06 1.48 0.00	33.31 1.75 0.00	31.26 1.70 0.00	26.11 1.41 0.00	21.88 1.22 0.00	18.97 1.05 0.00	20.24 1.08 0.00	20.04 1.05 0.00	17.25 0.84 0.00
CE_NYC2_DRP 24202	15.53 0.70 0.00	18.03 0.64 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.93 0.51 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.77 0.97 0.00	23.28 1.07 0.00	21.44 0.99 0.00	22.37 1.13 0.00	23.26 1.33 0.00	23.72 1.45 0.00	23.47 1.53 0.00	26.28 1.71 0.00	33.55 2.00 0.00	31.53 1.97 0.00	26.31 1.60 0.00	22.04 1.38 0.00	19.10 1.17 0.00	20.36 1.21 0.00	20.16 1.17 0.00	17.36 0.95 0.00
CE_NYC_DRP 24195	15.53 0.70 0.00	18.04 0.65 0.00	17.77 0.65 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.99 0.66 0.00	22.80 0.87 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.45 1.00 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.46 0.00	23.48 1.53 0.00	26.28 1.70 0.00	33.55 2.00 0.00	31.50 1.94 0.00	26.31 1.60 0.00	22.04 1.38 0.00	19.08 1.16 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.35 0.94 0.00
CHAFFEE___LFGE 323603	14.70 -0.13 0.00	17.04 -0.14 0.20	16.95 -0.13 0.04	15.67 -0.15 0.03	14.44 -0.05 0.00	15.44 0.28 0.25	19.38 0.50 0.45	22.25 0.32 0.00	20.78 -0.02 0.00	22.47 0.27 0.00	20.70 0.25 0.00	21.46 0.22 0.00	22.19 0.26 0.00	22.24 -0.03 0.00	21.74 -0.21 0.00	24.40 -0.18 0.00	31.51 -0.04 0.00	29.39 -0.17 0.00	24.39 -0.32 0.00	20.14 -0.52 0.00	17.40 -0.53 0.00	18.75 -0.41 0.00	18.75 -0.24 0.00	16.15 -0.26 0.00
CHATEAUG_35_KV_LOAD 355732	15.29 0.45 0.00	17.85 0.47 0.00	17.61 0.49 0.00	16.34 0.49 0.00	14.95 0.46 0.00	15.98 0.56 0.00	20.10 0.78 0.00	22.87 0.93 0.00	21.63 0.83 0.00	23.12 0.92 0.00	21.16 0.72 0.00	21.90 0.67 0.00	22.56 0.62 0.00	22.93 0.66 0.00	22.60 0.65 0.00	25.24 0.67 0.00	32.35 0.80 0.00	30.44 0.88 0.00	25.51 0.80 0.00	21.21 0.55 0.00	18.30 0.38 0.00	19.49 0.33 0.00	19.32 0.33 0.00	16.60 0.19 0.00
CHATEAUG_WT_PWR 323614	15.30 0.47 0.00	17.87 0.48 0.00	17.63 0.51 0.00	16.35 0.50 0.00	14.96 0.47 0.00	15.99 0.57 0.00	20.12 0.79 0.00	22.88 0.95 0.00	21.65 0.85 0.00	23.16 0.96 0.00	21.20 0.75 0.00	21.93 0.69 0.00	22.58 0.65 0.00	22.97 0.70 0.00	22.65 0.70 0.00	25.28 0.70 0.00	32.39 0.84 0.00	30.46 0.90 0.00	25.52 0.81 0.00	21.23 0.57 0.00	18.32 0.40 0.00	19.49 0.34 0.00	19.34 0.35 0.00	16.61 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	15.29 0.45 0.00	17.85 0.47 0.00	17.61 0.49 0.00	16.34 0.49 0.00	14.95 0.46 0.00	15.98 0.56 0.00	20.10 0.78 0.00	22.87 0.93 0.00	21.63 0.83 0.00	23.12 0.92 0.00	21.16 0.72 0.00	21.90 0.67 0.00	22.56 0.62 0.00	22.93 0.66 0.00	22.60 0.65 0.00	25.24 0.67 0.00	32.35 0.80 0.00	30.44 0.88 0.00	25.51 0.80 0.00	21.21 0.55 0.00	18.31 0.38 0.00	19.49 0.33 0.00	19.32 0.33 0.00	16.60 0.19 0.00
CHAUTAUQUA___LFGE 323629	14.68 -0.15 0.00	17.04 -0.14 0.20	16.99 -0.09 0.04	15.74 -0.08 0.03	14.52 0.04 0.00	15.51 0.35 0.26	19.51 0.63 0.45	22.58 0.65 0.00	21.29 0.49 0.00	22.98 0.77 0.00	21.18 0.73 0.00	21.96 0.72 0.00	22.83 0.90 0.00	22.85 0.57 0.00	22.37 0.42 0.00	25.14 0.57 0.00	32.55 0.99 0.00	30.28 0.72 0.00	25.17 0.46 0.00	20.68 0.02 0.00	17.80 -0.12 0.00	19.13 -0.02 0.00	18.99 0.00 0.00	16.27 -0.14 0.00
CHERRYST_13_KV_LD 356241	15.57 0.73 0.00	18.08 0.70 0.00	17.81 0.69 0.00	16.50 0.66 0.00	15.07 0.58 0.00	15.96 0.54 0.00	20.05 0.72 0.00	22.88 0.94 0.00	21.85 1.05 0.00	23.36 1.15 0.00	21.54 1.09 0.00	22.47 1.23 0.00	23.36 1.43 0.00	23.84 1.56 0.00	23.57 1.62 0.00	26.38 1.80 0.00	33.68 2.13 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.12 1.46 0.00	19.14 1.22 0.00	20.42 1.27 0.00	20.22 1.23 0.00	17.40 0.99 0.00
CHESTROR_138KV_BK263 355645	15.33 0.49 0.00	17.84 0.46 0.00	17.57 0.45 0.00	16.28 0.43 0.00	14.86 0.37 0.00	15.74 0.33 0.00	19.76 0.43 0.00	22.51 0.58 0.00	21.47 0.66 0.00	22.90 0.70 0.00	21.10 0.65 0.00	21.99 0.75 0.00	22.84 0.91 0.00	23.28 1.01 0.00	23.01 1.07 0.00	25.77 1.19 0.00	32.99 1.44 0.00	30.95 1.39 0.00	25.87 1.16 0.00	21.67 1.01 0.00	18.80 0.87 0.00	20.06 0.91 0.00	19.86 0.87 0.00	17.11 0.70 0.00
CH_MIDHUDSON___DRP 24192	15.47 0.63 0.00	18.01 0.62 0.00	17.74 0.62 0.00	16.43 0.58 0.00	15.00 0.51 0.00	15.89 0.47 0.00	19.94 0.61 0.00	22.76 0.82 0.00	21.69 0.89 0.00	23.14 0.94 0.00	21.31 0.86 0.00	22.20 0.96 0.00	23.05 1.12 0.00	23.50 1.23 0.00	23.24 1.29 0.00	26.02 1.44 0.00	33.27 1.71 0.00	31.23 1.67 0.00	26.11 1.40 0.00	21.89 1.23 0.00	19.01 1.08 0.00	20.27 1.11 0.00	20.06 1.07 0.00	17.26 0.85 0.00
CH_MISC_IPPS 23765	15.53 0.69 0.00	18.07 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.16 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.58 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
CH_RES_BVR_FALLS 23983	14.70 -0.14 0.00	17.29 -0.09 0.00	17.02 -0.10 0.00	15.76 -0.09 0.00	14.42 -0.07 0.00	15.39 -0.03 0.00	19.32 -0.01 0.00	21.96 0.03 0.00	20.81 0.01 0.00	22.20 0.00 0.00	20.43 -0.02 0.00	21.19 -0.04 0.00	21.89 -0.04 0.00	22.17 -0.11 0.00	21.77 -0.18 0.00	24.38 -0.19 0.00	31.38 -0.17 0.00	29.45 -0.11 0.00	24.63 -0.08 0.00	20.53 -0.13 0.00	17.78 -0.15 0.00	18.99 -0.16 0.00	18.79 -0.20 0.00	16.12 -0.29 0.00

CH_RES_NIAGARA 23895	14.39 -0.44 0.00	16.76 -0.46 0.16	16.63 -0.46 0.03	15.37 -0.46 0.03	14.18 -0.31 0.00	15.22 0.01 0.20	19.08 0.11 0.36	21.59 -0.34 0.00	19.98 -0.82 0.00	21.63 -0.57 0.00	19.94 -0.50 0.00	20.66 -0.58 0.00	21.32 -0.60 0.00	21.34 -0.93 0.00	20.85 -1.10 0.00	23.37 -1.21 0.00	30.15 -1.40 0.00	28.14 -1.42 0.00	23.34 -1.37 0.00	19.28 -1.38 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.13 -0.87 0.00	15.73 -0.67 0.00
CH_RES_SYRACUSE 23985	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.32 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.16 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
CLINTON_WT_PWR 323605	15.30 0.47 0.00	17.87 0.48 0.00	17.63 0.51 0.00	16.35 0.50 0.00	14.96 0.47 0.00	15.99 0.57 0.00	20.12 0.79 0.00	22.88 0.95 0.00	21.65 0.85 0.00	23.16 0.96 0.00	21.20 0.75 0.00	21.93 0.69 0.00	22.58 0.65 0.00	22.97 0.70 0.00	22.65 0.70 0.00	25.28 0.70 0.00	32.39 0.84 0.00	30.46 0.90 0.00	25.52 0.81 0.00	21.23 0.57 0.00	18.32 0.40 0.00	19.49 0.34 0.00	19.34 0.35 0.00	16.61 0.20 0.00
CLINTON___LFGE 323618	15.50 0.67 0.00	18.08 0.70 0.00	17.84 0.72 0.00	16.54 0.69 0.00	15.13 0.64 0.00	16.17 0.75 0.00	20.38 1.05 0.00	23.19 1.26 0.00	21.94 1.13 0.00	23.49 1.29 0.00	21.48 1.03 0.00	22.21 0.97 0.00	22.84 0.91 0.00	23.24 0.97 0.00	22.92 0.97 0.00	25.57 1.00 0.00	32.79 1.23 0.00	30.85 1.29 0.00	25.87 1.16 0.00	21.56 0.91 0.00	18.59 0.66 0.00	19.76 0.60 0.00	19.60 0.61 0.00	16.81 0.41 0.00
COBBLENY_34_KV_TB1 80064	14.70 -0.13 0.00	17.24 -0.14 0.00	16.99 -0.13 0.00	15.70 -0.15 0.00	14.44 -0.05 0.00	15.70 0.28 0.00	19.83 0.50 0.00	22.25 0.31 0.00	20.78 -0.02 0.00	22.48 0.27 0.00	20.70 0.25 0.00	21.46 0.22 0.00	22.20 0.26 0.00	22.24 -0.03 0.00	21.74 -0.21 0.00	24.39 -0.18 0.00	31.51 -0.04 0.00	29.38 -0.18 0.00	24.38 -0.33 0.00	20.13 -0.53 0.00	17.40 -0.53 0.00	18.75 -0.41 0.00	18.75 -0.25 0.00	16.13 -0.28 0.00
COFFEEN__115KV_TB3 355620	15.26 0.43 0.00	17.98 0.59 0.00	17.69 0.57 0.00	16.36 0.51 0.00	15.00 0.51 0.00	16.07 0.65 0.00	20.24 0.92 0.00	22.82 0.89 0.00	21.55 0.74 0.00	22.79 0.59 0.00	20.84 0.39 0.00	21.62 0.38 0.00	22.27 0.34 0.00	22.68 0.16 -0.24	22.44 0.04 -0.45	25.14 -0.09 -0.66	34.15 0.46 -2.14	32.12 0.82 -1.74	26.40 0.76 -0.92	21.54 0.61 -0.27	18.54 0.61 0.00	19.79 0.61 -0.02	19.39 0.39 0.00	16.51 0.10 0.00
COLDSPRG_115KV_BK1 355956	14.92 0.09 0.00	17.51 0.12 0.00	17.29 0.16 0.00	16.01 0.16 0.00	14.73 0.25 0.00	15.99 0.57 0.00	20.26 0.94 0.00	22.94 1.01 0.00	21.68 0.88 0.00	23.43 1.23 0.00	21.58 1.13 0.00	22.33 1.09 0.00	23.18 1.24 0.00	23.21 0.93 0.00	22.69 0.75 0.00	25.51 0.93 0.00	32.99 1.43 0.00	30.69 1.12 0.00	25.50 0.79 0.00	20.99 0.33 0.00	18.10 0.18 0.00	19.46 0.31 0.00	19.33 0.34 0.00	16.55 0.14 0.00
COLONIE_LFGE__ 323577	15.43 0.60 0.00	18.12 0.73 0.00	17.84 0.72 0.00	16.53 0.67 0.00	15.05 0.56 0.00	15.94 0.52 0.00	19.95 0.62 0.00	22.69 0.76 0.00	21.55 0.75 0.00	22.95 0.75 0.00	21.11 0.66 0.00	21.97 0.73 0.00	22.65 0.72 0.00	23.11 0.83 0.00	22.78 0.83 0.00	25.49 0.92 0.00	32.62 1.07 0.00	30.50 0.94 0.00	25.55 0.84 0.00	21.49 0.83 0.00	18.73 0.81 0.00	20.01 0.85 0.00	19.83 0.84 0.00	17.07 0.67 0.00
COOPERNY_115KV_TB1 80082	15.19 0.36 0.00	17.71 0.33 0.00	17.44 0.32 0.00	16.15 0.30 0.00	14.75 0.27 0.00	15.64 0.23 0.00	19.63 0.30 0.00	22.36 0.43 0.00	21.28 0.48 0.00	22.72 0.52 0.00	20.92 0.48 0.00	21.79 0.55 0.00	22.60 0.67 0.00	23.02 0.74 0.00	22.73 0.78 0.00	25.45 0.88 0.00	32.62 1.06 0.00	30.58 1.02 0.00	25.57 0.86 0.00	21.40 0.74 0.00	18.57 0.64 0.00	19.82 0.66 0.00	19.63 0.64 0.00	16.92 0.51 0.00
COPENHAGEN_WT_PWR 323753	15.08 0.25 0.00	17.80 0.41 0.00	17.52 0.40 0.00	16.20 0.35 0.00	14.84 0.36 0.00	15.89 0.47 0.00	20.01 0.68 0.00	22.59 0.65 0.00	21.34 0.54 0.00	22.61 0.40 0.00	20.70 0.25 0.00	21.46 0.22 0.00	22.11 0.18 0.00	22.56 0.02 -0.26	22.35 -0.07 -0.48	25.00 -0.27 -0.69	33.84 0.04 -2.24	31.73 0.34 -1.83	26.06 0.39 -0.97	21.23 0.28 -0.28	18.24 0.31 0.00	19.47 0.30 -0.02	19.07 0.08 0.00	16.23 -0.18 0.00
CORNELL____ 23752	15.06 0.23 0.00	17.61 0.22 0.00	17.33 0.21 0.00	16.04 0.19 0.00	14.68 0.20 0.00	15.68 0.25 0.00	19.72 0.39 0.00	22.30 0.36 0.00	21.11 0.31 0.00	22.50 0.30 0.00	20.68 0.23 0.00	21.43 0.19 0.00	22.15 0.22 0.00	22.64 0.21 -0.16	22.40 0.15 -0.30	25.23 0.22 -0.43	33.38 0.43 -1.41	31.16 0.45 -1.15	25.76 0.44 -0.61	21.20 0.37 -0.18	18.23 0.31 0.00	19.50 0.33 -0.01	19.32 0.33 0.00	16.65 0.25 0.00
CORONAAY_69_KV_TB1 355595	15.70 0.86 0.00	18.20 0.82 0.00	17.91 0.79 0.00	16.60 0.75 0.00	15.16 0.67 0.00	16.07 0.65 0.00	20.10 0.77 0.00	22.94 1.01 0.00	21.91 1.11 0.00	23.41 1.20 0.00	21.66 1.21 0.00	22.52 1.28 0.00	23.42 1.49 0.00	59.19 1.53 -35.39	35.21 1.78 -11.48	33.70 1.98 -7.15	33.83 2.26 -0.01	53.98 2.25 -22.17	49.78 1.90 -23.18	100.10 1.62 -77.82	89.98 1.38 -70.68	55.01 1.50 -34.35	38.16 1.49 -17.68	45.96 1.21 -28.34
CORTLAND_115KV_TB3 80093	14.97 0.13 0.00	17.50 0.12 0.00	17.23 0.11 0.00	15.95 0.10 0.00	14.59 0.11 0.00	15.57 0.15 0.00	19.57 0.24 0.00	22.14 0.21 0.00	20.98 0.18 0.00	22.40 0.19 0.00	20.62 0.16 0.00	21.38 0.14 0.00	22.10 0.16 0.00	22.58 0.14 -0.16	22.36 0.10 -0.31	25.18 0.15 -0.45	33.31 0.30 -1.45	31.04 0.29 -1.18	25.61 0.28 -0.63	21.05 0.21 -0.18	18.11 0.18 0.00	19.36 0.19 -0.01	19.18 0.19 0.00	16.56 0.15 0.00
COXSACKIE___GT 23611	15.74 0.91 0.00	18.46 1.08 0.00	18.18 1.06 0.00	16.84 0.99 0.00	15.37 0.89 0.00	16.27 0.86 0.00	20.34 1.01 0.00	23.09 1.16 0.00	21.75 0.95 0.00	23.16 0.96 0.00	21.07 0.62 0.00	21.88 0.64 0.00	22.61 0.68 0.00	23.15 0.87 0.00	22.73 0.78 0.00	25.57 0.99 0.00	33.03 1.48 0.00	30.96 1.40 0.00	25.98 1.28 0.00	21.97 1.31 0.00	19.18 1.25 0.00	20.47 1.31 0.00	20.20 1.20 0.00	17.35 0.94 0.00
CPV_VALLEY___CC1 323721	15.23 0.39 0.00	17.73 0.34 0.00	17.46 0.34 0.00	16.18 0.32 0.00	14.77 0.28 0.00	15.65 0.23 0.00	19.62 0.30 0.00	22.36 0.43 0.00	21.31 0.51 0.00	22.76 0.55 0.00	20.96 0.51 0.00	21.84 0.61 0.00	22.68 0.74 0.00	23.11 0.83 0.00	22.84 0.89 0.00	25.57 1.00 0.00	32.73 1.18 0.00	30.70 1.14 0.00	25.66 0.96 0.00	21.49 0.83 0.00	18.64 0.72 0.00	19.89 0.74 0.00	19.70 0.71 0.00	16.98 0.57 0.00

CPV_VALLEY___CC2 323722	15.23 0.39 0.00	17.73 0.34 0.00	17.46 0.34 0.00	16.18 0.32 0.00	14.77 0.28 0.00	15.65 0.23 0.00	19.62 0.30 0.00	22.36 0.43 0.00	21.31 0.51 0.00	22.76 0.55 0.00	20.96 0.51 0.00	21.84 0.61 0.00	22.68 0.74 0.00	23.11 0.83 0.00	22.84 0.89 0.00	25.57 1.00 0.00	32.73 1.18 0.00	30.70 1.14 0.00	25.66 0.96 0.00	21.49 0.83 0.00	18.64 0.72 0.00	19.89 0.74 0.00	19.70 0.71 0.00	16.98 0.57 0.00
CRESCENT___HYD 24018	15.43 0.60 0.00	18.12 0.73 0.00	17.84 0.72 0.00	16.53 0.67 0.00	15.05 0.56 0.00	15.94 0.52 0.00	19.95 0.62 0.00	22.69 0.76 0.00	21.55 0.75 0.00	22.95 0.75 0.00	21.11 0.66 0.00	21.97 0.73 0.00	22.65 0.72 0.00	23.11 0.83 0.00	22.78 0.83 0.00	25.49 0.92 0.00	32.62 1.07 0.00	30.50 0.94 0.00	25.55 0.84 0.00	21.49 0.83 0.00	18.73 0.81 0.00	20.01 0.85 0.00	19.83 0.84 0.00	17.07 0.67 0.00
CRICKET___VALLEY_CC1 323756	15.35 0.51 0.00	17.89 0.50 0.00	17.63 0.51 0.00	16.33 0.48 0.00	14.90 0.41 0.00	15.78 0.36 0.00	19.78 0.45 0.00	22.57 0.64 0.00	21.50 0.70 0.00	22.91 0.71 0.00	21.08 0.64 0.00	21.96 0.72 0.00	22.77 0.84 0.00	23.23 0.96 0.00	22.97 1.02 0.00	25.68 1.10 0.00	32.79 1.24 0.00	30.74 1.18 0.00	25.70 0.99 0.00	21.58 0.93 0.00	18.80 0.87 0.00	20.05 0.89 0.00	19.85 0.86 0.00	17.10 0.69 0.00
CRICKET___VALLEY_CC2 323757	15.35 0.51 0.00	17.89 0.50 0.00	17.63 0.51 0.00	16.33 0.48 0.00	14.90 0.41 0.00	15.78 0.36 0.00	19.78 0.45 0.00	22.57 0.64 0.00	21.50 0.70 0.00	22.91 0.71 0.00	21.08 0.64 0.00	21.96 0.72 0.00	22.77 0.84 0.00	23.23 0.96 0.00	22.97 1.02 0.00	25.68 1.10 0.00	32.79 1.24 0.00	30.74 1.18 0.00	25.70 0.99 0.00	21.58 0.93 0.00	18.80 0.87 0.00	20.05 0.89 0.00	19.85 0.86 0.00	17.10 0.69 0.00
CRICKET___VALLEY_CC3 323758	15.35 0.51 0.00	17.89 0.50 0.00	17.63 0.51 0.00	16.33 0.48 0.00	14.90 0.41 0.00	15.78 0.36 0.00	19.78 0.45 0.00	22.57 0.64 0.00	21.50 0.70 0.00	22.91 0.71 0.00	21.08 0.64 0.00	21.96 0.72 0.00	22.77 0.84 0.00	23.23 0.96 0.00	22.97 1.02 0.00	25.68 1.10 0.00	32.79 1.24 0.00	30.74 1.18 0.00	25.70 0.99 0.00	21.58 0.93 0.00	18.80 0.87 0.00	20.05 0.89 0.00	19.85 0.86 0.00	17.10 0.69 0.00
CRUCIBLE_METL_DRP 24180	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
DAHOWA___HYDRO 323763	15.76 0.93 0.00	18.47 1.08 0.00	18.19 1.07 0.00	16.85 1.00 0.00	15.37 0.88 0.00	16.33 0.92 0.00	20.52 1.19 0.00	23.30 1.37 0.00	22.01 1.21 0.00	23.46 1.26 0.00	21.55 1.10 0.00	22.41 1.17 0.00	23.05 1.12 0.00	23.41 1.14 0.00	23.09 1.14 0.00	25.88 1.30 0.00	33.25 1.69 0.00	31.24 1.68 0.00	26.28 1.58 0.00	22.10 1.44 0.00	19.30 1.37 0.00	20.60 1.45 0.00	20.40 1.41 0.00	17.49 1.08 0.00
DANC___LFGE 323619	14.89 0.06 0.00	17.52 0.14 0.00	17.25 0.13 0.00	15.96 0.11 0.00	14.61 0.13 0.00	15.62 0.20 0.00	19.63 0.31 0.00	22.16 0.23 0.00	20.95 0.15 0.00	22.26 0.05 0.00	20.42 -0.02 0.00	21.18 -0.06 0.00	21.82 -0.11 0.00	22.37 -0.23 -0.32	22.24 -0.30 -0.59	24.99 -0.44 -0.86	34.09 -0.27 -2.81	31.80 -0.05 -2.29	25.93 0.02 -1.21	20.99 -0.02 -0.36	17.95 0.02 0.00	19.18 0.00 -0.03	18.86 -0.13 0.00	16.17 -0.24 0.00
DANSKAMMER___1 23586	15.53 0.69 0.00	18.07 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.16 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.58 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
DANSKAMMER___2 23589	15.53 0.69 0.00	18.07 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.16 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.58 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
DANSKAMMER___3 23590	15.53 0.69 0.00	18.07 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.16 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.58 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
DANSKAMMER___4 23591	15.53 0.69 0.00	18.07 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.16 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.58 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
DANSKAMMER___DIESEL 23592	15.53 0.69 0.00	18.07 0.69 0.00	17.79 0.68 0.00	16.49 0.63 0.00	15.05 0.56 0.00	15.95 0.54 0.00	20.03 0.70 0.00	22.85 0.92 0.00	21.78 0.98 0.00	23.24 1.03 0.00	21.39 0.94 0.00	22.30 1.06 0.00	23.17 1.23 0.00	23.62 1.34 0.00	23.35 1.40 0.00	26.16 1.58 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.28 1.57 0.00	22.02 1.36 0.00	19.12 1.19 0.00	20.38 1.22 0.00	20.16 1.17 0.00	17.34 0.93 0.00
DARBY___SOLAR 323810	15.70 0.86 0.00	18.39 1.01 0.00	18.11 0.99 0.00	16.78 0.93 0.00	15.30 0.82 0.00	16.26 0.84 0.00	20.41 1.09 0.00	23.18 1.24 0.00	21.93 1.13 0.00	23.37 1.16 0.00	21.46 1.01 0.00	22.31 1.07 0.00	22.96 1.03 0.00	23.36 1.08 0.00	23.04 1.10 0.00	25.81 1.23 0.00	33.13 1.58 0.00	31.11 1.55 0.00	26.15 1.44 0.00	21.98 1.33 0.00	19.18 1.26 0.00	20.48 1.33 0.00	20.28 1.29 0.00	17.41 1.00 0.00
DASHVILLE___HYD 23610	15.29 0.46 0.00	17.80 0.41 0.00	17.53 0.40 0.00	16.24 0.39 0.00	14.82 0.34 0.00	15.70 0.28 0.00	19.70 0.37 0.00	22.48 0.55 0.00	21.45 0.65 0.00	22.90 0.69 0.00	21.10 0.64 0.00	21.99 0.75 0.00	22.85 0.92 0.00	23.31 1.03 0.00	23.08 1.13 0.00	25.82 1.24 0.00	33.00 1.45 0.00	30.96 1.40 0.00	25.88 1.17 0.00	21.68 1.02 0.00	18.81 0.88 0.00	20.04 0.89 0.00	19.85 0.86 0.00	17.08 0.67 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	16.25 1.42 0.00	18.85 1.46 0.00	18.55 1.44 0.00	17.20 1.35 0.00	15.72 1.24 0.00	16.72 1.30 0.00	20.99 1.67 0.00	23.93 2.00 0.00	22.84 2.04 0.00	24.37 2.17 0.00	22.53 2.08 0.00	23.29 2.05 0.00	24.20 2.27 0.00	59.47 1.80 -35.39	35.60 2.17 -11.48	34.17 2.45 -7.15	34.24 2.67 -0.01	54.49 2.76 -22.17	50.28 2.40 -23.18	100.48 2.00 -77.82	90.12 1.52 -70.68	55.42 1.91 -34.35	38.46 1.79 -17.68	46.32 1.58 -28.34
DELAWARE___LFGE 323621	15.22 0.38 0.00	17.81 0.42 0.00	17.53 0.41 0.00	16.23 0.38 0.00	14.84 0.35 0.00	15.75 0.33 0.00	19.79 0.46 0.00	22.47 0.53 0.00	21.33 0.54 0.00	22.78 0.58 0.00	20.97 0.53 0.00	21.80 0.55 0.00	22.56 0.63 0.00	22.98 0.64 -0.06	22.70 0.64 -0.11	25.47 0.73 -0.16	33.00 0.92 -0.53	30.86 0.86 -0.43	25.67 0.74 -0.23	21.36 0.63 -0.07	18.47 0.54 0.00	19.74 0.57 0.00	19.56 0.56 0.00	16.86 0.45 0.00
DERFIELD_115KV_TB7 355931	14.85 0.02 0.00	17.40 0.02 0.00	17.13 0.02 0.00	15.87 0.02 0.00	14.50 0.01 0.00	15.42 0.00 0.00	19.33 0.00 0.00	21.92 -0.01 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.44 -0.01 0.00	21.22 -0.01 0.00	21.92 -0.02 0.00	22.27 -0.01 0.00	21.95 0.00 0.00	24.58 0.00 0.00	31.55 0.00 0.00	29.56 0.00 0.00	24.71 0.00 0.00	20.68 0.02 0.00	17.96 0.04 0.00	19.17 0.02 0.00	19.01 0.02 0.00	16.42 0.02 0.00
DOGLEVILLE___HYD 23807	14.75 -0.08 0.00	17.33 -0.06 0.00	17.06 -0.06 0.00	15.80 -0.05 0.00	14.35 -0.14 0.00	15.17 -0.25 0.00	19.00 -0.33 0.00	21.64 -0.29 0.00	20.56 -0.25 0.00	21.85 -0.36 0.00	20.03 -0.42 0.00	20.79 -0.45 0.00	21.45 -0.48 0.00	21.85 -0.42 0.00	21.64 -0.31 0.00	24.21 -0.37 0.00	31.00 -0.55 0.00	29.24 -0.32 0.00	24.55 -0.15 0.00	20.73 0.07 0.00	18.12 0.19 0.00	19.28 0.12 0.00	19.07 0.08 0.00	16.39 -0.02 0.00
DUNKIRK___115KV_TB_200 55889	14.69 -0.15 0.00	17.24 -0.15 0.00	17.01 -0.11 0.00	15.74 -0.11 0.00	14.49 0.01 0.00	15.73 0.32 0.00	19.91 0.58 0.00	22.54 0.60 0.00	21.23 0.43 0.00	22.93 0.72 0.00	21.12 0.67 0.00	21.90 0.66 0.00	22.77 0.84 0.00	22.80 0.53 0.00	22.32 0.38 0.00	25.10 0.52 0.00	32.48 0.92 0.00	30.21 0.65 0.00	25.12 0.42 0.00	20.65 -0.01 0.00	17.79 -0.14 0.00	19.12 -0.04 0.00	19.00 0.01 0.00	16.28 -0.13 0.00
DUNKIRK___1 23563	14.69 -0.15 0.00	17.24 -0.15 0.00	17.01 -0.11 0.00	15.74 -0.11 0.00	14.49 0.01 0.00	15.73 0.32 0.00	19.91 0.58 0.00	22.54 0.60 0.00	21.23 0.43 0.00	22.93 0.72 0.00	21.12 0.67 0.00	21.90 0.66 0.00	22.77 0.84 0.00	22.80 0.53 0.00	22.32 0.38 0.00	25.10 0.52 0.00	32.48 0.92 0.00	30.21 0.65 0.00	25.12 0.42 0.00	20.65 -0.01 0.00	17.79 -0.14 0.00	19.12 -0.04 0.00	19.00 0.01 0.00	16.28 -0.13 0.00
DUNKIRK___2 23564	14.69 -0.15 0.00	17.24 -0.15 0.00	17.01 -0.11 0.00	15.74 -0.11 0.00	14.49 0.01 0.00	15.73 0.32 0.00	19.91 0.58 0.00	22.54 0.60 0.00	21.23 0.43 0.00	22.93 0.72 0.00	21.12 0.67 0.00	21.90 0.66 0.00	22.77 0.84 0.00	22.80 0.53 0.00	22.32 0.38 0.00	25.10 0.52 0.00	32.48 0.92 0.00	30.21 0.65 0.00	25.12 0.42 0.00	20.65 -0.01 0.00	17.79 -0.14 0.00	19.12 -0.04 0.00	19.00 0.01 0.00	16.28 -0.13 0.00
DUNKIRK___3 23565	14.67 -0.16 0.00	17.20 -0.19 0.00	16.96 -0.16 0.00	15.69 -0.16 0.00	14.43 -0.05 0.00	15.66 0.25 0.00	19.81 0.48 0.00	22.38 0.45 0.00	21.07 0.27 0.00	22.76 0.56 0.00	20.96 0.51 0.00	21.73 0.49 0.00	22.58 0.64 0.00	22.62 0.34 0.00	22.14 0.19 0.00	24.87 0.30 0.00	32.18 0.62 0.00	29.95 0.39 0.00	24.89 0.19 0.00	20.49 -0.17 0.00	17.66 -0.26 0.00	19.00 -0.16 0.00	18.93 -0.06 0.00	16.25 -0.16 0.00
DUNKIRK___4 23566	14.67 -0.16 0.00	17.20 -0.19 0.00	16.96 -0.16 0.00	15.69 -0.16 0.00	14.43 -0.05 0.00	15.66 0.25 0.00	19.81 0.48 0.00	22.38 0.45 0.00	21.07 0.27 0.00	22.76 0.56 0.00	20.96 0.51 0.00	21.73 0.49 0.00	22.58 0.64 0.00	22.62 0.34 0.00	22.14 0.19 0.00	24.87 0.30 0.00	32.18 0.62 0.00	29.95 0.39 0.00	24.89 0.19 0.00	20.49 -0.17 0.00	17.66 -0.26 0.00	19.00 -0.16 0.00	18.93 -0.06 0.00	16.25 -0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.50 0.67 0.00	18.02 0.63 0.00	17.75 0.63 0.00	16.44 0.60 0.00	15.01 0.53 0.00	15.90 0.48 0.00	19.96 0.63 0.00	22.77 0.84 0.00	21.73 0.93 0.00	23.22 1.01 0.00	21.40 0.95 0.00	22.31 1.07 0.00	23.19 1.26 0.00	23.65 1.37 0.00	23.38 1.44 0.00	26.17 1.60 0.00	33.44 1.88 0.00	31.38 1.82 0.00	26.23 1.52 0.00	21.97 1.31 0.00	19.05 1.12 0.00	20.31 1.15 0.00	20.11 1.12 0.00	17.30 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.41 0.57 0.00	17.92 0.54 0.00	17.65 0.53 0.00	16.35 0.50 0.00	14.93 0.44 0.00	15.82 0.40 0.00	19.85 0.53 0.00	22.64 0.71 0.00	21.58 0.78 0.00	23.03 0.83 0.00	21.21 0.76 0.00	22.11 0.87 0.00	22.97 1.04 0.00	23.41 1.14 0.00	23.14 1.20 0.00	25.93 1.35 0.00	33.18 1.63 0.00	31.17 1.60 0.00	26.05 1.35 0.00	21.82 1.16 0.00	18.94 1.01 0.00	20.19 1.04 0.00	19.99 1.00 0.00	17.20 0.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	15.53 0.69 0.00	18.04 0.65 0.00	17.81 0.69 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.95 0.53 0.00	19.99 0.66 0.00	22.79 0.86 0.00	21.74 0.94 0.00	23.25 1.05 0.00	21.38 0.94 0.00	22.33 1.09 0.00	23.21 1.28 0.00	23.67 1.40 0.00	23.42 1.48 0.00	26.23 1.66 0.00	33.47 1.92 0.00	31.46 1.90 0.00	26.24 1.53 0.00	21.99 1.34 0.00	19.07 1.15 0.00	20.35 1.19 0.00	20.18 1.18 0.00	17.35 0.95 0.00
E179THST_13_KV_LOAD 356214	15.59 0.75 0.00	18.10 0.72 0.00	17.87 0.75 0.00	16.55 0.70 0.00	15.09 0.60 0.00	16.01 0.59 0.00	20.07 0.74 0.00	22.89 0.96 0.00	21.84 1.04 0.00	23.36 1.16 0.00	21.48 1.04 0.00	22.44 1.20 0.00	23.32 1.39 0.00	23.79 1.51 0.00	23.53 1.59 0.00	26.36 1.79 0.00	33.64 2.08 0.00	31.62 2.06 0.00	26.37 1.66 0.00	22.10 1.45 0.00	19.17 1.24 0.00	20.44 1.29 0.00	20.27 1.28 0.00	17.43 1.02 0.00
EAST HAMPTON___GT 23717	16.44 1.61 0.00	19.08 1.69 0.00	18.79 1.67 0.00	17.42 1.57 0.00	15.93 1.44 0.00	16.95 1.53 0.00	21.30 1.97 0.00	24.28 2.35 0.00	23.14 2.34 0.00	24.72 2.52 0.00	22.84 2.39 0.00	23.60 2.36 0.00	24.54 2.61 0.00	59.79 2.13 -35.39	35.93 2.50 -11.48	34.53 2.81 -7.15	34.72 3.15 -0.01	54.94 3.21 -22.17	50.67 2.79 -23.18	100.76 2.28 -77.82	90.18 1.58 -70.68	55.68 2.17 -34.35	38.67 2.00 -17.68	46.49 1.74 -28.34
EAST RIVER___6 23660	15.56 0.73 0.00	18.07 0.69 0.00	17.81 0.69 0.00	16.50 0.66 0.00	15.06 0.57 0.00	15.94 0.52 0.00	20.01 0.68 0.00	22.80 0.87 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.40 1.16 0.00	23.29 1.36 0.00	23.76 1.48 0.00	23.49 1.55 0.00	26.28 1.71 0.00	33.56 2.01 0.00	31.53 1.97 0.00	26.32 1.62 0.00	22.08 1.42 0.00	19.11 1.19 0.00	20.40 1.25 0.00	20.20 1.21 0.00	17.40 0.99 0.00

EAST RIVER___7 23524	15.56 0.73 0.00	18.07 0.69 0.00	17.81 0.69 0.00	16.50 0.66 0.00	15.06 0.57 0.00	15.94 0.52 0.00	20.01 0.68 0.00	22.80 0.87 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.40 1.16 0.00	23.29 1.36 0.00	23.76 1.48 0.00	23.49 1.55 0.00	26.28 1.71 0.00	33.56 2.01 0.00	31.53 1.97 0.00	26.32 1.62 0.00	22.08 1.42 0.00	19.11 1.19 0.00	20.40 1.25 0.00	20.20 1.21 0.00	17.40 0.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.47 0.64 0.00	17.99 0.60 0.00	17.71 0.59 0.00	16.41 0.56 0.00	14.98 0.49 0.00	15.87 0.45 0.00	19.92 0.59 0.00	22.73 0.80 0.00	21.69 0.89 0.00	23.17 0.97 0.00	21.36 0.91 0.00	22.26 1.02 0.00	23.14 1.20 0.00	23.59 1.32 0.00	23.32 1.38 0.00	26.11 1.54 0.00	33.37 1.81 0.00	31.32 1.76 0.00	26.16 1.46 0.00	21.92 1.26 0.00	19.00 1.08 0.00	20.27 1.11 0.00	20.07 1.08 0.00	17.27 0.86 0.00
EAST_HAMPTON___DIESEL 23722	16.45 1.61 0.00	19.09 1.70 0.00	18.80 1.68 0.00	17.43 1.58 0.00	15.93 1.45 0.00	16.96 1.54 0.00	21.31 1.98 0.00	24.30 2.36 0.00	23.16 2.35 0.00	24.73 2.53 0.00	22.85 2.40 0.00	23.62 2.38 0.00	24.55 2.61 0.00	59.81 2.14 -35.39	35.94 2.51 -11.48	34.55 2.83 -7.15	34.73 3.17 -0.01	54.96 3.23 -22.17	50.68 2.80 -23.18	100.77 2.29 -77.82	90.19 1.59 -70.68	55.67 2.16 -34.35	38.68 2.01 -17.68	46.49 1.74 -28.34
EAST_PULASKI___ESR 323781	14.73 -0.10 0.00	17.28 -0.10 0.00	17.01 -0.11 0.00	15.74 -0.11 0.00	14.41 -0.08 0.00	15.37 -0.05 0.00	19.29 -0.04 0.00	21.78 -0.15 0.00	20.62 -0.18 0.00	21.96 -0.24 0.00	20.20 -0.25 0.00	20.95 -0.29 0.00	21.58 -0.35 0.00	22.31 -0.42 -0.46	22.33 -0.46 -0.85	25.25 -0.55 -1.23	35.03 -0.53 -4.01	32.43 -0.40 -3.27	26.13 -0.31 -1.73	20.88 -0.29 -0.51	17.70 -0.23 -0.01	18.93 -0.26 -0.04	18.68 -0.31 0.00	16.14 -0.27 0.00
EAST_RIVER___1 323558	15.53 0.70 0.00	18.04 0.65 0.00	17.77 0.65 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.99 0.66 0.00	22.80 0.87 0.00	21.77 0.97 0.00	23.27 1.07 0.00	21.45 1.00 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.46 0.00	23.48 1.53 0.00	26.28 1.70 0.00	33.55 2.00 0.00	31.50 1.94 0.00	26.31 1.60 0.00	22.04 1.38 0.00	19.08 1.16 0.00	20.36 1.21 0.00	20.16 1.17 0.00	17.35 0.94 0.00
EAST_RIVER___2 323559	15.56 0.73 0.00	18.07 0.69 0.00	17.81 0.69 0.00	16.50 0.66 0.00	15.06 0.57 0.00	15.94 0.52 0.00	20.01 0.68 0.00	22.80 0.87 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.40 1.16 0.00	23.29 1.36 0.00	23.76 1.48 0.00	23.49 1.55 0.00	26.28 1.71 0.00	33.56 2.01 0.00	31.53 1.97 0.00	26.32 1.62 0.00	22.08 1.42 0.00	19.11 1.19 0.00	20.40 1.25 0.00	20.20 1.21 0.00	17.40 0.99 0.00
EAST___DELAWARE_HYD 23607	15.00 0.16 0.00	17.45 0.07 0.00	17.17 0.05 0.00	15.90 0.05 0.00	14.53 0.05 0.00	15.41 -0.01 0.00	19.37 0.04 0.00	22.11 0.17 0.00	21.02 0.22 0.00	22.37 0.17 0.00	20.56 0.11 0.00	21.44 0.20 0.00	22.30 0.37 0.00	22.76 0.48 0.00	22.50 0.56 0.00	25.26 0.68 0.00	32.37 0.82 0.00	30.40 0.84 0.00	25.46 0.75 0.00	21.36 0.70 0.00	18.54 0.62 0.00	19.76 0.60 0.00	19.52 0.53 0.00	16.78 0.37 0.00
EIGHT_POINT___WT_PWR 323820	14.82 -0.01 0.00	17.35 -0.04 0.00	17.15 0.03 0.00	15.79 -0.06 0.00	14.50 0.01 0.00	15.50 0.08 0.00	19.56 0.24 0.00	22.18 0.25 0.00	21.02 0.22 0.00	22.66 0.46 0.00	20.73 0.29 0.00	21.52 0.28 0.00	22.31 0.38 0.00	22.49 0.15 -0.06	22.09 0.03 -0.11	24.92 0.17 -0.17	32.47 0.37 -0.55	30.14 0.13 -0.45	25.06 0.11 -0.24	20.61 -0.11 -0.07	17.61 -0.32 0.00	18.99 -0.17 0.00	18.95 -0.04 0.00	16.06 -0.35 0.00
ELBRIDGE_115KV_TB2 80188	14.75 -0.08 0.00	17.25 -0.13 0.00	16.98 -0.14 0.00	15.71 -0.14 0.00	14.38 -0.11 0.00	15.34 -0.08 0.00	19.25 -0.08 0.00	21.77 -0.16 0.00	20.62 -0.18 0.00	22.03 -0.17 0.00	20.29 -0.16 0.00	21.05 -0.19 0.00	21.71 -0.22 0.00	22.32 -0.27 -0.31	22.24 -0.28 -0.57	25.10 -0.31 -0.84	33.96 -0.31 -2.72	31.48 -0.30 -2.22	25.64 -0.25 -1.17	20.76 -0.24 -0.34	17.71 -0.22 0.00	18.95 -0.24 -0.03	18.77 -0.22 0.00	16.26 -0.14 0.00
ELEC_TRO_TEK 24086	15.61 0.78 0.00	18.11 0.72 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.08 0.59 0.00	15.99 0.58 0.00	20.02 0.69 0.00	22.84 0.91 0.00	21.81 1.01 0.00	23.30 1.09 0.00	21.56 1.11 0.00	22.40 1.16 0.00	23.30 1.37 0.00	59.06 1.39 -35.39	35.07 1.64 -11.48	33.55 1.82 -7.15	33.70 2.13 -0.01	53.84 2.11 -22.17	49.66 1.78 -23.18	100.01 1.53 -77.82	89.90 1.30 -70.68	54.89 1.38 -34.35	38.03 1.36 -17.68	45.86 1.11 -28.34
ELLENBURG_WT_PWR 323604	15.30 0.47 0.00	17.87 0.48 0.00	17.63 0.51 0.00	16.35 0.50 0.00	14.96 0.47 0.00	15.99 0.57 0.00	20.12 0.79 0.00	22.88 0.95 0.00	21.65 0.85 0.00	23.16 0.96 0.00	21.20 0.75 0.00	21.93 0.69 0.00	22.58 0.65 0.00	22.97 0.70 0.00	22.65 0.70 0.00	25.28 0.70 0.00	32.39 0.84 0.00	30.46 0.90 0.00	25.52 0.81 0.00	21.23 0.57 0.00	18.32 0.40 0.00	19.49 0.34 0.00	19.34 0.35 0.00	16.61 0.20 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.61 -0.22 0.00	17.15 -0.23 0.00	16.90 -0.22 0.00	15.61 -0.24 0.00	14.37 -0.12 0.00	15.62 0.20 0.00	19.71 0.38 0.00	22.03 0.10 0.00	20.60 -0.20 0.00	22.31 0.10 0.00	20.54 0.09 0.00	21.28 0.05 0.00	22.02 0.09 0.00	22.06 -0.21 0.00	21.56 -0.39 0.00	24.18 -0.40 0.00	31.24 -0.32 0.00	29.13 -0.43 0.00	24.17 -0.54 0.00	19.94 -0.71 0.00	17.21 -0.72 0.00	18.59 -0.57 0.00	18.61 -0.38 0.00	16.07 -0.34 0.00
EMPIRE_CC_1 323656	15.22 0.39 0.00	17.87 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.84 0.35 0.00	15.70 0.28 0.00	19.57 0.24 0.00	22.24 0.31 0.00	21.15 0.35 0.00	22.53 0.33 0.00	20.72 0.27 0.00	21.57 0.33 0.00	22.26 0.33 0.00	22.74 0.46 0.00	22.41 0.47 0.00	25.08 0.50 0.00	32.03 0.47 0.00	29.91 0.35 0.00	25.03 0.33 0.00	21.11 0.46 0.00	18.43 0.50 0.00	19.64 0.48 0.00	19.50 0.51 0.00	16.82 0.42 0.00
EMPIRE_CC_2 323658	15.22 0.39 0.00	17.87 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.84 0.35 0.00	15.70 0.28 0.00	19.57 0.24 0.00	22.24 0.31 0.00	21.15 0.35 0.00	22.53 0.33 0.00	20.72 0.27 0.00	21.57 0.33 0.00	22.26 0.33 0.00	22.74 0.46 0.00	22.41 0.47 0.00	25.08 0.50 0.00	32.03 0.47 0.00	29.91 0.35 0.00	25.03 0.33 0.00	21.11 0.46 0.00	18.43 0.50 0.00	19.64 0.48 0.00	19.50 0.51 0.00	16.82 0.42 0.00
ENORWICH_115KV_TB1 80156	15.67 0.83 0.00	18.36 0.98 0.00	18.09 0.97 0.00	16.72 0.87 0.00	15.31 0.83 0.00	16.39 0.97 0.00	20.66 1.33 0.00	23.31 1.38 0.00	21.94 1.14 0.00	23.30 1.10 0.00	21.37 0.92 0.00	22.04 0.81 0.00	22.81 0.88 0.00	23.28 0.88 -0.12	22.91 0.73 -0.23	25.76 0.86 -0.33	33.92 1.30 -1.07	31.94 1.50 -0.87	26.58 1.41 -0.46	22.12 1.32 -0.14	19.12 1.19 0.00	20.43 1.26 -0.01	20.23 1.24 0.00	17.35 0.94 0.00

ERIE_ST__34_KV_TB1-2 80199	14.74 -0.10 0.00	17.28 -0.11 0.00	17.01 -0.11 0.00	15.72 -0.13 0.00	14.46 -0.03 0.00	15.71 0.29 0.00	19.84 0.51 0.00	22.23 0.30 0.00	20.86 0.06 0.00	22.56 0.35 0.00	20.79 0.34 0.00	21.54 0.30 0.00	22.30 0.37 0.00	22.32 0.04 0.00	21.81 -0.13 0.00	24.48 -0.10 0.00	31.62 0.06 0.00	29.49 -0.07 0.00	24.46 -0.24 0.00	20.20 -0.46 0.00	17.47 -0.46 0.00	18.85 -0.31 0.00	18.86 -0.13 0.00	16.25 -0.15 0.00
ERIE_WT_PWR 323693	14.68 -0.15 0.00	17.05 -0.15 0.18	16.94 -0.15 0.04	15.66 -0.17 0.03	14.43 -0.06 0.00	15.45 0.26 0.23	19.39 0.47 0.40	22.16 0.23 0.00	20.74 -0.06 0.00	22.43 0.23 0.00	20.67 0.22 0.00	21.41 0.17 0.00	22.15 0.22 0.00	22.19 -0.08 0.00	21.69 -0.25 0.00	24.33 -0.25 0.00	31.43 -0.13 0.00	29.30 -0.26 0.00	24.31 -0.40 0.00	20.05 -0.60 0.00	17.32 -0.61 0.00	18.69 -0.46 0.00	18.72 -0.27 0.00	16.15 -0.25 0.00
ESPRGFLD_115KV_TB1 80157	15.65 0.81 0.00	18.27 0.88 0.00	17.98 0.86 0.00	16.63 0.78 0.00	15.28 0.79 0.00	16.31 0.90 0.00	20.60 1.27 0.00	23.36 1.43 0.00	22.10 1.30 0.00	23.59 1.39 0.00	21.70 1.26 0.00	22.47 1.23 0.00	23.18 1.25 0.00	23.45 1.17 0.00	23.07 1.12 0.00	25.86 1.28 0.00	33.31 1.75 0.00	31.35 1.78 0.00	26.27 1.56 0.00	21.87 1.21 0.00	18.91 0.99 0.00	20.23 1.08 0.00	20.05 1.06 0.00	17.33 0.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.05 0.21 0.00	17.59 0.21 0.00	17.32 0.20 0.00	16.03 0.18 0.00	14.67 0.18 0.00	15.66 0.24 0.00	19.70 0.37 0.00	22.27 0.33 0.00	21.08 0.28 0.00	22.48 0.28 0.00	20.66 0.21 0.00	21.41 0.17 0.00	22.13 0.20 0.00	22.62 0.18 -0.17	22.39 0.14 -0.31	25.22 0.19 -0.45	33.40 0.39 -1.46	31.16 0.41 -1.19	25.75 0.41 -0.63	21.18 0.34 -0.18	18.22 0.29 0.00	19.47 0.30 -0.01	19.30 0.31 0.00	16.64 0.23 0.00
ETNA____115KV_TB2 80207	15.05 0.21 0.00	17.59 0.21 0.00	17.32 0.20 0.00	16.03 0.18 0.00	14.67 0.18 0.00	15.66 0.24 0.00	19.70 0.37 0.00	22.27 0.33 0.00	21.08 0.28 0.00	22.48 0.28 0.00	20.66 0.21 0.00	21.41 0.17 0.00	22.13 0.20 0.00	22.62 0.18 -0.17	22.39 0.14 -0.31	25.22 0.19 -0.45	33.40 0.39 -1.46	31.16 0.41 -1.19	25.75 0.41 -0.63	21.18 0.34 -0.18	18.22 0.29 0.00	19.47 0.30 -0.01	19.30 0.31 0.00	16.64 0.23 0.00
EUCLID____115KV_TB2 356179	14.66 -0.17 0.00	17.17 -0.22 0.00	16.90 -0.22 0.00	15.64 -0.21 0.00	14.31 -0.17 0.00	15.26 -0.16 0.00	19.13 -0.19 0.00	21.64 -0.29 0.00	20.50 -0.30 0.00	21.91 -0.29 0.00	20.19 -0.26 0.00	20.94 -0.30 0.00	21.59 -0.34 0.00	22.02 -0.39 -0.13	21.79 -0.40 -0.25	24.48 -0.46 -0.36	32.22 -0.52 -1.18	30.03 -0.49 -0.96	24.80 -0.42 -0.51	20.42 -0.38 -0.15	17.59 -0.34 0.00	18.80 -0.37 -0.01	18.65 -0.35 0.00	16.18 -0.23 0.00
E_CANADA_CAP_HY 24051	15.92 1.09 0.00	18.60 1.21 0.00	18.31 1.19 0.00	16.94 1.09 0.00	15.56 1.07 0.00	16.64 1.22 0.00	21.00 1.67 0.00	23.79 1.86 0.00	22.49 1.68 0.00	23.97 1.77 0.00	22.02 1.57 0.00	22.79 1.55 0.00	23.48 1.55 0.00	23.72 1.45 0.00	23.35 1.41 0.00	26.17 1.59 0.00	33.74 2.19 0.00	31.82 2.26 0.00	26.68 1.97 0.00	22.21 1.55 0.00	19.21 1.28 0.00	20.56 1.40 0.00	20.36 1.37 0.00	17.62 1.21 0.00
E_CANADA_MHWK_HY 24050	14.75 -0.08 0.00	17.33 -0.06 0.00	17.06 -0.06 0.00	15.80 -0.05 0.00	14.35 -0.14 0.00	15.17 -0.25 0.00	19.00 -0.33 0.00	21.64 -0.29 0.00	20.56 -0.25 0.00	21.85 -0.36 0.00	20.03 -0.42 0.00	20.79 -0.45 0.00	21.45 -0.48 0.00	21.85 -0.42 0.00	21.64 -0.31 0.00	24.21 -0.37 0.00	31.00 -0.55 0.00	29.24 -0.32 0.00	24.55 -0.15 0.00	20.73 0.07 0.00	18.12 0.19 0.00	19.28 0.12 0.00	19.07 0.08 0.00	16.39 -0.02 0.00
E_FISHKILL____LBMP 23776	15.41 0.57 0.00	17.93 0.55 0.00	17.66 0.54 0.00	16.36 0.52 0.00	14.94 0.45 0.00	15.82 0.40 0.00	19.84 0.52 0.00	22.63 0.70 0.00	21.58 0.78 0.00	23.03 0.83 0.00	21.22 0.77 0.00	22.11 0.87 0.00	22.95 1.02 0.00	23.40 1.13 0.00	23.14 1.19 0.00	25.89 1.32 0.00	33.09 1.54 0.00	31.05 1.49 0.00	25.94 1.23 0.00	21.75 1.09 0.00	18.89 0.96 0.00	20.14 0.99 0.00	19.94 0.95 0.00	17.17 0.77 0.00
FALCON____SEABRD_CC1 323796	15.50 0.67 0.00	18.07 0.68 0.00	17.84 0.72 0.00	16.53 0.68 0.00	15.13 0.64 0.00	16.16 0.74 0.00	20.34 1.01 0.00	23.15 1.22 0.00	21.90 1.09 0.00	23.45 1.25 0.00	21.44 0.99 0.00	22.18 0.94 0.00	22.80 0.87 0.00	23.23 0.95 0.00	22.90 0.95 0.00	25.55 0.98 0.00	32.73 1.17 0.00	30.78 1.22 0.00	25.81 1.10 0.00	21.51 0.85 0.00	18.55 0.63 0.00	19.70 0.55 0.00	19.57 0.58 0.00	16.79 0.38 0.00
FALCON____SEABRD_CC2 323797	15.50 0.67 0.00	18.07 0.68 0.00	17.84 0.72 0.00	16.53 0.68 0.00	15.13 0.64 0.00	16.16 0.74 0.00	20.34 1.01 0.00	23.15 1.22 0.00	21.90 1.09 0.00	23.45 1.25 0.00	21.44 0.99 0.00	22.18 0.94 0.00	22.80 0.87 0.00	23.23 0.95 0.00	22.90 0.95 0.00	25.55 0.98 0.00	32.73 1.17 0.00	30.78 1.22 0.00	25.81 1.10 0.00	21.51 0.85 0.00	18.55 0.63 0.00	19.70 0.55 0.00	19.57 0.58 0.00	16.79 0.38 0.00
FAR ROCKAWAY____4 23548	15.79 0.96 0.00	18.31 0.92 0.00	18.01 0.89 0.00	16.69 0.84 0.00	15.24 0.75 0.00	16.17 0.75 0.00	20.22 0.89 0.00	23.08 1.15 0.00	22.05 1.25 0.00	23.57 1.37 0.00	21.80 1.35 0.00	22.66 1.42 0.00	23.59 1.66 0.00	59.35 1.68 -35.39	35.37 1.95 -11.48	33.88 2.16 -7.15	33.88 2.32 -0.01	54.04 2.31 -22.17	49.83 1.95 -23.18	100.13 1.65 -77.82	90.01 1.41 -70.68	55.12 1.61 -34.35	38.31 1.65 -17.68	46.08 1.34 -28.34
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.53 0.70 0.00	18.04 0.66 0.00	17.77 0.65 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.98 0.00	23.28 1.08 0.00	21.47 1.02 0.00	22.39 1.15 0.00	23.28 1.35 0.00	23.75 1.47 0.00	23.49 1.55 0.00	26.28 1.71 0.00	33.57 2.01 0.00	31.52 1.96 0.00	26.32 1.61 0.00	22.05 1.39 0.00	19.09 1.17 0.00	20.37 1.21 0.00	20.17 1.18 0.00	17.35 0.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.54 0.71 0.00	18.05 0.67 0.00	17.78 0.66 0.00	16.48 0.62 0.00	15.04 0.55 0.00	15.93 0.51 0.00	20.00 0.67 0.00	22.83 0.90 0.00	21.80 1.00 0.00	23.30 1.09 0.00	21.47 1.02 0.00	22.40 1.16 0.00	23.29 1.36 0.00	23.76 1.48 0.00	23.50 1.56 0.00	26.31 1.73 0.00	33.59 2.03 0.00	31.53 1.97 0.00	26.34 1.63 0.00	22.06 1.40 0.00	19.11 1.18 0.00	20.38 1.22 0.00	20.18 1.19 0.00	17.36 0.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.53 0.69 0.00	18.04 0.65 0.00	17.76 0.64 0.00	16.46 0.62 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.99 0.66 0.00	22.81 0.88 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.46 1.01 0.00	22.38 1.14 0.00	23.27 1.35 0.00	23.75 1.47 0.00	23.48 1.54 0.00	26.28 1.71 0.00	33.56 2.01 0.00	31.51 1.95 0.00	26.31 1.61 0.00	22.04 1.38 0.00	19.09 1.16 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.35 0.94 0.00

FARRAGUT___LBMP 323566	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.25 1.32 0.00	23.72 1.45 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.97 0.00	31.48 1.92 0.00	26.29 1.58 0.00	22.02 1.36 0.00	19.07 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
FENNER___WINDPWR 24204	15.05 0.22 0.00	17.63 0.24 0.00	17.36 0.24 0.00	16.07 0.22 0.00	14.70 0.21 0.00	15.68 0.27 0.00	19.70 0.37 0.00	22.30 0.37 0.00	21.12 0.32 0.00	22.53 0.33 0.00	20.75 0.30 0.00	21.50 0.26 0.00	22.19 0.26 0.00	22.63 0.23 -0.13	22.38 0.20 -0.23	25.16 0.24 -0.34	33.10 0.43 -1.11	30.89 0.43 -0.90	25.59 0.41 -0.48	21.15 0.36 -0.14	18.24 0.31 0.00	19.49 0.33 -0.01	19.29 0.30 0.00	16.63 0.22 0.00
FIBERTEK___ENERGY 23856	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
FITZPATRICK____ 23598	14.47 -0.36 0.00	16.96 -0.42 0.00	16.69 -0.43 0.00	15.45 -0.40 0.00	14.14 -0.35 0.00	15.07 -0.35 0.00	18.87 -0.46 0.00	21.34 -0.59 0.00	20.21 -0.59 0.00	21.60 -0.61 0.00	19.90 -0.55 0.00	20.64 -0.61 0.00	21.25 -0.68 0.00	19.97 -0.72 1.58	18.29 -0.72 2.94	19.51 -0.81 4.26	16.71 -0.99 13.85	17.32 -0.93 11.31	17.94 -0.79 5.98	18.22 -0.68 1.76	17.31 -0.59 0.02	18.40 -0.63 0.12	18.38 -0.61 0.00	15.97 -0.44 0.00
FLOWRFLD_69_KV_BK1 356044	15.88 1.05 0.00	18.40 1.02 0.00	18.11 0.99 0.00	16.78 0.93 0.00	15.33 0.84 0.00	16.29 0.87 0.00	20.41 1.08 0.00	23.28 1.35 0.00	22.23 1.43 0.00	23.70 1.50 0.00	21.97 1.52 0.00	22.70 1.46 0.00	23.60 1.67 0.00	59.10 1.43 -35.39	35.17 1.74 -11.48	33.68 1.96 -7.15	33.73 2.16 -0.01	53.99 2.26 -22.17	49.88 1.99 -23.18	100.17 1.69 -77.82	89.99 1.39 -70.68	54.95 1.44 -34.35	38.15 1.48 -17.68	46.00 1.26 -28.34
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.56 0.72 0.00	18.10 0.72 0.00	17.83 0.71 0.00	16.52 0.67 0.00	15.08 0.59 0.00	15.98 0.57 0.00	20.07 0.74 0.00	22.90 0.97 0.00	21.82 1.02 0.00	23.29 1.08 0.00	21.44 0.99 0.00	22.34 1.10 0.00	23.21 1.28 0.00	23.67 1.39 0.00	23.40 1.46 0.00	26.22 1.64 0.00	33.55 1.99 0.00	31.50 1.94 0.00	26.33 1.63 0.00	22.07 1.41 0.00	19.16 1.23 0.00	20.42 1.27 0.00	20.20 1.21 0.00	17.37 0.96 0.00
FORT ORANGE____ 23900	15.24 0.40 0.00	17.87 0.48 0.00	17.59 0.47 0.00	16.30 0.45 0.00	14.85 0.36 0.00	15.70 0.28 0.00	19.54 0.21 0.00	22.23 0.30 0.00	21.13 0.32 0.00	22.51 0.30 0.00	20.68 0.23 0.00	21.52 0.28 0.00	22.25 0.32 0.00	22.71 0.44 0.00	22.39 0.45 0.00	25.08 0.51 0.00	32.12 0.56 0.00	30.04 0.48 0.00	25.15 0.44 0.00	21.17 0.52 0.00	18.44 0.51 0.00	19.67 0.51 0.00	19.47 0.48 0.00	16.79 0.38 0.00
FORT_DRUM_COGEN 23780	15.18 0.34 0.00	17.88 0.50 0.00	17.60 0.48 0.00	16.28 0.43 0.00	14.91 0.43 0.00	15.98 0.56 0.00	20.12 0.79 0.00	22.70 0.77 0.00	21.44 0.64 0.00	22.71 0.50 0.00	20.78 0.33 0.00	21.54 0.30 0.00	22.20 0.27 0.00	22.60 0.09 -0.23	22.36 -0.01 -0.43	25.06 -0.14 -0.62	33.86 0.29 -2.02	31.78 0.58 -1.65	26.15 0.58 -0.87	21.36 0.44 -0.26	18.38 0.45 0.00	19.64 0.46 -0.02	19.25 0.26 0.00	16.40 -0.01 0.00
FPL_FAR_ROCK_GT1 24212	15.79 0.96 0.00	18.31 0.92 0.00	18.01 0.89 0.00	16.69 0.84 0.00	15.24 0.75 0.00	16.16 0.75 0.00	20.22 0.89 0.00	23.08 1.15 0.00	22.05 1.25 0.00	23.57 1.37 0.00	21.80 1.35 0.00	22.66 1.42 0.00	23.59 1.65 0.00	59.35 1.68 -35.39	35.38 1.95 -11.48	33.88 2.16 -7.15	33.88 2.32 -0.01	54.04 2.31 -22.17	49.83 1.95 -23.18	100.13 1.65 -77.82	90.01 1.41 -70.68	55.12 1.61 -34.35	38.31 1.64 -17.68	46.08 1.34 -28.34
FPL_FAR_ROCK_GT2 23815	15.79 0.96 0.00	18.31 0.92 0.00	18.01 0.89 0.00	16.69 0.84 0.00	15.24 0.75 0.00	16.16 0.75 0.00	20.22 0.89 0.00	23.08 1.15 0.00	22.05 1.25 0.00	23.57 1.37 0.00	21.80 1.35 0.00	22.66 1.42 0.00	23.59 1.65 0.00	59.35 1.68 -35.39	35.38 1.95 -11.48	33.88 2.16 -7.15	33.88 2.32 -0.01	54.04 2.31 -22.17	49.83 1.95 -23.18	100.13 1.65 -77.82	90.01 1.41 -70.68	55.12 1.61 -34.35	38.31 1.64 -17.68	46.08 1.34 -28.34
FRANKLIN_FALL_HYD 24054	15.33 0.49 0.00	17.92 0.54 0.00	17.67 0.55 0.00	16.39 0.54 0.00	15.00 0.51 0.00	16.06 0.64 0.00	20.22 0.89 0.00	23.02 1.09 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.32 0.87 0.00	22.08 0.84 0.00	22.74 0.81 0.00	23.10 0.82 0.00	22.75 0.81 0.00	25.42 0.84 0.00	32.61 1.05 0.00	30.58 1.02 0.00	25.60 0.89 0.00	21.29 0.63 0.00	18.40 0.48 0.00	19.65 0.49 0.00	19.47 0.48 0.00	16.71 0.31 0.00
FREEPORT_EQUS_GT1 23764	15.70 0.87 0.00	18.20 0.82 0.00	17.91 0.79 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.11 0.79 0.00	22.96 1.03 0.00	21.93 1.13 0.00	23.41 1.21 0.00	21.67 1.22 0.00	22.51 1.27 0.00	23.42 1.49 0.00	59.16 1.49 -35.39	35.10 1.68 -11.48	33.64 1.92 -7.15	33.87 2.30 -0.01	53.99 2.26 -22.17	49.75 1.86 -23.18	100.15 1.67 -77.82	90.02 1.42 -70.68	55.03 1.52 -34.35	38.18 1.52 -17.68	45.97 1.23 -28.34
FREEPORT___CT2 23818	15.70 0.87 0.00	18.20 0.82 0.00	17.91 0.79 0.00	16.59 0.74 0.00	15.15 0.66 0.00	16.07 0.65 0.00	20.11 0.79 0.00	22.96 1.03 0.00	21.93 1.13 0.00	23.41 1.21 0.00	21.67 1.22 0.00	22.51 1.27 0.00	23.42 1.49 0.00	59.16 1.49 -35.39	35.10 1.68 -11.48	33.64 1.92 -7.15	33.87 2.30 -0.01	53.99 2.26 -22.17	49.75 1.86 -23.18	100.15 1.67 -77.82	90.02 1.42 -70.68	55.03 1.52 -34.35	38.18 1.52 -17.68	45.97 1.23 -28.34
FRESHKLS_33_KV_LOAD 356253	15.48 0.65 0.00	18.02 0.63 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.54 0.00	15.93 0.51 0.00	19.95 0.62 0.00	22.71 0.78 0.00	21.67 0.87 0.00	23.14 0.94 0.00	21.31 0.86 0.00	22.23 0.99 0.00	23.12 1.19 0.00	23.59 1.32 0.00	23.36 1.42 0.00	26.20 1.63 0.00	33.50 1.94 0.00	31.50 1.94 0.00	26.29 1.59 0.00	22.04 1.39 0.00	19.10 1.18 0.00	20.38 1.22 0.00	20.20 1.21 0.00	17.37 0.97 0.00
FULTON COGEN____ 23766	14.65 -0.18 0.00	17.16 -0.22 0.00	16.89 -0.22 0.00	15.63 -0.22 0.00	14.30 -0.18 0.00	15.25 -0.17 0.00	19.11 -0.21 0.00	21.60 -0.33 0.00	20.47 -0.33 0.00	21.85 -0.35 0.00	20.13 -0.32 0.00	20.89 -0.35 0.00	21.52 -0.41 0.00	22.34 -0.45 -0.52	22.45 -0.46 -0.96	25.47 -0.51 -1.40	35.52 -0.58 -4.55	32.74 -0.53 -3.71	26.23 -0.44 -1.96	20.84 -0.39 -0.58	17.59 -0.35 -0.01	18.82 -0.38 -0.04	18.62 -0.37 0.00	16.16 -0.25 0.00



FULTON___LFGE 323630	16.32 1.49 0.00	19.09 1.70 0.00	18.78 1.66 0.00	17.37 1.53 0.00	15.93 1.44 0.00	17.06 1.64 0.00	21.58 2.25 0.00	24.39 2.45 0.00	22.98 2.18 0.00	24.21 2.00 0.00	22.07 1.62 0.00	22.92 1.68 0.00	23.64 1.71 0.00	23.86 1.58 0.00	23.62 1.68 0.00	26.42 1.84 0.00	34.32 2.76 0.00	32.53 2.97 0.00	27.45 2.74 0.00	22.96 2.31 0.00	19.98 2.05 0.00	21.36 2.20 0.00	21.08 2.09 0.00	18.13 1.72 0.00
G.F.CEMENT___DRP 24184	15.94 1.10 0.00	18.63 1.25 0.00	18.35 1.24 0.00	17.01 1.16 0.00	15.54 1.05 0.00	16.53 1.12 0.00	20.81 1.49 0.00	23.59 1.66 0.00	22.30 1.50 0.00	23.78 1.58 0.00	21.83 1.38 0.00	22.67 1.43 0.00	23.31 1.38 0.00	23.63 1.35 0.00	23.27 1.33 0.00	26.09 1.51 0.00	33.57 2.02 0.00	31.61 2.05 0.00	26.65 1.94 0.00	22.40 1.74 0.00	19.58 1.65 0.00	20.90 1.74 0.00	20.69 1.70 0.00	17.70 1.29 0.00
GARDENVILLE___LBMP 24039	14.64 -0.19 0.00	17.18 -0.20 0.00	16.93 -0.19 0.00	15.64 -0.21 0.00	14.39 -0.09 0.00	15.64 0.22 0.00	19.74 0.41 0.00	22.08 0.15 0.00	20.67 -0.13 0.00	22.37 0.16 0.00	20.60 0.15 0.00	21.35 0.11 0.00	22.08 0.15 0.00	22.12 -0.15 0.00	21.63 -0.32 0.00	24.26 -0.31 0.00	31.33 -0.22 0.00	29.22 -0.34 0.00	24.25 -0.46 0.00	20.01 -0.65 0.00	17.27 -0.65 0.00	18.64 -0.51 0.00	18.66 -0.33 0.00	16.10 -0.30 0.00
GARDNVLA_35_KV_LD 355827	14.69 -0.15 0.00	17.23 -0.15 0.00	16.98 -0.14 0.00	15.68 -0.17 0.00	14.43 -0.06 0.00	15.68 0.26 0.00	19.80 0.47 0.00	22.16 0.23 0.00	20.74 -0.06 0.00	22.44 0.24 0.00	20.68 0.23 0.00	21.43 0.19 0.00	22.17 0.24 0.00	22.22 -0.06 0.00	21.71 -0.23 0.00	24.36 -0.22 0.00	31.46 -0.09 0.00	29.35 -0.21 0.00	24.35 -0.36 0.00	20.09 -0.57 0.00	17.35 -0.58 0.00	18.72 -0.44 0.00	18.73 -0.26 0.00	16.15 -0.25 0.00
GELCKHM___115KV_LOAD 80723	14.71 -0.12 0.00	17.22 -0.17 0.00	16.96 -0.16 0.00	15.69 -0.16 0.00	14.36 -0.13 0.00	15.31 -0.10 0.00	19.20 -0.12 0.00	21.72 -0.21 0.00	20.58 -0.22 0.00	21.98 -0.22 0.00	20.26 -0.19 0.00	21.01 -0.23 0.00	21.66 -0.27 0.00	22.16 -0.31 0.00	21.98 -0.32 0.00	24.73 -0.36 0.00	32.84 -0.39 0.00	30.56 -0.37 0.00	25.12 -0.41 0.00	20.57 -0.30 0.00	17.66 -0.27 0.00	18.88 -0.29 0.00	18.72 -0.27 0.00	16.23 -0.18 0.00
GENERAL___MILLS 23808	14.67 -0.17 0.00	17.22 -0.17 0.00	16.95 -0.17 0.00	15.67 -0.18 0.00	14.41 -0.07 0.00	15.66 0.24 0.00	19.77 0.45 0.00	22.12 0.19 0.00	20.71 -0.09 0.00	22.41 0.20 0.00	20.64 0.19 0.00	21.39 0.15 0.00	22.13 0.20 0.00	22.17 -0.11 0.00	21.67 -0.28 0.00	24.31 -0.27 0.00	31.40 -0.15 0.00	29.28 -0.28 0.00	24.30 -0.41 0.00	20.05 -0.61 0.00	17.31 -0.61 0.00	18.68 -0.47 0.00	18.70 -0.29 0.00	16.13 -0.27 0.00
GE_PLASTICS___DRP 24183	15.20 0.36 0.00	17.82 0.44 0.00	17.55 0.44 0.00	16.26 0.41 0.00	14.82 0.33 0.00	15.67 0.25 0.00	19.54 0.21 0.00	22.23 0.29 0.00	21.13 0.32 0.00	22.52 0.32 0.00	20.72 0.28 0.00	21.57 0.33 0.00	22.29 0.36 0.00	22.74 0.46 0.00	22.43 0.48 0.00	25.10 0.53 0.00	32.13 0.58 0.00	30.05 0.49 0.00	25.13 0.42 0.00	21.14 0.48 0.00	18.40 0.47 0.00	19.63 0.47 0.00	19.45 0.46 0.00	16.77 0.36 0.00
GILBOA___1 23756	15.21 0.38 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.88 0.39 0.00	15.67 0.25 0.00	19.62 0.30 0.00	22.32 0.39 0.00	21.22 0.42 0.00	22.65 0.44 0.00	20.84 0.40 0.00	21.69 0.45 0.00	22.44 0.51 0.00	22.85 0.58 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.32 0.76 0.00	30.22 0.66 0.00	25.27 0.56 0.00	21.21 0.56 0.00	18.44 0.52 0.00	19.69 0.53 0.00	19.51 0.52 0.00	16.82 0.42 0.00
GILBOA___2 23757	15.21 0.38 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.88 0.39 0.00	15.67 0.25 0.00	19.62 0.30 0.00	22.32 0.39 0.00	21.22 0.42 0.00	22.65 0.44 0.00	20.84 0.40 0.00	21.69 0.45 0.00	22.44 0.51 0.00	22.85 0.58 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.32 0.76 0.00	30.22 0.66 0.00	25.27 0.56 0.00	21.21 0.56 0.00	18.44 0.52 0.00	19.69 0.53 0.00	19.51 0.52 0.00	16.82 0.42 0.00
GILBOA___3 23758	15.21 0.38 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.88 0.39 0.00	15.67 0.25 0.00	19.62 0.30 0.00	22.32 0.39 0.00	21.22 0.42 0.00	22.65 0.44 0.00	20.84 0.40 0.00	21.69 0.45 0.00	22.44 0.51 0.00	22.85 0.58 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.32 0.76 0.00	30.22 0.66 0.00	25.27 0.56 0.00	21.21 0.56 0.00	18.44 0.52 0.00	19.69 0.53 0.00	19.51 0.52 0.00	16.82 0.42 0.00
GILBOA___4 23759	15.21 0.38 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.88 0.39 0.00	15.67 0.25 0.00	19.62 0.30 0.00	22.32 0.39 0.00	21.22 0.42 0.00	22.65 0.44 0.00	20.84 0.40 0.00	21.69 0.45 0.00	22.44 0.51 0.00	22.85 0.58 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.32 0.76 0.00	30.22 0.66 0.00	25.27 0.56 0.00	21.21 0.56 0.00	18.44 0.52 0.00	19.69 0.53 0.00	19.51 0.52 0.00	16.82 0.42 0.00
GILBOA___ 23599	15.21 0.38 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.88 0.39 0.00	15.67 0.25 0.00	19.62 0.30 0.00	22.32 0.39 0.00	21.22 0.42 0.00	22.65 0.44 0.00	20.84 0.40 0.00	21.69 0.45 0.00	22.44 0.51 0.00	22.85 0.58 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.32 0.77 0.00	30.22 0.66 0.00	25.27 0.56 0.00	21.21 0.55 0.00	18.44 0.52 0.00	19.69 0.53 0.00	19.51 0.52 0.00	16.82 0.42 0.00
GINNA___ 23603	14.04 -0.79 0.00	16.39 -0.93 0.06	16.18 -0.93 0.01	14.97 -0.87 0.01	13.75 -0.73 0.00	14.73 -0.61 0.08	18.50 -0.69 0.14	20.98 -0.96 0.00	19.74 -1.06 0.00	21.20 -1.01 0.00	19.52 -0.92 0.00	20.23 -1.01 0.00	20.88 -1.05 0.00	21.10 -1.18 0.00	20.70 -1.24 0.00	23.19 -1.38 0.00	29.94 -1.61 0.00	28.05 -1.51 0.00	23.39 -1.32 0.00	19.43 -1.23 0.00	16.79 -1.14 0.00	18.00 -1.16 0.00	17.88 -1.11 0.00	15.47 -0.94 0.00
GLEN PARK___ 23778	15.24 0.40 0.00	17.95 0.56 0.00	17.66 0.54 0.00	16.34 0.49 0.00	14.97 0.49 0.00	16.04 0.62 0.00	20.21 0.88 0.00	22.79 0.86 0.00	21.52 0.71 0.00	22.76 0.55 0.00	20.82 0.37 0.00	21.60 0.36 0.00	22.25 0.32 0.00	22.66 0.14 0.00	22.42 0.02 0.00	25.11 -0.11 0.00	34.08 0.40 0.00	32.04 0.75 0.00	26.34 0.71 0.00	21.49 0.56 0.00	18.49 0.56 0.00	19.75 0.57 0.00	19.35 0.35 0.00	16.48 0.07 0.00
GLENDALE_27_KV_LOAD 356172	15.58 0.75 0.00	18.09 0.71 0.00	17.83 0.71 0.00	16.52 0.67 0.00	15.08 0.59 0.00	15.98 0.56 0.00	20.06 0.73 0.00	22.89 0.96 0.00	21.86 1.06 0.00	23.38 1.17 0.00	21.54 1.09 0.00	22.47 1.23 0.00	23.37 1.44 0.00	23.84 1.56 0.00	23.58 1.64 0.00	26.41 1.83 0.00	33.72 2.17 0.00	31.68 2.12 0.00	26.44 1.74 0.00	22.15 1.49 0.00	19.19 1.26 0.00	20.46 1.30 0.00	20.25 1.26 0.00	17.42 1.02 0.00

GLENWOOD_IC_1_G5 23712	15.63 0.80 0.00	18.13 0.75 0.00	17.86 0.74 0.00	16.54 0.69 0.00	15.10 0.62 0.00	16.01 0.59 0.00	20.08 0.75 0.00	22.91 0.98 0.00	21.88 1.08 0.00	23.38 1.17 0.00	21.62 1.17 0.00	22.49 1.25 0.00	23.39 1.46 0.00	59.19 1.53 -35.39	35.12 1.69 -11.48	33.61 1.88 -7.15	33.80 2.24 -0.01	53.92 2.18 -22.17	49.63 1.75 -23.18	99.95 1.47 -77.82	89.92 1.32 -70.68	54.79 1.28 -34.35	38.01 1.34 -17.68	45.84 1.09 -28.34
GLENWOOD_IC_2_G1 23688	15.55 0.72 0.00	18.06 0.68 0.00	17.78 0.66 0.00	16.48 0.63 0.00	15.04 0.56 0.00	15.94 0.53 0.00	19.99 0.66 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.28 1.07 0.00	21.51 1.06 0.00	22.39 1.15 0.00	23.28 1.35 0.00	59.09 1.43 -35.39	34.99 1.57 -11.48	33.46 1.74 -7.15	33.62 2.05 -0.01	53.74 2.00 -22.17	49.55 1.67 -23.18	99.92 1.44 -77.82	89.83 1.23 -70.68	54.78 1.27 -34.35	37.91 1.24 -17.68	45.75 1.00 -28.34
GLENWOOD_IC_3_G1 23689	15.55 0.72 0.00	18.06 0.68 0.00	17.78 0.66 0.00	16.48 0.63 0.00	15.04 0.56 0.00	15.94 0.53 0.00	19.99 0.66 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.28 1.07 0.00	21.51 1.06 0.00	22.39 1.15 0.00	23.28 1.35 0.00	59.09 1.43 -35.39	34.99 1.57 -11.48	33.46 1.74 -7.15	33.62 2.05 -0.01	53.74 2.00 -22.17	49.55 1.67 -23.18	99.92 1.44 -77.82	89.83 1.23 -70.68	54.78 1.27 -34.35	37.91 1.24 -17.68	45.75 1.00 -28.34
GLENWOOD___4 23550	15.63 0.80 0.00	18.13 0.75 0.00	17.86 0.74 0.00	16.54 0.69 0.00	15.10 0.62 0.00	16.01 0.59 0.00	20.08 0.75 0.00	22.91 0.98 0.00	21.88 1.08 0.00	23.38 1.17 0.00	21.62 1.17 0.00	22.49 1.25 0.00	23.39 1.46 0.00	59.19 1.53 -35.39	35.12 1.69 -11.48	33.61 1.88 -7.15	33.80 2.24 -0.01	53.92 2.18 -22.17	49.66 1.78 -23.18	99.98 1.51 -77.82	89.92 1.32 -70.68	54.83 1.32 -34.35	38.01 1.34 -17.68	45.84 1.09 -28.34
GLENWOOD___5 23614	15.63 0.80 0.00	18.13 0.75 0.00	17.86 0.74 0.00	16.54 0.69 0.00	15.10 0.62 0.00	16.01 0.59 0.00	20.08 0.75 0.00	22.91 0.98 0.00	21.88 1.08 0.00	23.38 1.17 0.00	21.62 1.17 0.00	22.49 1.25 0.00	23.39 1.46 0.00	59.19 1.53 -35.39	35.12 1.69 -11.48	33.61 1.88 -7.15	33.80 2.24 -0.01	53.92 2.18 -22.17	49.66 1.78 -23.18	99.98 1.51 -77.82	89.92 1.32 -70.68	54.83 1.32 -34.35	38.01 1.34 -17.68	45.84 1.09 -28.34
GLOBAL GREEN_PORT_GT1 23814	16.37 1.54 0.00	18.99 1.61 0.00	18.69 1.58 0.00	17.33 1.49 0.00	15.85 1.36 0.00	16.86 1.45 0.00	21.18 1.86 0.00	24.15 2.22 0.00	23.04 2.24 0.00	24.59 2.39 0.00	22.72 2.27 0.00	23.48 2.24 0.00	24.40 2.47 0.00	59.67 2.01 -35.39	35.82 2.39 -11.48	34.41 2.69 -7.15	34.54 2.98 -0.01	54.79 3.05 -22.17	50.55 2.66 -23.18	100.61 2.14 -77.82	89.96 1.36 -70.68	55.64 2.13 -34.35	38.61 1.94 -17.68	46.44 1.69 -28.34
GLOBE___DSASP 323697	14.37 -0.46 0.00	16.90 -0.49 0.00	16.64 -0.49 0.00	15.37 -0.48 0.00	14.16 -0.33 0.00	15.40 -0.02 0.00	19.41 0.08 0.00	21.55 -0.38 0.00	19.93 -0.87 0.00	21.58 -0.62 0.00	19.88 -0.56 0.00	20.60 -0.63 0.00	21.27 -0.66 0.00	21.28 -1.00 0.00	20.79 -1.16 0.00	23.30 -1.28 0.00	30.06 -1.49 0.00	28.06 -1.50 0.00	23.27 -1.44 0.00	19.22 -1.44 0.00	16.58 -1.35 0.00	17.97 -1.19 0.00	18.08 -0.91 0.00	15.70 -0.71 0.00
GOETHSLN___LBMP 323567	15.46 0.62 0.00	17.97 0.58 0.00	17.69 0.57 0.00	16.40 0.55 0.00	14.96 0.48 0.00	15.83 0.41 0.00	19.88 0.55 0.00	22.70 0.76 0.00	21.67 0.87 0.00	23.15 0.95 0.00	21.34 0.90 0.00	22.27 1.03 0.00	23.15 1.22 0.00	23.64 1.36 0.00	23.38 1.44 0.00	26.16 1.58 0.00	33.42 1.87 0.00	31.37 1.81 0.00	26.20 1.50 0.00	21.93 1.28 0.00	19.01 1.08 0.00	20.28 1.12 0.00	20.08 1.09 0.00	17.28 0.87 0.00
GOLAH___69_KV_TB 1_2 80279	14.84 0.01 0.00	17.39 0.01 0.00	17.11 -0.01 0.00	15.82 -0.03 0.00	14.54 0.05 0.00	15.72 0.30 0.00	19.86 0.54 0.00	22.34 0.41 0.00	20.93 0.13 0.00	22.54 0.33 0.00	20.74 0.29 0.00	21.46 0.22 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.90 -0.05 0.00	24.56 -0.02 0.00	31.67 0.11 0.00	29.67 0.11 0.00	24.72 0.01 0.00	20.52 -0.13 0.00	17.73 -0.19 0.00	19.06 -0.10 0.00	18.97 -0.03 0.00	16.40 -0.01 0.00
GOODYEAR_LAKE_HYD 323669	15.36 0.53 0.00	17.96 0.58 0.00	17.68 0.56 0.00	16.37 0.52 0.00	14.99 0.50 0.00	15.94 0.52 0.00	20.08 0.75 0.00	22.80 0.86 0.00	21.63 0.83 0.00	23.09 0.89 0.00	21.25 0.80 0.00	22.06 0.82 0.00	22.80 0.87 0.00	23.19 0.86 -0.05	22.88 0.84 -0.09	25.68 0.96 -0.14	33.27 1.27 -0.45	31.16 1.23 -0.36	25.96 1.06 -0.19	21.58 0.86 -0.06	18.65 0.73 0.00	19.94 0.78 0.00	19.75 0.76 0.00	17.03 0.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.93 0.09 0.00	17.43 0.05 0.00	17.17 0.05 0.00	15.89 0.03 0.00	14.53 0.04 0.00	15.51 0.09 0.00	19.52 0.19 0.00	22.14 0.21 0.00	20.98 0.17 0.00	22.46 0.25 0.00	20.68 0.23 0.00	21.46 0.22 0.00	22.24 0.31 0.00	22.63 0.24 -0.11	22.36 0.21 -0.21	25.17 0.29 -0.31	33.01 0.46 -1.00	30.74 0.36 -0.81	25.43 0.30 -0.43	20.96 0.17 -0.13	18.06 0.13 0.00	19.32 0.15 -0.01	19.20 0.21 0.00	16.54 0.13 0.00
GOUDEY___7 23579	14.94 0.10 0.00	17.44 0.06 0.00	17.18 0.06 0.00	15.89 0.04 0.00	14.54 0.06 0.00	15.52 0.10 0.00	19.53 0.20 0.00	22.15 0.22 0.00	20.99 0.19 0.00	22.48 0.27 0.00	20.70 0.25 0.00	21.48 0.24 0.00	22.26 0.33 0.00	22.66 0.27 -0.11	22.39 0.23 -0.21	25.20 0.31 -0.31	33.04 0.49 -1.00	30.77 0.39 -0.81	25.46 0.32 -0.43	20.98 0.19 -0.13	18.07 0.14 0.00	19.33 0.17 -0.01	19.22 0.23 0.00	16.56 0.15 0.00
GOUDEY___8 23580	14.93 0.09 0.00	17.43 0.05 0.00	17.17 0.05 0.00	15.89 0.03 0.00	14.53 0.04 0.00	15.51 0.09 0.00	19.52 0.19 0.00	22.14 0.21 0.00	20.98 0.17 0.00	22.46 0.25 0.00	20.68 0.23 0.00	21.46 0.22 0.00	22.24 0.31 0.00	22.63 0.24 -0.11	22.36 0.21 -0.21	25.17 0.29 -0.31	33.01 0.46 -1.00	30.74 0.36 -0.81	25.43 0.30 -0.43	20.96 0.17 -0.13	18.06 0.13 0.00	19.32 0.15 -0.01	19.20 0.21 0.00	16.54 0.13 0.00
GOWANUS_GT1_1 24077	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_2 24078	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00

GOWANUS_GT1_3 24079	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_4 24080	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_5 24084	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_6 24111	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_7 24112	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT1_8 24113	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GOWANUS_GT2_1 24114	15.55 0.72 0.00	18.06 0.68 0.00	17.81 0.70 0.00	16.50 0.66 0.00	15.06 0.57 0.00	15.97 0.55 0.00	20.00 0.67 0.00	22.79 0.86 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.43 0.98 0.00	22.36 1.13 0.00	23.25 1.32 0.00	23.73 1.45 0.00	23.48 1.53 0.00	26.32 1.75 0.00	33.63 2.07 0.00	31.61 2.05 0.00	26.38 1.67 0.00	22.10 1.44 0.00	19.15 1.22 0.00	20.43 1.27 0.00	20.23 1.24 0.00	17.40 0.99 0.00
GOWANUS_GT2_2 24115	15.55 0.72 0.00	18.06 0.68 0.00	17.81 0.70 0.00	16.50 0.66 0.00	15.06 0.57 0.00	15.97 0.55 0.00	20.00 0.67 0.00	22.79 0.86 0.00	21.77 0.97 0.00	23.27 1.06 0.0														

GOWANUS_GT3_2 24123	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_3 24124	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_4 24125	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_5 24126	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_6 24127	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_7 24128	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 0.00	17.82 <u>0.70</u> 0.00	16.51 <u>0.66</u> 0.00	15.06 <u>0.58</u> 0.00	15.97 <u>0.55</u> 0.00	20.01 <u>0.68</u> 0.00	22.81 <u>0.88</u> 0.00	21.78 <u>0.97</u> 0.00	23.28 <u>1.08</u> 0.00	21.45 <u>0.99</u> 0.00	22.38 <u>1.14</u> 0.00	23.27 <u>1.34</u> 0.00	23.74 <u>1.47</u> 0.00	23.50 <u>1.55</u> 0.00	26.34 <u>1.76</u> 0.00	33.65 <u>2.10</u> 0.00	31.62 <u>2.06</u> 0.00	26.40 <u>1.69</u> 0.00	22.11 <u>1.46</u> 0.00	19.16 <u>1.24</u> 0.00	20.43 <u>1.28</u> 0.00	20.24 <u>1.25</u> 0.00	17.40 <u>1.00</u> 0.00
GOWANUS_GT3_8 24129	15.56 <u>0.72</u> 0.00	18.07 <u>0.69</u> 																						

GREENBSH_115KV_TB3 55895	15.17 0.34 0.00	17.79 0.40 0.00	17.52 0.40 0.00	16.23 0.38 0.00	14.78 0.29 0.00	15.62 0.20 0.00	19.43 0.11 0.00	22.11 0.18 0.00	21.03 0.22 0.00	22.40 0.20 0.00	20.62 0.16 0.00	21.46 0.22 0.00	22.18 0.25 0.00	22.64 0.36 0.00	22.33 0.38 0.00	24.99 0.41 0.00	31.98 0.42 0.00	29.89 0.33 0.00	25.01 0.30 0.00	21.05 0.39 0.00	18.33 0.40 0.00	19.55 0.39 0.00	19.37 0.38 0.00	16.70 0.29 0.00
GREENDGE_115KV_TB5 80291	14.87 0.04 0.00	17.38 -0.01 0.00	17.12 0.00 0.00	15.82 -0.03 0.00	14.50 0.02 0.00	15.56 0.14 0.00	19.64 0.31 0.00	22.24 0.31 0.00	21.07 0.28 0.00	22.56 0.35 0.00	20.69 0.23 0.00	21.44 0.20 0.00	22.19 0.27 0.00	22.49 0.12 -0.09	22.16 0.04 -0.17	24.94 0.11 -0.25	32.54 0.16 -0.82	30.39 0.16 -0.67	25.27 0.20 -0.35	20.87 0.11 -0.10	17.95 0.03 0.00	19.23 0.07 -0.01	19.09 0.10 0.00	16.40 -0.01 0.00
GREENIDGE___3 23582	14.87 0.04 0.00	17.38 -0.01 0.00	17.12 0.00 0.00	15.82 -0.03 0.00	14.50 0.02 0.00	15.56 0.14 0.00	19.64 0.31 0.00	22.24 0.31 0.00	21.07 0.28 0.00	22.56 0.35 0.00	20.69 0.23 0.00	21.44 0.20 0.00	22.19 0.27 0.00	22.49 0.12 -0.09	22.16 0.04 -0.17	24.94 0.11 -0.25	32.54 0.16 -0.82	30.39 0.16 -0.67	25.27 0.20 -0.35	20.87 0.11 -0.10	17.95 0.03 0.00	19.23 0.07 -0.01	19.09 0.10 0.00	16.40 -0.01 0.00
GREENIDGE___4 23583	14.87 0.04 0.00	17.44 -0.01 -0.06	17.13 0.00 -0.01	15.83 -0.03 -0.01	14.50 0.02 0.00	15.65 0.14 -0.08	19.78 0.31 -0.14	22.24 0.31 0.00	21.07 0.28 0.00	22.56 0.35 0.00	20.69 0.24 0.00	21.44 0.20 0.00	22.19 0.27 0.00	22.49 0.12 -0.09	22.16 0.04 -0.17	24.94 0.11 -0.25	32.54 0.16 -0.82	30.39 0.16 -0.67	25.27 0.20 -0.35	20.88 0.11 -0.10	17.95 0.03 0.00	19.23 0.06 -0.01	19.10 0.11 0.00	16.40 -0.01 0.00
GREENLWN_69_KV_BK 3 55738	15.63 0.80 0.00	18.12 0.74 0.00	17.84 0.72 0.00	16.53 0.68 0.00	15.09 0.61 0.00	16.01 0.59 0.00	20.04 0.71 0.00	22.86 0.93 0.00	21.84 1.04 0.00	23.32 1.11 0.00	21.62 1.18 0.00	22.44 1.20 0.00	23.34 1.40 0.00	59.02 1.36 -35.39	35.02 1.59 -11.48	33.41 1.68 -7.15	33.50 1.93 -0.01	53.69 1.96 -22.17	49.56 1.68 -23.18	99.92 1.44 -77.82	89.80 1.20 -70.68	54.79 1.28 -34.35	37.93 1.26 -17.68	45.80 1.06 -28.34
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00
GRISSOM___SOLAR 323813	16.32 1.49 0.00	19.09 1.70 0.00	18.78 1.66 0.00	17.37 1.53 0.00	15.93 1.44 0.00	17.06 1.64 0.00	21.58 2.25 0.00	24.39 2.45 0.00	22.98 2.18 0.00	24.21 2.00 0.00	22.07 1.62 0.00	22.92 1.68 0.00	23.64 1.71 0.00	23.86 1.58 0.00	23.62 1.68 0.00	26.42 1.84 0.00	34.32 2.76 0.00	32.53 2.97 0.00	27.45 2.74 0.00	22.96 2.31 0.00	19.98 2.05 0.00	21.36 2.20 0.00	21.08 2.09 0.00	18.13 1.72 0.00
GROVEVILLE___HYD 323602	15.56 0.72 0.00	18.10 0.72 0.00	17.83 0.71 0.00	16.52 0.67 0.00	15.08 0.59 0.00	15.98 0.57 0.00	20.07 0.74 0.00	22.90 0.97 0.00	21.82 1.02 0.00	23.29 1.08 0.00	21.44 0.99 0.00	22.34 1.10 0.00	23.21 1.28 0.00	23.67 1.39 0.00	23.40 1.46 0.00	26.22 1.64 0.00	33.55 1.99 0.00	31.50 1.94 0.00	26.33 1.63 0.00	22.07 1.41 0.00	19.16 1.23 0.00	20.42 1.27 0.00	20.20 1.21 0.00	17.37 0.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	14.82 -0.02 0.00	17.32 -0.06 0.00	17.05 -0.07 0.00	15.78 -0.07 0.00	14.44 -0.05 0.00	15.42 0.00 0.00	19.36 0.03 0.00	21.89 -0.04 0.00	20.73 -0.06 0.00	22.15 -0.05 0.00	20.40 -0.04 0.00	21.17 -0.07 0.00	21.84 -0.09 0.00	22.44 -0.14 -0.30	22.35 -0.15 -0.56	25.22 -0.16 -0.81	34.08 -0.11 -2.63	31.60 -0.11 -2.15	25.76 -0.09 -1.14	20.87 -0.12 -0.33	17.81 -0.12 0.00	19.06 -0.12 -0.02	18.87 -0.12 0.00	16.34 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.20 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	14.81 -0.02 0.00	17.39 0.01 0.00	17.12 0.00 0.00	15.85 0.00 0.00	14.40 -0.09 0.00	15.24 -0.18 0.00	19.08 -0.24 0.00	21.73 -0.21 0.00	20.66 -0.14 0.00	21.98 -0.22 0.00	20.17 -0.28 0.00	20.87 -0.37 0.00	21.48 -0.45 0.00	21.84 -0.44 0.00	21.64 -0.31 0.00	24.19 -0.39 0.00	30.96 -0.59 0.00	29.25 -0.31 0.00	24.57 -0.13 0.00	20.71 0.06 0.00	18.06 0.14 0.00	19.23 0.08 0.00	19.05 0.06 0.00	16.42 0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.44 0.60 0.00	17.96 0.57 0.00	17.68 0.56 0.00	16.37 0.52 0.00	14.95 0.47 0.00	15.85 0.43 0.00	19.89 0.56 0.00	22.68 0.75 0.00	21.64 0.84 0.00	23.11 0.91 0.00	21.29 0.85 0.00	22.21 0.97 0.00	23.08 1.15 0.00	23.54 1.26 0.00	23.28 1.33 0.00	26.07 1.50 0.00	33.39 1.83 0.00	31.35 1.79 0.00	26.20 1.49 0.00	21.92 1.26 0.00	19.01 1.08 0.00	20.27 1.12 0.00	20.06 1.07 0.00	17.26 0.85 0.00
HARSNRAD_115KV_TB1 81005	14.51 -0.33 0.00	17.02 -0.36 0.00	16.77 -0.35 0.00	15.49 -0.36 0.00	14.27 -0.21 0.00	15.55 0.13 0.00	19.61 0.28 0.00	21.81 -0.12 0.00	20.34 -0.46 0.00	22.07 -0.13 0.00	20.31 -0.13 0.00	21.04 -0.20 0.00	21.73 -0.20 0.00	21.76 -0.52 0.00	21.27 -0.67 0.00	23.85 -0.72 0.00	30.80 -0.76 0.00	28.75 -0.81 0.00	23.86 -0.85 0.00	19.70 -0.96 0.00	17.00 -0.93 0.00	18.40 -0.75 0.00	18.45 -0.54 0.00	15.97 -0.44 0.00
HARZA MOOSE___RIVER 24016	15.15 0.31 0.00	17.79 0.40 0.00	17.51 0.40 0.00	16.21 0.37 0.00	14.83 0.35 0.00	15.84 0.43 0.00	19.92 0.59 0.00	22.57 0.64 0.00	21.36 0.56 0.00	22.70 0.50 0.00	20.85 0.40 0.00	21.60 0.36 0.00	22.28 0.35 0.00	22.59 0.23 -0.08	22.28 0.18 -0.15	25.02 0.22 -0.22	32.79 0.52 -0.72	30.71 0.57 -0.58	25.56 0.55 -0.31	21.20 0.45 -0.09	18.35 0.42 0.00	19.61 0.45 -0.01	19.32 0.34 0.00	16.54 0.13 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	14.72 -0.12 0.00	17.23 -0.15 0.00	16.96 -0.16 0.00	15.69 -0.15 0.00	14.37 -0.12 0.00	15.32 -0.10 0.00	19.22 -0.11 0.00	21.74 -0.19 0.00	20.60 -0.21 0.00	22.02 -0.19 0.00	20.29 -0.16 0.00	21.05 -0.19 0.00	21.70 -0.23 0.00	22.16 -0.27 -0.15	21.93 -0.30 -0.29	24.66 -0.34 -0.42	32.56 -0.36 -1.37	30.33 -0.35 -1.12	25.00 -0.30 -0.59	20.54 -0.29 -0.17	17.67 -0.27 0.00	18.88 -0.28 -0.01	18.73 -0.26 0.00	16.25 -0.16 0.00
HELLGATE_13_KV_LD 55870	15.53 0.70 0.00	18.03 0.65 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.55 0.00	15.93 0.51 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.27 1.06 0.00	21.43 0.98 0.00	22.36 1.12 0.00	23.25 1.32 0.00	23.71 1.44 0.00	23.46 1.52 0.00	26.28 1.71 0.00	33.54 1.99 0.00	31.51 1.95 0.00	26.30 1.59 0.00	22.03 1.37 0.00	19.09 1.17 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.36 0.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.53 0.70 0.00	18.03 0.65 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.03 0.55 0.00	15.93 0.51 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.27 1.06 0.00	21.43 0.98 0.00	22.36 1.12 0.00	23.25 1.32 0.00	23.71 1.44 0.00	23.46 1.52 0.00	26.28 1.71 0.00	33.54 1.99 0.00	31.51 1.95 0.00	26.30 1.59 0.00	22.03 1.37 0.00	19.09 1.17 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.36 0.95 0.00
HEMPSTEAD____ 23647	15.59 0.76 0.00	18.08 0.70 0.00	17.81 0.69 0.00	16.49 0.65 0.00	15.06 0.57 0.00	15.98 0.56 0.00	20.01 0.68 0.00	22.83 0.90 0.00	21.81 1.01 0.00	23.29 1.09 0.00	21.55 1.10 0.00	22.40 1.16 0.00	23.30 1.37 0.00	59.06 1.39 -35.39	35.03 1.60 -11.48	33.51 1.78 -7.15	33.66 2.10 -0.01	53.81 2.08 -22.17	49.61 1.73 -23.18	99.97 1.49 -77.82	89.88 1.28 -70.68	54.84 1.33 -34.35	38.00 1.33 -17.68	45.83 1.08 -28.34
HEWLETT__69_KV_BK3 55828	15.74 0.91 0.00	18.25 0.87 0.00	17.95 0.83 0.00	16.64 0.79 0.00	15.19 0.70 0.00	16.11 0.69 0.00	20.14 0.81 0.00	22.99 1.06 0.00	21.97 1.17 0.00	23.47 1.27 0.00	21.72 1.27 0.00	22.58 1.34 0.00	23.50 1.57 0.00	59.25 1.59 -35.39	35.28 1.85 -11.48	33.78 2.05 -7.15	33.86 2.29 -0.01	54.02 2.28 -22.17	49.81 1.93 -23.18	100.12 1.64 -77.82	89.99 1.39 -70.68	55.07 1.56 -34.35	38.23 1.56 -17.68	46.02 1.27 -28.34
HICKLING___1 23621	14.92 0.09 0.00	17.41 0.02 0.00	17.15 0.04 0.00	15.85 0.00 0.00	14.52 0.03 0.00	15.57 0.15 0.00	19.69 0.36 0.00	22.36 0.43 0.00	21.29 0.49 0.00	22.82 0.62 0.00	20.91 0.46 0.00	21.69 0.45 0.00	22.52 0.59 0.00	22.82 0.45 -0.09	22.47 0.35 -0.17	25.32 0.49 -0.25	33.12 0.76 -0.81	30.80 0.58 -0.66	25.53 0.47 -0.35	20.99 0.23 -0.10	18.05 0.12 0.00	19.33 0.16 -0.01	19.26 0.28 0.00	16.50 0.09 0.00
HICKLING___2 23622	14.92 0.09 0.00	17.41 0.02 0.00	17.15 0.04 0.00	15.85 0.00 0.00	14.52 0.03 0.00	15.57 0.15 0.00	19.69 0.36 0.00	22.36 0.43 0.00	21.29 0.49 0.00	22.82 0.62 0.00	20.91 0.46 0.00	21.69 0.45 0.00	22.52 0.59 0.00	22.82 0.45 -0.09	22.47 0.35 -0.17	25.32 0.49 -0.25	33.12 0.76 -0.81	30.80 0.58 -0.66	25.53 0.47 -0.35	20.99 0.23 -0.10	18.05 0.12 0.00	19.33 0.16 -0.01	19.26 0.28 0.00	16.50 0.09 0.00
HIGH FALLS___HY 23754	15.39 0.55 0.00	17.89 0.50 0.00	17.61 0.49 0.00	16.30 0.45 0.00	14.90 0.41 0.00	15.81 0.39 0.00	19.85 0.52 0.00	22.69 0.76 0.00	21.60 0.80 0.00	23.00 0.79 0.00	21.15 0.70 0.00	22.08 0.84 0.00	22.96 1.03 0.00	23.42 1.14 0.00	23.17 1.22 0.00	26.02 1.44 0.00	33.31 1.76 0.00	31.29 1.73 0.00	26.19 1.49 0.00	21.93 1.27 0.00	19.04 1.12 0.00	20.28 1.12 0.00	20.07 1.08 0.00	17.25 0.85 0.00
HILLBURN___GT 23639	15.43 0.60 0.00	17.93 0.55 0.00	17.65 0.53 0.00	16.35 0.51 0.00	14.93 0.44 0.00	15.82 0.40 0.00	19.85 0.52 0.00	22.64 0.71 0.00	21.63 0.83 0.00	23.12 0.91 0.00	21.30 0.86 0.00	22.22 0.98 0.00	23.10 1.17 0.00	23.56 1.29 0.00	23.30 1.35 0.00	26.10 1.52 0.00	33.38 1.82 0.00	31.32 1.76 0.00	26.17 1.46 0.00	21.90 1.24 0.00	18.99 1.06 0.00	20.26 1.10 0.00	20.05 1.06 0.00	17.25 0.84 0.00
HILLSIDE_115KV_TB1 80332	14.71 -0.12 0.00	17.14 -0.24 0.00	16.90 -0.22 0.00	15.61 -0.24 0.00	14.28 -0.20 0.00	15.31 -0.11 0.00	19.34 0.01 0.00	21.99 0.06 0.00	20.96 0.16 0.00	22.45 0.25 0.00	20.59 0.14 0.00	21.33 0.09 0.00	22.19 0.26 0.00	22.50 0.12 -0.10	22.17 0.05 -0.18	24.99 0.15 -0.26	32.70 0.31 -0.84	30.39 0.15 -0.68	25.17 0.10 -0.36	20.69 -0.07 -0.11	17.81 -0.12 0.00	19.07 -0.09 -0.01	19.04 0.05 0.00	16.33 -0.08 0.00
HISHELDN_WT_PWR 323625	14.64 -0.20 0.00	17.08 -0.22 0.08	16.91 -0.19 0.02	15.62 -0.22 0.01	14.37 -0.11 0.00	15.45 0.14 0.10	19.46 0.31 0.18	22.03 0.10 0.00	20.67 -0.13 0.00	22.33 0.13 0.00	20.55 0.10 0.00	21.30 0.06 0.00	22.04 0.10 0.00	22.11 -0.17 0.00	21.63 -0.31 0.00	24.28 -0.29 0.00	31.33 -0.23 0.00	29.19 -0.37 0.00	24.27 -0.44 0.00	20.05 -0.61 0.00	17.28 -0.65 0.00	18.62 -0.54 0.00	18.63 -0.37 0.00	16.01 -0.40 0.00
HOLTSVILLE_IC_1 23690	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.99 1.32 -35.39	35.05 1.62 -11.48	33.54 1.82 -7.15	33.56 1.99 -0.01	53.80 2.06 -22.17	49.70 1.81 -23.18	100.03 1.55 -77.82	89.88 1.28 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.92 1.18 -28.34
HOLTSVILLE_IC_10 23699	15.89 1.06 0.00	18.40 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.29 0.87 0.00	20.42 1.09 0.00	23.29 1.36 0.00	22.24 1.44 0.00	23.70 1.50 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.60 1.66 0.00	59.06 1.39 -35.39	35.14 1.71 -11.48	33.65 1.93 -7.15	33.69 2.12 -0.01	53.94 2.21 -22.17	49.83 1.95 -23.18	100.14 1.66 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.12 1.45 -17.68	46.00 1.25 -28.34
HOLTSVILLE_IC_2 23691	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.99 1.32 -35.39	35.05 1.62 -11.48	33.54 1.82 -7.15	33.56 1.99 -0.01	53.80 2.06 -22.17	49.70 1.81 -23.18	100.03 1.55 -77.82	89.88 1.28 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.92 1.18 -28.34
HOLTSVILLE_IC_3 23692	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.99 1.32 -35.39	35.05 1.62 -11.48	33.54 1.82 -7.15	33.56 1.99 -0.01	53.80 2.06 -22.17	49.70 1.81 -23.18	100.03 1.55 -77.82	89.88 1.28 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.92 1.18 -28.34

HOLTSVILLE_IC_4 23693	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.99 1.32 -35.39	35.05 1.62 -11.48	33.54 1.82 -7.15	33.56 1.99 -0.01	53.80 2.06 -22.17	49.70 1.81 -23.18	100.03 1.55 -77.82	89.88 1.28 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.92 1.18 -28.34
HOLTSVILLE_IC_5 23694	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.99 1.32 -35.39	35.05 1.62 -11.48	33.54 1.82 -7.15	33.56 1.99 -0.01	53.80 2.06 -22.17	49.70 1.81 -23.18	100.03 1.55 -77.82	89.88 1.28 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.92 1.18 -28.34
HOLTSVILLE_IC_6 23695	15.89 1.06 0.00	18.40 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.29 0.87 0.00	20.42 1.09 0.00	23.29 1.36 0.00	22.24 1.44 0.00	23.70 1.50 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.60 1.66 0.00	59.06 1.39 -35.39	35.14 1.71 -11.48	33.65 1.93 -7.15	33.69 2.12 -0.01	53.94 2.21 -22.17	49.83 1.95 -23.18	100.14 1.66 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.12 1.45 -17.68	46.00 1.25 -28.34
HOLTSVILLE_IC_7 23696	15.89 1.06 0.00	18.40 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.29 0.87 0.00	20.42 1.09 0.00	23.29 1.36 0.00	22.24 1.44 0.00	23.70 1.50 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.60 1.66 0.00	59.06 1.39 -35.39	35.14 1.71 -11.48	33.65 1.93 -7.15	33.69 2.12 -0.01	53.94 2.21 -22.17	49.83 1.95 -23.18	100.14 1.66 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.12 1.45 -17.68	46.00 1.25 -28.34
HOLTSVILLE_IC_8 23697	15.89 1.06 0.00	18.40 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.29 0.87 0.00	20.42 1.09 0.00	23.29 1.36 0.00	22.24 1.44 0.00	23.70 1.50 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.60 1.66 0.00	59.06 1.39 -35.39	35.14 1.71 -11.48	33.65 1.93 -7.15	33.69 2.12 -0.01	53.94 2.21 -22.17	49.83 1.95 -23.18	100.14 1.66 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.12 1.45 -17.68	46.00 1.25 -28.34
HOLTSVILLE_IC_9 23698	15.89 1.06 0.00	18.40 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.29 0.87 0.00	20.42 1.09 0.00	23.29 1.36 0.00	22.24 1.44 0.00	23.70 1.50 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.60 1.66 0.00	59.06 1.39 -35.39	35.14 1.71 -11.48	33.65 1.93 -7.15	33.69 2.12 -0.01	53.94 2.21 -22.17	49.83 1.95 -23.18	100.14 1.66 -77.82	89.97 1.37 -70.68	54.97 1.46 -34.35	38.12 1.45 -17.68	46.00 1.25 -28.34
HOMER_HL_115KV_TB2 355744	14.82 -0.01 0.00	17.31 -0.08 0.00	17.05 -0.06 0.00	15.79 -0.06 0.00	14.49 0.00 0.00	15.67 0.25 0.00	19.80 0.48 0.00	22.33 0.40 0.00	21.17 0.37 0.00	22.88 0.68 0.00	21.06 0.61 0.00	21.73 0.50 0.00	22.52 0.59 0.00	22.61 0.33 0.00	22.09 0.15 0.00	24.83 0.26 0.00	32.10 0.54 0.00	29.86 0.30 0.00	24.81 0.10 0.00	20.51 -0.15 0.00	17.77 -0.16 0.00	19.11 -0.05 0.00	19.16 0.17 0.00	16.44 0.03 0.00
HOWARD_WT_PWR 323690	14.84 0.01 0.00	17.37 -0.01 0.00	17.17 0.05 0.00	15.80 -0.05 0.00	14.52 0.03 0.00	15.52 0.10 0.00	19.60 0.27 0.00	22.21 0.28 0.00	21.06 0.25 0.00	22.70 0.49 0.00	20.76 0.31 0.00	21.54 0.30 0.00	22.33 0.40 0.00	22.52 0.18 -0.07	22.12 0.05 -0.12	24.95 0.19 -0.18	32.55 0.40 -0.59	30.21 0.16 -0.48	25.11 0.14 -0.25	20.64 -0.09 -0.07	17.63 -0.30 0.00	19.02 -0.14 0.00	18.97 -0.03 0.00	16.08 -0.33 0.00
HQ_GEN_CEDARS 23644	14.90 0.06 0.00	17.50 0.11 0.00	17.24 0.12 0.00	15.97 0.11 0.00	14.62 0.13 0.00	15.67 0.25 0.00	19.68 0.36 0.00	22.36 0.43 0.00	21.16 0.35 0.00	22.56 0.35 0.00	20.78 0.33 0.00	21.56 0.33 0.00	22.26 0.33 0.00	22.56 0.29 0.00	22.20 0.26 0.00	24.86 0.29 0.00	31.93 0.38 0.00	29.87 0.30 0.00	24.94 0.24 0.00	20.79 0.13 0.00	18.01 0.08 0.00	19.32 0.16 0.00	19.15 0.16 0.00	16.49 0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	14.90 0.06 0.00	17.50 0.11 0.00	17.24 0.12 0.00	15.97 0.12 0.00	14.62 0.13 0.00	15.67 0.25 0.00	19.68 0.36 0.00	22.36 0.43 0.00	21.16 0.35 0.00	22.56 0.35 0.00	20.78 0.33 0.00	21.56 0.33 0.00	22.26 0.33 0.00	22.56 0.29 0.00	22.20 0.26 0.00	24.86 0.29 0.00	31.93 0.37 0.00	29.87 0.31 0.00	24.94 0.24 0.00	20.79 0.13 0.00	18.01 0.08 0.00	19.32 0.16 0.00	19.15 0.16 0.00	16.60 0.08 -0.11
HQ_GEN_IMPORT 323601	14.76 -0.07 0.00	17.33 -0.06 0.00	17.07 -0.05 0.00	15.80 -0.05 0.00	14.45 -0.04 0.00	15.43 0.01 0.00	18.94 0.02 0.42	21.98 0.04 0.00	20.82 0.02 0.00	22.22 0.02 0.00	20.47 0.02 0.00	21.25 0.01 0.00	21.94 0.01 0.00	22.27 -0.01 0.00	21.92 -0.02 0.00	24.55 -0.03 0.00	31.54 -0.02 0.00	29.54 -0.02 0.00	24.69 -0.02 0.00	20.61 -0.04 0.00	17.87 -0.06 0.00	19.11 -0.05 0.00	18.94 -0.05 0.00	16.67 -0.07 -0.33
HQ_GEN_WHEEL 23651	14.76 -0.07 0.00	17.33 -0.06 0.00	17.07 -0.05 0.00	15.80 -0.05 0.00	14.45 -0.04 0.00	15.43 0.01 0.00	18.94 0.02 0.42	21.98 0.04 0.00	20.82 0.02 0.00	22.22 0.02 0.00	20.47 0.02 0.00	21.25 0.01 0.00	21.94 0.01 0.00	22.27 -0.01 0.00	21.92 -0.02 0.00	24.55 -0.03 0.00	31.54 -0.02 0.00	29.54 -0.02 0.00	24.69 -0.02 0.00	20.61 -0.04 0.00	17.87 -0.06 0.00	19.11 -0.05 0.00	18.94 -0.05 0.00	16.67 -0.07 -0.33
HUDSON_AVE_GT_3 23810	15.55 0.72 0.00	18.06 0.68 0.00	17.79 0.67 0.00	16.49 0.63 0.00	15.05 0.56 0.00	15.93 0.52 0.00	20.01 0.69 0.00	22.83 0.90 0.00	21.80 1.00 0.00	23.31 1.10 0.00	21.48 1.03 0.00	22.41 1.17 0.00	23.30 1.37 0.00	23.77 1.49 0.00	23.51 1.56 0.00	26.31 1.74 0.00	33.60 2.04 0.00	31.55 1.99 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.11 1.18 0.00	20.39 1.23 0.00	20.19 1.19 0.00	17.37 0.96 0.00
HUDSON_AVE_GT_4 23540	15.55 0.72 0.00	18.06 0.68 0.00	17.79 0.67 0.00	16.49 0.63 0.00	15.05 0.56 0.00	15.93 0.52 0.00	20.01 0.69 0.00	22.83 0.90 0.00	21.80 1.00 0.00	23.31 1.10 0.00	21.48 1.03 0.00	22.41 1.17 0.00	23.30 1.37 0.00	23.77 1.49 0.00	23.51 1.56 0.00	26.31 1.74 0.00	33.60 2.04 0.00	31.55 1.99 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.11 1.18 0.00	20.39 1.23 0.00	20.19 1.19 0.00	17.37 0.96 0.00
HUDSON_AVE_GT_5 23657	15.55 0.72 0.00	18.06 0.68 0.00	17.79 0.67 0.00	16.49 0.63 0.00	15.05 0.56 0.00	15.93 0.52 0.00	20.01 0.69 0.00	22.83 0.90 0.00	21.80 1.00 0.00	23.31 1.10 0.00	21.48 1.03 0.00	22.41 1.17 0.00	23.30 1.37 0.00	23.77 1.49 0.00	23.51 1.56 0.00	26.31 1.74 0.00	33.60 2.04 0.00	31.55 1.99 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.11 1.18 0.00	20.39 1.23 0.00	20.19 1.19 0.00	17.37 0.96 0.00

HUDSON_AVE_10 24168	15.50 0.66 0.00	18.00 0.62 0.00	17.74 0.62 0.00	16.44 0.59 0.00	15.00 0.52 0.00	15.90 0.48 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.73 0.93 0.00	23.22 1.02 0.00	21.40 0.95 0.01	22.33 1.09 0.00	23.21 1.28 0.01	23.68 1.41 0.00	23.43 1.48 0.00	26.21 1.64 0.00	33.48 1.93 0.00	31.43 1.87 0.00	26.26 1.55 0.00	21.99 1.33 0.00	19.05 1.12 0.00	20.32 1.16 0.00	20.14 1.15 0.00	17.32 0.92 0.00
HUDSON___115KV_TB 4 355613	15.42 0.58 0.00	18.08 0.70 0.00	17.81 0.69 0.00	16.50 0.65 0.00	15.03 0.55 0.00	15.91 0.49 0.00	19.84 0.52 0.00	22.57 0.63 0.00	21.39 0.59 0.00	22.78 0.58 0.00	20.90 0.45 0.00	21.72 0.48 0.00	22.45 0.52 0.00	22.92 0.64 0.00	22.59 0.64 0.00	25.33 0.75 0.00	32.50 0.94 0.00	30.44 0.88 0.00	25.50 0.79 0.00	21.49 0.84 0.00	18.72 0.80 0.00	19.97 0.82 0.00	19.76 0.76 0.00	17.00 0.60 0.00
HUNTER MOUNT___DRP 323613	15.49 0.66 0.00	18.19 0.81 0.00	17.91 0.79 0.00	16.60 0.75 0.00	15.13 0.64 0.00	16.01 0.59 0.00	19.97 0.64 0.00	22.70 0.77 0.00	21.48 0.68 0.00	22.87 0.66 0.00	20.93 0.49 0.00	21.76 0.52 0.00	22.48 0.55 0.00	22.95 0.67 0.00	22.59 0.64 0.00	25.35 0.77 0.00	32.59 1.04 0.00	30.49 0.92 0.00	25.56 0.85 0.00	21.57 0.91 0.00	18.81 0.88 0.00	20.06 0.91 0.00	19.83 0.84 0.00	17.06 0.65 0.00
HUNTINGTON_RES_REC 323705	15.73 0.90 0.00	18.24 0.86 0.00	17.94 0.82 0.00	16.63 0.78 0.00	15.19 0.70 0.00	16.13 0.71 0.00	20.20 0.87 0.00	23.04 1.11 0.00	22.00 1.20 0.00	23.48 1.28 0.00	21.78 1.33 0.00	22.53 1.29 0.00	23.43 1.49 0.00	59.02 1.36 -35.39	35.07 1.64 -11.48	33.50 1.78 -7.15	33.57 2.01 -0.01	53.81 2.08 -22.17	49.70 1.82 -23.18	100.03 1.56 -77.82	89.90 1.30 -70.68	54.86 1.35 -34.35	38.02 1.36 -17.68	45.88 1.14 -28.34
HUNTLEY___63 23557	14.59 -0.24 0.00	17.13 -0.26 0.00	16.87 -0.25 0.00	15.59 -0.26 0.00	14.36 -0.13 0.00	15.63 0.21 0.00	19.73 0.40 0.00	21.96 0.03 0.00	20.44 -0.36 0.00	22.17 -0.03 0.00	20.41 -0.04 0.00	21.15 -0.09 0.00	21.84 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.62 0.00	28.88 -0.69 0.00	23.96 -0.74 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.52 -0.47 0.00	16.03 -0.38 0.00
HUNTLEY___64 23558	14.59 -0.24 0.00	17.13 -0.26 0.00	16.87 -0.25 0.00	15.59 -0.26 0.00	14.36 -0.13 0.00	15.63 0.21 0.00	19.73 0.40 0.00	21.96 0.03 0.00	20.44 -0.36 0.00	22.17 -0.03 0.00	20.41 -0.04 0.00	21.15 -0.09 0.00	21.84 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.62 0.00	28.88 -0.69 0.00	23.96 -0.74 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.52 -0.47 0.00	16.03 -0.38 0.00
HUNTLEY___65 23559	14.59 -0.24 0.00	17.13 -0.26 0.00	16.87 -0.25 0.00	15.59 -0.26 0.00	14.36 -0.13 0.00	15.63 0.21 0.00	19.73 0.40 0.00	21.96 0.03 0.00	20.44 -0.36 0.00	22.17 -0.03 0.00	20.41 -0.04 0.00	21.15 -0.09 0.00	21.84 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.62 0.00	28.88 -0.69 0.00	23.96 -0.74 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.52 -0.47 0.00	16.03 -0.38 0.00
HUNTLEY___66 23560	14.59 -0.24 0.00	17.13 -0.26 0.00	16.87 -0.25 0.00	15.59 -0.26 0.00	14.36 -0.13 0.00	15.63 0.21 0.00	19.73 0.40 0.00	21.96 0.03 0.00	20.44 -0.36 0.00	22.17 -0.03 0.00	20.41 -0.04 0.00	21.15 -0.09 0.00	21.84 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.62 0.00	28.88 -0.69 0.00	23.96 -0.74 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.52 -0.47 0.00	16.03 -0.38 0.00
HUNTLEY___67 23561	14.54 -0.30 0.00	17.07 -0.31 0.00	16.81 -0.31 0.00	15.53 -0.32 0.00	14.30 -0.19 0.00	15.55 0.13 0.00	19.60 0.27 0.00	21.89 -0.05 0.00	20.44 -0.36 0.00	22.13 -0.07 0.00	20.39 -0.06 0.00	21.12 -0.11 0.00	21.84 -0.09 0.00	21.89 -0.39 0.00	21.38 -0.57 0.00	23.98 -0.59 0.00	30.97 -0.58 0.00	28.90 -0.66 0.00	23.97 -0.73 0.00	19.78 -0.88 0.00	17.07 -0.85 0.00	18.45 -0.70 0.00	18.48 -0.51 0.00	15.98 -0.43 0.00
HUNTLEY___68 23562	14.54 -0.30 0.00	17.07 -0.31 0.00	16.81 -0.31 0.00	15.53 -0.32 0.00	14.30 -0.19 0.00	15.55 0.13 0.00	19.60 0.27 0.00	21.89 -0.05 0.00	20.44 -0.36 0.00	22.13 -0.07 0.00	20.39 -0.06 0.00	21.12 -0.11 0.00	21.84 -0.09 0.00	21.89 -0.39 0.00	21.38 -0.57 0.00	23.98 -0.59 0.00	30.97 -0.58 0.00	28.90 -0.66 0.00	23.97 -0.73 0.00	19.78 -0.88 0.00	17.07 -0.85 0.00	18.45 -0.70 0.00	18.48 -0.51 0.00	15.98 -0.43 0.00
HYLAND___LFGE 323620	15.23 0.40 0.00	17.83 0.45 0.00	17.56 0.44 0.00	16.23 0.38 0.00	14.91 0.43 0.00	16.11 0.69 0.00	20.39 1.07 0.00	22.73 0.80 0.00	21.03 0.23 0.00	22.63 0.42 0.00	20.79 0.34 0.00	21.54 0.30 0.00	22.30 0.37 0.00	22.44 0.17 0.00	21.99 0.04 0.00	24.72 0.14 0.00	31.89 0.34 0.00	29.80 0.23 0.00	24.98 0.27 0.00	21.03 0.37 0.00	18.30 0.37 0.00	19.73 0.57 0.00	19.60 0.61 0.00	16.79 0.39 0.00
INDECK___CORINTH 23802	15.90 1.06 0.00	18.59 1.20 0.00	18.31 1.19 0.00	16.97 1.12 0.00	15.50 1.01 0.00	16.49 1.07 0.00	20.76 1.43 0.00	23.54 1.61 0.00	22.27 1.47 0.00	23.76 1.56 0.00	21.80 1.36 0.00	22.64 1.40 0.00	23.29 1.36 0.00	23.58 1.31 0.00	23.20 1.26 0.00	26.00 1.42 0.00	33.48 1.92 0.00	31.55 1.99 0.00	26.62 1.92 0.00	22.35 1.69 0.00	19.50 1.58 0.00	20.84 1.68 0.00	20.63 1.64 0.00	17.65 1.24 0.00
INDECK___ILION 23567	14.84 0.01 0.00	17.40 0.02 0.00	17.14 0.02 0.00	15.87 0.02 0.00	14.46 -0.03 0.00	15.34 -0.08 0.00	19.23 -0.09 0.00	21.86 -0.08 0.00	20.75 -0.06 0.00	22.10 -0.10 0.00	20.32 -0.13 0.00	21.09 -0.15 0.00	21.77 -0.16 0.00	22.14 -0.13 0.00	21.86 -0.09 0.00	24.48 -0.10 0.00	31.40 -0.15 0.00	29.50 -0.06 0.00	24.70 -0.01 0.00	20.75 0.09 0.00	18.06 0.13 0.00	19.26 0.10 0.00	19.07 0.08 0.00	16.44 0.03 0.00
INDECK___OLEAN 23982	14.82 -0.01 0.00	17.07 -0.08 0.00	17.01 -0.06 0.00	15.76 -0.06 0.00	14.49 0.00 0.00	15.37 0.25 0.30	19.27 0.48 0.53	22.33 0.40 0.00	21.17 0.37 0.00	22.88 0.67 0.00	21.06 0.61 0.00	21.73 0.50 0.00	22.52 0.59 0.00	22.61 0.34 0.00	22.10 0.15 0.00	24.83 0.26 0.00	32.10 0.54 0.00	29.86 0.30 0.00	24.81 0.10 0.00	20.51 -0.14 0.00	17.76 -0.16 0.00	19.11 -0.05 0.00	19.16 0.17 0.00	16.45 0.04 0.00
INDECK___OSWEGO 23783	14.57 -0.26 0.00	17.08 -0.31 0.00	16.81 -0.31 0.00	15.56 -0.29 0.00	14.24 -0.25 0.00	15.17 -0.25 0.00	19.00 -0.32 0.00	21.48 -0.45 0.00	20.36 -0.44 0.00	21.73 -0.48 0.00	20.01 -0.44 0.00	20.76 -0.48 0.00	21.38 -0.55 0.00	22.37 -0.60 -0.68	22.61 -0.60 -1.27	25.74 -0.68 -1.84	36.76 -0.79 -5.99	33.73 -0.72 -4.89	26.70 -0.60 -2.59	20.89 -0.53 -0.76	17.48 -0.45 -0.01	18.72 -0.49 -0.05	18.50 -0.49 0.00	16.05 -0.35 0.00



INDECK___YERKES 23781	14.58 -0.25 0.00	16.96 -0.26 0.16	16.83 -0.26 0.03	15.56 -0.27 0.03	14.35 -0.13 0.00	15.42 0.21 0.21	19.36 0.39 0.36	21.95 0.02 0.00	20.44 -0.36 0.00	22.16 -0.05 0.00	20.41 -0.04 0.00	21.14 -0.10 0.00	21.83 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.61 0.00	28.87 -0.69 0.00	23.96 -0.75 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.53 -0.46 0.00	16.03 -0.38 0.00
INDIAN POINT_GT_1 24139	15.44 0.60 0.00	17.95 0.56 0.00	17.67 0.55 0.00	16.37 0.52 0.00	14.94 0.45 0.00	15.83 0.41 0.00	19.86 0.53 0.00	22.66 0.73 0.00	21.62 0.82 0.00	23.10 0.90 0.00	21.29 0.84 0.00	22.19 0.95 0.00	23.06 1.13 0.00	23.52 1.25 0.00	23.25 1.31 0.00	26.04 1.46 0.00	33.28 1.73 0.00	31.23 1.67 0.00	26.10 1.40 0.00	21.86 1.20 0.00	18.96 1.03 0.00	20.22 1.07 0.00	20.02 1.03 0.00	17.23 0.83 0.00
INDIAN POINT_GT_2 23659	15.44 0.60 0.00	17.95 0.56 0.00	17.67 0.55 0.00	16.37 0.52 0.00	14.94 0.45 0.00	15.83 0.41 0.00	19.86 0.53 0.00	22.66 0.73 0.00	21.62 0.82 0.00	23.10 0.90 0.00	21.29 0.84 0.00	22.19 0.95 0.00	23.06 1.13 0.00	23.52 1.25 0.00	23.25 1.31 0.00	26.04 1.46 0.00	33.28 1.73 0.00	31.23 1.67 0.00	26.10 1.40 0.00	21.86 1.20 0.00	18.96 1.03 0.00	20.22 1.07 0.00	20.02 1.03 0.00	17.23 0.83 0.00
INDIAN POINT_GT_3 24019	15.44 0.60 0.00	17.95 0.56 0.00	17.67 0.55 0.00	16.37 0.52 0.00	14.94 0.45 0.00	15.83 0.41 0.00	19.86 0.53 0.00	22.66 0.73 0.00	21.62 0.82 0.00	23.10 0.90 0.00	21.29 0.84 0.00	22.19 0.95 0.00	23.06 1.13 0.00	23.52 1.25 0.00	23.25 1.31 0.00	26.04 1.46 0.00	33.28 1.73 0.00	31.23 1.67 0.00	26.10 1.40 0.00	21.86 1.20 0.00	18.96 1.03 0.00	20.22 1.07 0.00	20.02 1.03 0.00	17.23 0.83 0.00
INDIAN POINT___2 23530	15.42 0.58 0.00	17.92 0.53 0.00	17.64 0.52 0.00	16.35 0.50 0.00	14.92 0.43 0.00	15.81 0.39 0.00	19.84 0.51 0.00	22.63 0.70 0.00	21.60 0.80 0.00	23.07 0.87 0.00	21.27 0.82 0.00	22.17 0.93 0.00	23.04 1.11 0.00	23.50 1.22 0.00	23.24 1.29 0.00	26.02 1.44 0.00	33.26 1.71 0.00	31.21 1.65 0.00	26.08 1.37 0.00	21.84 1.18 0.00	18.94 1.01 0.00	20.20 1.05 0.00	20.00 1.01 0.00	17.22 0.81 0.00
INDIAN POINT___3 23531	15.43 0.59 0.00	17.93 0.54 0.00	17.66 0.54 0.00	16.36 0.51 0.00	14.93 0.45 0.00	15.82 0.40 0.00	19.85 0.52 0.00	22.64 0.71 0.00	21.61 0.81 0.00	23.08 0.88 0.00	21.27 0.82 0.00	22.18 0.94 0.00	23.05 1.11 0.00	23.50 1.23 0.00	23.24 1.29 0.00	26.01 1.44 0.00	33.25 1.70 0.00	31.21 1.65 0.00	26.08 1.37 0.00	21.84 1.18 0.00	18.94 1.01 0.00	20.21 1.05 0.00	20.01 1.02 0.00	17.22 0.81 0.00
INGHAM_C_115KV_TB7 356103	14.75 -0.08 0.00	17.33 -0.06 0.00	17.06 -0.06 0.00	15.80 -0.05 0.00	14.35 -0.14 0.00	15.17 -0.25 0.00	19.00 -0.32 0.00	21.64 -0.29 0.00	20.56 -0.25 0.00	21.85 -0.36 0.00	20.03 -0.42 0.00	20.79 -0.45 0.00	21.45 -0.49 0.00	21.85 -0.42 0.00	21.64 -0.31 0.00	24.21 -0.37 0.00	31.00 -0.55 0.00	29.24 -0.32 0.00	24.55 -0.15 0.00	20.73 0.07 0.00	18.12 0.19 0.00	19.28 0.12 0.00	19.07 0.08 0.00	16.39 -0.02 0.00
IP CORINTH___1 23988	15.90 1.06 0.00	18.59 1.20 0.00	18.31 1.19 0.00	16.97 1.12 0.00	15.50 1.01 0.00	16.49 1.07 0.00	20.76 1.43 0.00	23.54 1.61 0.00	22.27 1.47 0.00	23.76 1.56 0.00	21.81 1.36 0.00	22.64 1.40 0.00	23.29 1.36 0.00	23.58 1.31 0.00	23.20 1.26 0.00	26.00 1.42 0.00	33.48 1.92 0.00	31.55 1.99 0.00	26.62 1.91 0.00	22.35 1.69 0.00	19.50 1.58 0.00	20.84 1.68 0.00	20.63 1.64 0.00	17.65 1.24 0.00
IP___TICONDEROGA 23804	16.67 1.84 0.00	19.37 1.99 0.00	19.16 2.04 0.00	17.77 1.92 0.00	16.29 1.81 0.00	17.45 2.04 0.00	22.14 2.82 0.00	24.88 2.95 0.00	23.37 2.57 0.00	25.02 2.82 0.00	22.88 2.43 0.00	23.74 2.50 0.00	24.12 2.20 0.00	24.37 2.09 0.00	24.05 2.10 0.00	27.07 2.49 0.00	34.95 3.40 0.00	32.95 3.39 0.00	27.84 3.14 0.00	23.48 2.83 0.00	20.74 2.82 0.00	22.10 2.94 0.00	21.84 2.84 0.00	18.53 2.13 0.00
ISLIP_RES_REC 323679	15.94 1.10 0.00	18.46 1.07 0.00	18.17 1.05 0.00	16.83 0.98 0.00	15.38 0.90 0.00	16.34 0.92 0.00	20.49 1.16 0.00	23.38 1.44 0.00	22.33 1.53 0.00	23.80 1.60 0.00	22.05 1.61 0.00	22.79 1.55 0.00	23.69 1.76 0.00	59.15 1.48 -35.39	35.25 1.82 -11.48	33.77 2.05 -7.15	33.84 2.27 -0.01	54.09 2.36 -22.17	49.96 2.08 -23.18	100.25 1.77 -77.82	90.06 1.46 -70.68	55.06 1.55 -34.35	38.21 1.54 -17.68	46.06 1.31 -28.34
JAMAICA__27_KV_LOAD 355505	15.60 0.77 0.00	18.12 0.73 0.00	17.87 0.75 0.00	16.58 0.73 0.00	15.12 0.64 0.00	16.04 0.62 0.00	20.13 0.81 0.00	22.97 1.04 0.00	21.85 1.05 0.00	23.33 1.12 0.00	21.48 1.04 0.01	22.44 1.20 0.00	23.29 1.36 0.01	23.77 1.49 0.00	23.50 1.56 0.00	26.29 1.72 0.00	33.60 2.04 0.00	31.54 1.98 0.00	26.36 1.65 0.00	22.08 1.42 0.00	19.12 1.19 0.00	20.41 1.26 0.00	20.30 1.31 0.00	17.44 1.03 0.00
JANIS___SOLAR 323808	15.34 0.51 0.00	18.00 0.57 -0.04	17.69 0.56 -0.01	16.36 0.50 -0.01	14.98 0.49 0.00	16.08 0.60 -0.06	20.27 0.85 -0.10	22.74 0.81 0.00	21.38 0.58 0.00	22.70 0.49 0.00	20.80 0.35 0.00	21.50 0.26 0.00	22.23 0.30 0.00	22.72 0.30 -0.14	22.41 0.20 -0.26	25.24 0.29 -0.38	33.41 0.61 -1.24	31.43 0.85 -1.02	26.11 0.86 -0.54	21.62 0.80 -0.16	18.66 0.73 0.00	19.94 0.77 -0.01	19.75 0.76 0.00	16.99 0.58 0.00
JARVIS____ 23743	14.85 0.02 0.00	17.40 0.02 0.00	17.13 0.02 0.00	15.87 0.02 0.00	14.50 0.01 0.00	15.42 0.00 0.00	19.33 0.00 0.00	21.92 -0.01 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.44 -0.01 0.00	21.22 -0.01 0.00	21.92 -0.02 0.00	22.27 -0.01 0.00	21.95 0.00 0.00	24.58 0.00 0.00	31.55 0.00 0.00	29.56 0.00 0.00	24.71 0.00 0.00	20.68 0.02 0.00	17.96 0.04 0.00	19.17 0.02 0.00	19.01 0.02 0.00	16.42 0.02 0.00
JENNISON___1 23625	15.43 0.60 0.00	18.06 0.67 0.00	17.79 0.67 0.00	16.45 0.60 0.00	15.06 0.57 0.00	16.09 0.67 0.00	20.28 0.95 0.00	22.87 0.94 0.00	21.60 0.79 0.00	23.01 0.81 0.00	21.14 0.69 0.00	21.90 0.66 0.00	22.68 0.75 0.00	23.09 0.71 -0.10	22.77 0.63 -0.19	25.66 0.81 -0.28	33.62 1.16 -0.90	31.50 1.20 -0.73	26.17 1.07 -0.39	21.70 0.92 -0.11	18.74 0.81 0.00	20.03 0.87 -0.01	19.85 0.86 0.00	17.06 0.66 0.00
JENNISON___2 23626	15.43 0.60 0.00	18.06 0.67 0.00	17.79 0.67 0.00	16.45 0.60 0.00	15.06 0.57 0.00	16.09 0.67 0.00	20.28 0.95 0.00	22.87 0.94 0.00	21.60 0.79 0.00	23.01 0.81 0.00	21.14 0.69 0.00	21.90 0.66 0.00	22.68 0.75 0.00	23.09 0.71 -0.10	22.77 0.63 -0.19	25.66 0.81 -0.28	33.62 1.16 -0.90	31.50 1.20 -0.73	26.17 1.07 -0.39	21.70 0.92 -0.11	18.74 0.81 0.00	20.03 0.87 -0.01	19.85 0.86 0.00	17.06 0.66 0.00

JERICO_RISE_WT_PWR 323719	15.26 0.42 0.00	17.82 0.43 0.00	17.58 0.46 0.00	16.31 0.46 0.00	14.92 0.43 0.00	15.94 0.52 0.00	20.06 0.73 0.00	22.82 0.89 0.00	21.59 0.79 0.00	23.09 0.88 0.00	21.14 0.69 0.00	21.88 0.64 0.00	22.53 0.60 0.00	22.92 0.65 0.00	22.59 0.64 0.00	25.22 0.64 0.00	32.32 0.77 0.00	30.40 0.84 0.00	25.46 0.75 0.00	21.17 0.51 0.00	18.28 0.35 0.00	19.46 0.30 0.00	19.30 0.31 0.00	16.58 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	15.52 0.69 0.00	18.04 0.66 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.93 0.51 0.00	20.01 0.68 0.00	22.84 0.91 0.00	21.79 0.99 0.00	23.26 1.05 0.00	21.43 0.98 0.00	22.33 1.09 0.00	23.19 1.26 0.00	23.65 1.38 0.00	23.38 1.44 0.00	26.19 1.62 0.00	33.47 1.92 0.00	31.43 1.87 0.00	26.26 1.55 0.00	22.00 1.34 0.00	19.08 1.16 0.00	20.35 1.20 0.00	20.14 1.15 0.00	17.32 0.91 0.00
KCE_NY_1 323755	15.68 0.84 0.00	18.38 1.00 0.00	18.08 0.97 0.00	16.75 0.90 0.00	15.28 0.79 0.00	16.24 0.82 0.00	20.39 1.07 0.00	23.17 1.24 0.00	21.97 1.16 0.00	23.39 1.19 0.00	21.47 1.02 0.00	22.35 1.11 0.00	23.05 1.12 0.00	23.44 1.17 0.00	23.12 1.18 0.00	25.90 1.32 0.00	33.26 1.70 0.00	31.18 1.62 0.00	26.16 1.45 0.00	21.97 1.31 0.00	19.15 1.23 0.00	20.44 1.29 0.00	20.24 1.24 0.00	17.39 0.98 0.00
KCE_NY_6_ESR 323823	14.68 -0.15 0.00	17.05 -0.15 0.18	16.94 -0.15 0.04	15.66 -0.17 0.03	14.43 -0.06 0.00	15.45 0.26 0.23	19.39 0.47 0.40	22.16 0.23 0.00	20.74 -0.06 0.00	22.43 0.23 0.00	20.67 0.22 0.00	21.41 0.17 0.00	22.15 0.22 0.00	22.19 -0.08 0.00	21.69 -0.25 0.00	24.33 -0.25 0.00	31.43 -0.13 0.00	29.30 -0.26 0.00	24.31 -0.40 0.00	20.05 -0.60 0.00	17.32 -0.61 0.00	18.69 -0.46 0.00	18.72 -0.27 0.00	16.15 -0.25 0.00
KEDC_PORT_JEFF_GT2 24210	15.87 1.04 0.00	18.39 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.28 0.86 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.42 0.00	23.68 1.47 0.00	21.94 1.49 0.00	22.68 1.44 0.00	23.57 1.64 0.00	59.05 1.39 -35.39	35.12 1.69 -11.48	33.63 1.90 -7.15	33.66 2.09 -0.01	53.91 2.18 -22.17	49.80 1.92 -23.18	100.11 1.63 -77.82	89.93 1.34 -70.68	54.85 1.34 -34.35	38.10 1.43 -17.68	45.98 1.23 -28.34
KEDC_PORT_JEFF_GT3 24211	15.87 1.04 0.00	18.39 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.28 0.86 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.42 0.00	23.68 1.47 0.00	21.94 1.49 0.00	22.68 1.44 0.00	23.57 1.64 0.00	59.05 1.39 -35.39	35.12 1.69 -11.48	33.63 1.90 -7.15	33.66 2.09 -0.01	53.91 2.18 -22.17	49.80 1.92 -23.18	100.11 1.63 -77.82	89.93 1.34 -70.68	54.85 1.34 -34.35	38.10 1.43 -17.68	45.98 1.23 -28.34
KEDC_GLWD_GT4 24219	15.63 0.80 0.00	18.13 0.75 0.00	17.86 0.74 0.00	16.54 0.69 0.00	15.10 0.62 0.00	16.01 0.59 0.00	20.08 0.75 0.00	22.91 0.98 0.00	21.88 1.08 0.00	23.38 1.17 0.00	21.62 1.17 0.00	22.49 1.25 0.00	23.39 1.46 0.00	59.19 1.53 -35.39	35.12 1.69 -11.48	33.61 1.88 -7.15	33.80 2.24 -0.01	53.92 2.18 -22.17	49.63 1.75 -23.18	99.95 1.47 -77.82	89.92 1.32 -70.68	54.79 1.28 -34.35	38.00 1.34 -17.68	45.83 1.09 -28.34
KEDC_GLWD_GT5 24220	15.63 0.80 0.00	18.13 0.75 0.00	17.86 0.74 0.00	16.54 0.69 0.00	15.10 0.62 0.00	16.01 0.59 0.00	20.08 0.75 0.00	22.91 0.98 0.00	21.88 1.08 0.00	23.38 1.17 0.00	21.62 1.17 0.00	22.49 1.25 0.00	23.39 1.46 0.00	59.19 1.53 -35.39	35.12 1.69 -11.48	33.61 1.88 -7.15	33.80 2.24 -0.01	53.92 2.18 -22.17	49.63 1.75 -23.18	99.95 1.47 -77.82	89.92 1.32 -70.68	54.79 1.28 -34.35	38.00 1.34 -17.68	45.83 1.09 -28.34
KENSICO____ 23655	15.47 0.64 0.00	17.99 0.60 0.00	17.71 0.59 0.00	16.41 0.56 0.00	14.98 0.49 0.00	15.87 0.45 0.00	19.92 0.59 0.00	22.73 0.80 0.00	21.69 0.89 0.00	23.17 0.97 0.00	21.36 0.91 0.00	22.26 1.02 0.00	23.14 1.20 0.00	23.59 1.32 0.00	23.32 1.38 0.00	26.11 1.54 0.00	33.37 1.81 0.00	31.32 1.76 0.00	26.16 1.46 0.00	21.92 1.26 0.00	19.00 1.08 0.00	20.27 1.11 0.00	20.07 1.08 0.00	17.27 0.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.40 0.57 0.00	17.92 0.53 0.00	17.63 0.52 0.00	16.32 0.46 0.00	14.92 0.43 0.00	15.83 0.41 0.00	19.85 0.53 0.00	22.69 0.76 0.00	21.59 0.79 0.00	22.97 0.77 0.00	21.12 0.67 0.00	22.03 0.79 0.00	22.90 0.97 0.00	23.38 1.11 0.00	23.13 1.18 0.00	25.96 1.38 0.00	33.26 1.70 0.00	31.23 1.67 0.00	26.16 1.45 0.00	21.91 1.25 0.00	19.04 1.11 0.00	20.27 1.11 0.00	20.06 1.07 0.00	17.24 0.83 0.00
KIAC_JFK_GT1 23816	15.51 0.68 0.00	18.02 0.63 0.00	17.77 0.66 0.00	16.49 0.64 0.00	15.04 0.56 0.00	15.95 0.53 0.00	20.01 0.68 0.00	22.83 0.90 0.00	21.72 0.92 0.00	23.19 0.99 0.00	21.36 0.91 0.01	22.31 1.07 0.00	23.15 1.23 0.01	23.63 1.36 0.00	23.34 1.40 0.00	26.05 1.47 0.00	33.27 1.71 0.00	31.24 1.68 0.00	26.10 1.39 0.00	21.86 1.20 0.00	18.94 1.01 0.00	20.22 1.07 0.00	20.18 1.18 0.00	17.34 0.93 0.00
KIAC_JFK_GT2 23817	15.51 0.68 0.00	18.02 0.63 0.00	17.77 0.66 0.00	16.49 0.64 0.00	15.04 0.56 0.00	15.95 0.53 0.00	20.01 0.68 0.00	22.83 0.90 0.00	21.72 0.92 0.00	23.19 0.99 0.00	21.36 0.91 0.01	22.31 1.07 0.00	23.15 1.23 0.01	23.63 1.36 0.00	23.34 1.40 0.00	26.05 1.47 0.00	33.27 1.71 0.00	31.24 1.68 0.00	26.10 1.39 0.00	21.86 1.20 0.00	18.94 1.01 0.00	20.22 1.07 0.00	20.18 1.18 0.00	17.34 0.93 0.00
KIAC_JFK____ 323774	15.51 0.68 0.00	18.02 0.63 0.00	17.77 0.66 0.00	16.49 0.64 0.00	15.04 0.56 0.00	15.95 0.53 0.00	20.01 0.68 0.00	22.83 0.89 0.00	21.72 0.92 0.00	23.19 0.99 0.00	21.35 0.91 0.01	22.31 1.07 0.00	23.15 1.23 0.01	23.63 1.36 0.00	23.34 1.40 0.00	26.05 1.48 0.00	33.27 1.71 0.00	31.23 1.67 0.00	26.10 1.39 0.00	21.86 1.20 0.00	18.93 1.01 0.00	20.22 1.07 0.00	20.17 1.18 0.00	17.33 0.92 0.00
KINTIGH____ 23543	14.52 -0.31 0.00	17.04 -0.35 0.00	16.77 -0.35 0.00	15.51 -0.34 0.00	14.26 -0.23 0.00	15.46 0.04 0.00	19.47 0.14 0.00	21.77 -0.16 0.00	20.40 -0.40 0.00	22.05 -0.15 0.00	20.31 -0.14 0.00	21.03 -0.21 0.00	21.73 -0.20 0.00	21.84 -0.43 0.00	21.38 -0.57 0.00	23.97 -0.61 0.00	30.94 -0.61 0.00	28.89 -0.67 0.00	24.00 -0.70 0.00	19.85 -0.81 0.00	17.13 -0.80 0.00	18.47 -0.68 0.00	18.48 -0.51 0.00	15.99 -0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.50 0.67 0.00	18.08 0.70 0.00	17.84 0.72 0.00	16.54 0.69 0.00	15.13 0.65 0.00	16.17 0.75 0.00	20.38 1.05 0.00	23.19 1.26 0.00	21.94 1.13 0.00	23.49 1.29 0.00	21.48 1.03 0.00	22.21 0.97 0.00	22.84 0.91 0.00	23.25 0.97 0.00	22.92 0.97 0.00	25.57 1.00 0.00	32.79 1.23 0.00	30.85 1.29 0.00	25.87 1.16 0.00	21.56 0.91 0.00	18.59 0.66 0.00	19.76 0.60 0.00	19.60 0.61 0.00	16.81 0.41 0.00

LACHUTE____HYDRO 323717	16.67 1.84 0.00	19.37 1.99 0.00	19.16 2.04 0.00	17.77 1.92 0.00	16.29 1.81 0.00	17.45 2.04 0.00	22.14 2.81 0.00	24.88 2.95 0.00	23.37 2.57 0.00	25.02 2.82 0.00	22.88 2.43 0.00	23.74 2.50 0.00	24.13 2.20 0.00	24.37 2.09 0.00	24.05 2.10 0.00	27.07 2.49 0.00	34.96 3.40 0.00	32.94 3.38 0.00	27.84 3.14 0.00	23.48 2.83 0.00	20.74 2.82 0.00	22.10 2.94 0.00	21.84 2.84 0.00	18.53 2.12 0.00
LAWRNCAV_115KV_TB1 80681	14.98 0.14 0.00	17.59 0.21 0.00	17.34 0.22 0.00	16.06 0.21 0.00	14.71 0.22 0.00	15.78 0.36 0.00	19.84 0.51 0.00	22.54 0.61 0.00	21.32 0.52 0.00	22.72 0.52 0.00	20.91 0.46 0.00	21.68 0.44 0.00	22.38 0.45 0.00	22.72 0.40 -0.04	22.38 0.36 -0.08	25.08 0.39 -0.12	32.39 0.45 -0.38	30.13 0.26 -0.31	25.08 0.21 -0.16	20.81 0.11 -0.05	18.00 0.07 0.00	19.40 0.24 0.00	19.25 0.26 0.00	16.54 0.13 0.00
LEDERLE____ 23769	15.49 0.65 0.00	18.00 0.61 0.00	17.72 0.59 0.00	16.41 0.56 0.00	14.98 0.50 0.00	15.88 0.46 0.00	19.93 0.60 0.00	22.74 0.81 0.00	21.72 0.92 0.00	23.21 1.01 0.00	21.39 0.94 0.00	22.32 1.08 0.00	23.20 1.27 0.00	23.67 1.39 0.00	23.41 1.46 0.00	26.22 1.64 0.00	33.54 1.98 0.00	31.47 1.91 0.00	26.29 1.58 0.00	22.00 1.34 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.14 1.15 0.00	17.32 0.91 0.00
LIGHTHSE_115KV_TB6 355974	14.77 -0.06 0.00	17.34 -0.04 0.00	17.07 -0.05 0.00	15.79 -0.06 0.00	14.46 -0.03 0.00	15.44 0.02 0.00	19.38 0.05 0.00	21.86 -0.07 0.00	20.69 -0.11 0.00	22.03 -0.18 0.00	20.25 -0.19 0.00	20.99 -0.25 0.00	21.63 -0.30 0.00	22.27 -0.38 -0.37	22.21 -0.43 -0.69	25.05 -0.53 -1.00	34.34 -0.46 -3.25	31.90 -0.31 -2.65	25.88 -0.23 -1.40	20.85 -0.22 -0.41	17.76 -0.18 -0.01	18.99 -0.19 -0.03	18.73 -0.26 0.00	16.15 -0.26 0.00
LINDEN COGEN____ 23786	15.45 0.62 0.00	17.96 0.58 0.00	17.68 0.57 0.00	16.39 0.55 0.00	14.96 0.47 0.00	15.83 0.41 0.00	19.87 0.55 0.00	22.68 0.75 0.00	21.66 0.86 0.00	23.15 0.94 0.00	21.33 0.88 0.00	22.26 1.02 0.00	23.15 1.22 0.00	23.63 1.36 0.00	23.37 1.43 0.00	26.14 1.57 0.00	33.40 1.85 0.00	31.35 1.79 0.00	26.19 1.49 0.00	21.93 1.27 0.00	18.99 1.07 0.00	20.27 1.12 0.00	20.07 1.08 0.00	17.27 0.87 0.00
LINDHRST_69_KV_BK1 356055	15.83 0.99 0.00	18.34 0.96 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.27 0.79 0.00	16.22 0.80 0.00	20.33 1.00 0.00	23.19 1.26 0.00	22.16 1.36 0.00	23.63 1.42 0.00	21.88 1.43 0.00	22.68 1.44 0.00	23.60 1.67 0.00	59.26 1.60 -35.39	35.28 1.85 -11.48	33.79 2.06 -7.15	33.98 2.41 -0.01	54.19 2.46 -22.17	50.00 2.12 -23.18	100.30 1.82 -77.82	90.13 1.53 -70.68	55.13 1.62 -34.35	38.28 1.61 -17.68	46.07 1.33 -28.34
LIPA_MISC_IPP 23656	15.89 1.05 0.00	18.41 1.02 0.00	18.12 1.00 0.00	16.79 0.94 0.00	15.34 0.85 0.00	16.30 0.88 0.00	20.42 1.09 0.00	23.28 1.36 0.00	22.23 1.43 0.00	23.67 1.47 0.00	21.91 1.46 0.00	22.66 1.41 0.00	23.53 1.60 0.00	58.88 1.21 -35.39	34.97 1.54 -11.48	33.47 1.75 -7.15	33.38 1.82 -0.01	53.66 1.93 -22.17	49.60 1.72 -23.18	99.96 1.49 -77.82	89.80 1.19 -70.68	54.87 1.36 -34.35	37.99 1.32 -17.68	45.93 1.18 -28.34
LISF____SOLAR 323691	15.91 1.08 0.00	18.44 1.05 0.00	18.15 1.03 0.00	16.82 0.97 0.00	15.36 0.87 0.00	16.32 0.90 0.00	20.45 1.13 0.00	23.32 1.39 0.00	22.26 1.46 0.00	23.70 1.49 0.00	21.92 1.48 0.00	22.66 1.41 0.00	23.54 1.61 0.00	58.88 1.21 -35.39	34.99 1.56 -11.48	33.49 1.76 -7.15	33.39 1.83 -0.01	53.68 1.95 -22.17	49.63 1.75 -23.18	99.99 1.52 -77.82	89.82 1.22 -70.68	54.90 1.39 -34.35	38.02 1.35 -17.68	45.96 1.21 -28.34
LITTLE FALLS____HYD 24013	14.75 -0.08 0.00	17.33 -0.06 0.00	17.06 -0.06 0.00	15.80 -0.05 0.00	14.35 -0.14 0.00	15.17 -0.25 0.00	19.00 -0.32 0.00	21.64 -0.29 0.00	20.56 -0.25 0.00	21.85 -0.36 0.00	20.03 -0.42 0.00	20.79 -0.45 0.00	21.45 -0.49 0.00	21.85 -0.42 0.00	21.64 -0.31 0.00	24.21 -0.37 0.00	31.00 -0.55 0.00	29.24 -0.32 0.00	24.55 -0.15 0.00	20.73 0.07 0.00	18.12 0.19 0.00	19.28 0.12 0.00	19.07 0.08 0.00	16.39 -0.02 0.00
LITTLRIV_115KV_TB1 356100	15.12 0.28 0.00	17.75 0.37 0.00	17.49 0.37 0.00	16.21 0.37 0.00	14.85 0.37 0.00	15.96 0.54 0.00	20.09 0.76 0.00	22.82 0.89 0.00	21.57 0.77 0.00	23.00 0.79 0.00	21.16 0.71 0.00	21.96 0.72 0.00	22.66 0.73 0.00	23.01 0.69 -0.05	22.67 0.64 -0.09	25.42 0.72 -0.12	32.87 0.91 -0.41	30.59 0.69 -0.33	25.44 0.56 -0.18	21.11 0.40 -0.05	18.25 0.32 0.00	19.67 0.51 0.00	19.49 0.50 0.00	16.72 0.31 0.00
LI_NEWBRDGE____DRP 323616	15.59 0.75 0.00	18.07 0.69 0.00	17.79 0.67 0.00	16.48 0.63 0.00	15.05 0.56 0.00	15.96 0.54 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.24 1.03 0.00	21.51 1.06 0.00	22.34 1.10 0.00	23.23 1.30 0.00	58.96 1.30 -35.39	34.98 1.55 -11.48	33.45 1.72 -7.15	33.54 1.98 -0.01	53.73 2.00 -22.17	49.57 1.69 -23.18	99.93 1.45 -77.82	89.82 1.22 -70.68	54.81 1.30 -34.35	37.96 1.29 -17.68	45.81 1.06 -28.34
LOCKPORT_115KV_TB60_63_64 80432	14.50 -0.33 0.00	17.01 -0.37 0.00	16.76 -0.36 0.00	15.48 -0.36 0.00	14.27 -0.22 0.00	15.55 0.13 0.00	19.61 0.28 0.00	21.80 -0.13 0.00	20.33 -0.47 0.00	22.07 -0.14 0.00	20.30 -0.14 0.00	21.03 -0.21 0.00	21.72 -0.22 0.00	21.74 -0.54 0.00	21.26 -0.69 0.00	23.84 -0.74 0.00	30.77 -0.79 0.00	28.74 -0.83 0.00	23.84 -0.86 0.00	19.69 -0.97 0.00	16.99 -0.93 0.00	18.40 -0.75 0.00	18.46 -0.53 0.00	15.98 -0.43 0.00
LOCKPORT____CC1 323769	14.51 -0.33 0.00	16.87 -0.36 0.15	16.74 -0.35 0.03	15.46 -0.36 0.02	14.27 -0.21 0.00	15.36 0.13 0.19	19.28 0.28 0.33	21.81 -0.12 0.00	20.34 -0.46 0.00	22.07 -0.14 0.00	20.32 -0.13 0.00	21.04 -0.20 0.00	21.74 -0.20 0.00	21.76 -0.51 0.00	21.28 -0.67 0.00	23.86 -0.71 0.00	30.80 -0.75 0.00	28.76 -0.80 0.00	23.86 -0.85 0.00	19.71 -0.95 0.00	16.99 -0.93 0.00	18.40 -0.75 0.00	18.46 -0.53 0.00	15.99 -0.42 0.00
LOCKPORT____CC2 323770	14.51 -0.33 0.00	16.87 -0.36 0.15	16.74 -0.35 0.03	15.46 -0.36 0.02	14.27 -0.21 0.00	15.36 0.13 0.19	19.28 0.28 0.33	21.81 -0.12 0.00	20.34 -0.46 0.00	22.07 -0.14 0.00	20.32 -0.13 0.00	21.04 -0.20 0.00	21.74 -0.20 0.00	21.76 -0.51 0.00	21.28 -0.67 0.00	23.86 -0.71 0.00	30.80 -0.75 0.00	28.76 -0.80 0.00	23.86 -0.85 0.00	19.71 -0.95 0.00	16.99 -0.93 0.00	18.40 -0.75 0.00	18.46 -0.53 0.00	15.99 -0.42 0.00
LOCKPORT____CC3 323771	14.51 -0.33 0.00	16.87 -0.36 0.15	16.74 -0.35 0.03	15.46 -0.36 0.02	14.27 -0.21 0.00	15.36 0.13 0.19	19.28 0.28 0.33	21.81 -0.12 0.00	20.34 -0.46 0.00	22.07 -0.14 0.00	20.32 -0.13 0.00	21.04 -0.20 0.00	21.74 -0.20 0.00	21.76 -0.51 0.00	21.28 -0.67 0.00	23.86 -0.71 0.00	30.80 -0.75 0.00	28.76 -0.80 0.00	23.86 -0.85 0.00	19.71 -0.95 0.00	16.99 -0.93 0.00	18.40 -0.75 0.00	18.46 -0.53 0.00	15.99 -0.42 0.00

LONG_LAKE_PHOENIX 24014	14.65 -0.18 0.00	17.16 -0.22 0.00	16.89 -0.22 0.00	15.63 -0.22 0.00	14.30 -0.18 0.00	15.25 -0.17 0.00	19.11 -0.21 0.00	21.60 -0.33 0.00	20.47 -0.33 0.00	21.85 -0.35 0.00	20.13 -0.32 0.00	20.89 -0.35 0.00	21.52 -0.41 0.00	22.34 -0.45 -0.52	22.45 -0.46 -0.96	25.47 -0.51 -1.40	35.52 -0.58 -4.55	32.74 -0.53 -3.71	26.23 -0.44 -1.96	20.84 -0.39 -0.58	17.59 -0.35 -0.01	18.82 -0.38 -0.04	18.62 -0.37 0.00	16.16 -0.25 0.00
LOVETT___3 23632	15.41 0.57 0.00	17.90 0.52 0.00	17.62 0.50 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.60 0.67 0.00	21.58 0.78 0.00	23.06 0.85 0.00	21.25 0.80 0.00	22.16 0.92 0.00	23.03 1.10 0.00	23.49 1.21 0.00	23.23 1.28 0.00	26.01 1.43 0.00	33.25 1.70 0.00	31.21 1.65 0.00	26.08 1.37 0.00	21.83 1.17 0.00	18.93 1.00 0.00	20.20 1.04 0.00	20.00 1.01 0.00	17.22 0.81 0.00
LOVETT___4 23642	15.41 0.57 0.00	17.90 0.52 0.00	17.62 0.50 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.60 0.67 0.00	21.58 0.78 0.00	23.06 0.85 0.00	21.25 0.80 0.00	22.16 0.92 0.00	23.03 1.10 0.00	23.49 1.21 0.00	23.23 1.28 0.00	26.01 1.43 0.00	33.25 1.70 0.00	31.21 1.65 0.00	26.08 1.37 0.00	21.83 1.17 0.00	18.93 1.00 0.00	20.20 1.04 0.00	20.00 1.01 0.00	17.22 0.81 0.00
LOVETT___5 23593	15.41 0.57 0.00	17.90 0.52 0.00	17.62 0.50 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.60 0.67 0.00	21.58 0.78 0.00	23.06 0.85 0.00	21.25 0.80 0.00	22.16 0.92 0.00	23.03 1.10 0.00	23.49 1.21 0.00	23.23 1.28 0.00	26.01 1.43 0.00	33.25 1.70 0.00	31.21 1.65 0.00	26.08 1.37 0.00	21.83 1.17 0.00	18.93 1.00 0.00	20.20 1.04 0.00	20.00 1.01 0.00	17.22 0.81 0.00
LOWER RAQUET___HYD 24057	15.01 0.17 0.00	17.62 0.24 0.00	17.37 0.25 0.00	16.09 0.24 0.00	14.73 0.25 0.00	15.82 0.40 0.00	19.89 0.57 0.00	22.60 0.67 0.00	21.37 0.57 0.00	22.78 0.57 0.00	20.95 0.50 0.00	21.72 0.48 0.00	22.41 0.48 0.00	22.76 0.43 -0.05	22.43 0.39 -0.09	25.13 0.42 -0.13	32.47 0.48 -0.44	30.15 0.23 -0.36	25.10 0.21 -0.19	20.81 0.10 -0.06	17.99 0.06 0.00	19.43 0.27 0.00	19.28 0.29 0.00	16.56 0.15 0.00
LOWER___HUDSON 24059	15.43 0.60 0.00	18.12 0.73 0.00	17.84 0.72 0.00	16.53 0.67 0.00	15.05 0.56 0.00	15.94 0.52 0.00	19.95 0.62 0.00	22.69 0.76 0.00	21.55 0.75 0.00	22.95 0.75 0.00	21.11 0.66 0.00	21.97 0.73 0.00	22.65 0.72 0.00	23.11 0.83 0.00	22.78 0.83 0.00	25.49 0.92 0.00	32.62 1.07 0.00	30.50 0.94 0.00	25.55 0.84 0.00	21.49 0.83 0.00	18.73 0.81 0.00	20.01 0.85 0.00	19.83 0.84 0.00	17.07 0.67 0.00
LOWVILLE_115KV_TB2 356335	15.17 0.34 0.00	17.84 0.46 0.00	17.57 0.45 0.00	16.27 0.42 0.00	14.89 0.40 0.00	15.92 0.51 0.00	20.03 0.70 0.00	22.68 0.75 0.00	21.43 0.63 0.00	22.74 0.53 0.00	20.84 0.39 0.00	21.56 0.32 0.00	22.23 0.30 0.00	22.50 0.12 -0.11	22.19 0.03 -0.21	24.93 0.05 -0.30	32.92 0.39 -0.98	30.85 0.49 -0.80	25.65 0.52 -0.42	21.20 0.42 -0.12	18.34 0.41 0.00	19.61 0.44 -0.01	19.27 0.28 0.00	16.42 0.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	15.68 0.85 0.00	18.38 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.29 0.80 0.00	16.24 0.82 0.00	20.38 1.06 0.00	23.16 1.23 0.00	21.95 1.15 0.00	23.39 1.18 0.00	21.49 1.04 0.00	22.36 1.12 0.00	23.05 1.12 0.00	23.45 1.17 0.00	23.13 1.18 0.00	25.90 1.32 0.00	33.25 1.69 0.00	31.18 1.62 0.00	26.16 1.45 0.00	21.97 1.31 0.00	19.15 1.23 0.00	20.45 1.29 0.00	20.24 1.25 0.00	17.39 0.98 0.00
LUTHERNY_35_KV_BK2 355980	15.68 0.84 0.00	18.38 1.00 0.00	18.09 0.97 0.00	16.75 0.90 0.00	15.28 0.80 0.00	16.24 0.82 0.00	20.39 1.07 0.00	23.17 1.24 0.00	21.97 1.17 0.00	23.40 1.19 0.00	21.48 1.03 0.00	22.35 1.12 0.00	23.05 1.12 0.00	23.44 1.17 0.00	23.12 1.18 0.00	25.90 1.33 0.00	33.26 1.71 0.00	31.19 1.63 0.00	26.16 1.45 0.00	21.97 1.31 0.00	19.15 1.23 0.00	20.44 1.29 0.00	20.24 1.25 0.00	17.39 0.98 0.00
LWR___OSWEGATCHIE_HYD 23850	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.21 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.05 0.00
LYONS_FALL_HYD 23570	15.15 0.31 0.00	17.79 0.40 0.00	17.51 0.40 0.00	16.21 0.37 0.00	14.83 0.35 0.00	15.84 0.43 0.00	19.92 0.59 0.00	22.57 0.64 0.00	21.36 0.56 0.00	22.70 0.50 0.00	20.85 0.40 0.00	21.60 0.36 0.00	22.28 0.35 0.00	22.59 0.23 -0.08	22.28 0.18 -0.15	25.02 0.22 -0.22	32.79 0.52 -0.72	30.71 0.57 -0.58	25.56 0.55 -0.31	21.20 0.45 -0.09	18.35 0.42 0.00	19.61 0.45 -0.01	19.32 0.34 0.00	16.54 0.13 0.00
MADISON___COUNTY_LFGE 323628	15.14 0.30 0.00	17.73 0.34 0.00	17.46 0.34 0.00	16.16 0.31 0.00	14.78 0.30 0.00	15.78 0.36 0.00	19.83 0.50 0.00	22.45 0.51 0.00	21.25 0.45 0.00	22.65 0.45 0.00	20.85 0.41 0.00	21.62 0.38 0.00	22.33 0.40 0.00	22.73 0.37 -0.09	22.45 0.35 -0.16	25.22 0.41 -0.23	32.99 0.68 -0.76	30.84 0.67 -0.62	25.63 0.59 -0.33	21.27 0.52 -0.10	18.39 0.46 0.00	19.64 0.48 -0.01	19.43 0.44 0.00	16.74 0.33 0.00
MALONE___115KV_TB1 356076	15.33 0.49 0.00	17.92 0.54 0.00	17.67 0.55 0.00	16.39 0.54 0.00	15.00 0.51 0.00	16.06 0.64 0.00	20.22 0.89 0.00	23.02 1.09 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.32 0.87 0.00	22.08 0.84 0.00	22.74 0.81 0.00	23.10 0.82 0.00	22.75 0.81 0.00	25.42 0.84 0.00	32.61 1.05 0.00	30.58 1.02 0.00	25.60 0.89 0.00	21.29 0.63 0.00	18.40 0.48 0.00	19.65 0.49 0.00	19.47 0.48 0.00	16.71 0.31 0.00
MAPLEWOD_115KV_TB3 80458	15.42 0.59 0.00	18.09 0.70 0.00	17.81 0.69 0.00	16.49 0.64 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.89 0.56 0.00	22.63 0.70 0.00	21.51 0.71 0.00	22.92 0.72 0.00	21.06 0.60 0.00	21.91 0.67 0.00	22.64 0.71 0.00	23.09 0.82 0.00	22.80 0.85 0.00	25.50 0.92 0.00	32.67 1.12 0.00	30.57 1.01 0.00	25.60 0.90 0.00	21.53 0.87 0.00	18.75 0.83 0.00	20.01 0.85 0.00	19.81 0.82 0.00	17.06 0.65 0.00
MAPLE RIDGE_WT_1 323574	14.66 -0.18 0.00	17.28 -0.11 0.00	17.00 -0.12 0.00	15.74 -0.11 0.00	14.40 -0.08 0.00	15.37 -0.05 0.00	19.30 -0.03 0.00	21.95 0.02 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.41 -0.04 0.00	21.17 -0.07 0.00	21.87 -0.07 0.00	22.12 -0.16 0.00	21.69 -0.26 0.00	24.29 -0.28 0.00	31.30 -0.25 0.00	29.39 -0.17 0.00	24.60 -0.11 0.00	20.48 -0.17 0.00	17.73 -0.19 0.00	18.93 -0.22 0.00	18.71 -0.28 0.00	15.99 -0.41 0.00

MAPLE RIDGE_WT_2 323611	14.66 -0.18 0.00	17.28 -0.11 0.00	17.00 -0.12 0.00	15.74 -0.11 0.00	14.40 -0.08 0.00	15.37 -0.05 0.00	19.30 -0.03 0.00	21.95 0.02 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.41 -0.04 0.00	21.17 -0.07 0.00	21.87 -0.07 0.00	22.12 -0.16 0.00	21.69 -0.26 0.00	24.29 -0.28 0.00	31.30 -0.25 0.00	29.39 -0.17 0.00	24.60 -0.11 0.00	20.48 -0.17 0.00	17.73 -0.19 0.00	18.93 -0.22 0.00	18.71 -0.28 0.00	15.99 -0.41 0.00
MARBLE RIVER_WT_PWR 323696	15.30 0.47 0.00	17.86 0.48 0.00	17.62 0.50 0.00	16.35 0.50 0.00	14.95 0.47 0.00	15.98 0.56 0.00	20.11 0.79 0.00	22.88 0.95 0.00	21.64 0.84 0.00	23.15 0.95 0.00	21.19 0.74 0.00	21.92 0.69 0.00	22.58 0.64 0.00	22.97 0.69 0.00	22.64 0.69 0.00	25.27 0.70 0.00	32.38 0.82 0.00	30.45 0.89 0.00	25.52 0.81 0.00	21.21 0.56 0.00	18.31 0.38 0.00	19.48 0.32 0.00	19.32 0.32 0.00	16.59 0.18 0.00
MARSHVLE_115KV_TB1 80742	15.93 1.10 0.00	18.61 1.22 0.00	18.32 1.20 0.00	16.95 1.10 0.00	15.56 1.08 0.00	16.65 1.23 0.00	21.01 1.68 0.00	23.81 1.88 0.00	22.51 1.71 0.00	23.97 1.77 0.00	22.02 1.57 0.00	22.80 1.56 0.00	23.49 1.56 0.00	23.74 1.46 0.00	23.38 1.43 0.00	26.19 1.62 0.00	33.78 2.22 0.00	31.86 2.30 0.00	26.71 2.01 0.00	22.25 1.59 0.00	19.25 1.32 0.00	20.61 1.45 0.00	20.40 1.41 0.00	17.64 1.23 0.00
MARSH HILL_WT_PWR 323713	14.82 -0.01 0.00	17.35 -0.04 0.00	17.15 0.03 0.00	15.79 -0.06 0.00	14.50 0.01 0.00	15.50 0.08 0.00	19.56 0.24 0.00	22.18 0.25 0.00	21.02 0.22 0.00	22.66 0.46 0.00	20.73 0.29 0.00	21.52 0.28 0.00	22.31 0.38 0.00	22.49 0.15 -0.06	22.09 0.03 -0.11	24.92 0.17 -0.17	32.47 0.37 -0.55	30.14 0.13 -0.45	25.06 0.11 -0.24	20.61 -0.11 -0.07	17.61 -0.32 0.00	18.99 -0.17 0.00	18.95 -0.04 0.00	16.06 -0.35 0.00
MCINTYRE_115KV_TB2 80467	15.13 0.30 0.00	17.77 0.39 0.00	17.51 0.39 0.00	16.23 0.38 0.00	14.87 0.38 0.00	15.99 0.57 0.00	20.13 0.80 0.00	22.86 0.93 0.00	21.61 0.81 0.00	23.04 0.84 0.00	21.20 0.75 0.00	22.01 0.77 0.00	22.72 0.78 0.00	23.01 0.73 0.00	22.64 0.70 0.00	25.36 0.79 0.00	32.62 1.06 0.00	30.44 0.88 0.00	25.43 0.73 0.00	21.20 0.55 0.00	18.36 0.43 0.00	19.75 0.59 0.00	19.55 0.56 0.00	16.78 0.38 0.00
MECO____69_KV_BK1 80468	16.32 1.49 0.00	19.09 1.70 0.00	18.78 1.66 0.00	17.37 1.53 0.00	15.93 1.44 0.00	17.06 1.64 0.00	21.58 2.25 0.00	24.39 2.45 0.00	22.99 2.19 0.00	24.21 2.00 0.00	22.07 1.62 0.00	22.92 1.68 0.00	23.64 1.71 0.00	23.86 1.58 0.00	23.62 1.68 0.00	26.42 1.84 0.00	34.32 2.76 0.00	32.53 2.97 0.00	27.45 2.74 0.00	22.97 2.31 0.00	19.98 2.05 0.00	21.36 2.20 0.00	21.08 2.09 0.00	18.13 1.73 0.00
MENANDS__115KV_TB5 355628	15.25 0.41 0.00	17.88 0.50 0.00	17.61 0.49 0.00	16.31 0.46 0.00	14.86 0.37 0.00	15.71 0.29 0.00	19.56 0.24 0.00	22.26 0.33 0.00	21.18 0.37 0.00	22.57 0.36 0.00	20.76 0.31 0.00	21.62 0.38 0.00	22.33 0.40 0.00	22.80 0.53 0.00	22.49 0.54 0.00	25.16 0.59 0.00	32.19 0.64 0.00	30.09 0.53 0.00	25.16 0.45 0.00	21.18 0.52 0.00	18.45 0.52 0.00	19.68 0.53 0.00	19.50 0.51 0.00	16.81 0.40 0.00
MG INDUSTRY__DRP 24185	15.29 0.46 0.00	17.96 0.57 0.00	17.69 0.57 0.00	16.39 0.54 0.00	14.93 0.45 0.00	15.80 0.38 0.00	19.71 0.38 0.00	22.39 0.46 0.00	21.26 0.46 0.00	22.67 0.46 0.00	20.84 0.39 0.00	21.68 0.44 0.00	22.40 0.47 0.00	22.83 0.55 0.00	22.50 0.56 0.00	25.20 0.63 0.00	32.28 0.72 0.00	30.18 0.62 0.00	25.24 0.53 0.00	21.25 0.59 0.00	18.49 0.56 0.00	19.73 0.58 0.00	19.55 0.56 0.00	16.86 0.46 0.00
MID__OSWEGATCHIE_HYD 23849	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.21 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.05 0.00
MID__RAQUETTE_HYD 23851	15.01 0.17 0.00	17.62 0.24 0.00	17.37 0.25 0.00	16.09 0.24 0.00	14.73 0.25 0.00	15.82 0.40 0.00	19.89 0.56 0.00	22.60 0.67 0.00	21.37 0.57 0.00	22.78 0.57 0.00	20.95 0.50 0.00	21.72 0.48 0.00	22.41 0.48 0.00	22.76 0.43 -0.05	22.43 0.39 -0.09	25.13 0.42 -0.13	32.47 0.48 -0.44	30.15 0.23 -0.36	25.10 0.21 -0.19	20.81 0.10 -0.06	17.99 0.06 0.00	19.43 0.27 0.00	19.28 0.29 0.00	16.56 0.15 0.00
MILLIKEN__1 23584	15.06 0.23 0.00	17.59 0.21 0.00	17.33 0.21 0.00	16.03 0.18 0.00	14.68 0.19 0.00	15.67 0.25 0.00	19.71 0.38 0.00	22.28 0.35 0.00	21.09 0.29 0.00	22.48 0.28 0.00	20.67 0.22 0.00	21.43 0.19 0.00	22.14 0.21 0.00	22.66 0.19 -0.19	22.44 0.15 -0.36	25.29 0.20 -0.51	33.63 0.40 -1.67	31.35 0.42 -1.37	25.84 0.41 -0.72	21.21 0.34 -0.21	18.21 0.28 0.00	19.47 0.30 -0.02	19.29 0.30 0.00	16.64 0.23 0.00
MILLIKEN__2 23585	15.06 0.23 0.00	17.59 0.21 0.00	17.33 0.21 0.00	16.03 0.18 0.00	14.68 0.19 0.00	15.67 0.25 0.00	19.71 0.38 0.00	22.28 0.35 0.00	21.09 0.29 0.00	22.48 0.28 0.00	20.67 0.22 0.00	21.43 0.19 0.00	22.14 0.21 0.00	22.66 0.19 -0.19	22.44 0.15 -0.36	25.29 0.20 -0.51	33.63 0.40 -1.67	31.35 0.42 -1.37	25.84 0.41 -0.72	21.21 0.34 -0.21	18.21 0.28 0.00	19.47 0.30 -0.02	19.29 0.30 0.00	16.64 0.23 0.00
MILLIKEN__DIESEL 23629	15.06 0.23 0.00	17.59 0.21 0.00	17.33 0.21 0.00	16.03 0.18 0.00	14.68 0.19 0.00	15.67 0.25 0.00	19.71 0.38 0.00	22.28 0.35 0.00	21.09 0.29 0.00	22.48 0.28 0.00	20.67 0.22 0.00	21.43 0.19 0.00	22.14 0.21 0.00	22.66 0.19 -0.19	22.44 0.15 -0.36	25.29 0.20 -0.51	33.63 0.40 -1.67	31.35 0.42 -1.37	25.84 0.41 -0.72	21.21 0.34 -0.21	18.21 0.28 0.00	19.47 0.30 -0.02	19.29 0.30 0.00	16.64 0.23 0.00
MILLSEAT__LFGE 323607	14.64 -0.19 0.00	17.03 -0.20 0.15	16.89 -0.19 0.03	15.61 -0.22 0.02	14.41 -0.08 0.00	15.52 0.29 0.19	19.48 0.48 0.33	22.05 0.12 0.00	20.61 -0.19 0.00	22.37 0.17 0.00	20.55 0.10 0.00	21.24 0.01 0.00	21.94 0.01 0.00	21.98 -0.30 0.00	21.53 -0.41 0.00	24.15 -0.42 0.00	31.19 -0.37 0.00	29.17 -0.39 0.00	24.23 -0.48 0.00	20.02 -0.64 0.00	17.29 -0.64 0.00	18.72 -0.44 0.00	18.73 -0.26 0.00	16.19 -0.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.45 0.62 0.00	17.96 0.58 0.00	17.68 0.57 0.00	16.39 0.54 0.00	14.96 0.47 0.00	15.85 0.43 0.00	19.88 0.56 0.00	22.69 0.76 0.00	21.65 0.85 0.00	23.13 0.92 0.00	21.31 0.86 0.00	22.22 0.98 0.00	23.08 1.15 0.00	23.54 1.27 0.00	23.28 1.33 0.00	26.06 1.48 0.00	33.31 1.75 0.00	31.26 1.70 0.00	26.11 1.41 0.00	21.88 1.22 0.00	18.97 1.05 0.00	20.24 1.08 0.00	20.04 1.05 0.00	17.25 0.84 0.00

MILLWOOD_13_KV_LOAD 356217	15.48 0.65 0.00	17.99 0.61 0.00	17.72 0.60 0.00	16.42 0.57 0.00	14.98 0.50 0.00	15.88 0.46 0.00	19.93 0.60 0.00	22.74 0.81 0.00	21.70 0.90 0.00	23.19 0.98 0.00	21.36 0.91 0.00	22.27 1.03 0.00	23.14 1.20 0.00	23.60 1.33 0.00	23.34 1.39 0.00	26.13 1.56 0.00	33.40 1.85 0.00	31.35 1.79 0.00	26.19 1.49 0.00	21.94 1.28 0.00	19.03 1.10 0.00	20.29 1.13 0.00	20.09 1.10 0.00	17.28 0.88 0.00
MODEL_CITY_ENERGY 24167	14.38 -0.46 0.00	16.70 -0.53 0.16	16.58 -0.51 0.03	15.32 -0.50 0.02	14.15 -0.34 0.00	15.23 0.00 0.20	19.09 0.11 0.35	21.58 -0.36 0.00	20.10 -0.70 0.00	21.83 -0.38 0.00	20.10 -0.35 0.00	20.82 -0.42 0.00	21.49 -0.44 0.00	21.51 -0.76 0.00	21.03 -0.92 0.00	23.57 -1.01 0.00	30.42 -1.14 0.00	28.41 -1.15 0.00	23.56 -1.14 0.00	19.47 -1.19 0.00	16.80 -1.13 0.00	18.20 -0.96 0.00	18.29 -0.70 0.00	15.85 -0.56 0.00
MODERN_LFGE_ 323580	14.38 -0.46 0.00	16.70 -0.53 0.16	16.58 -0.51 0.03	15.32 -0.50 0.02	14.15 -0.34 0.00	15.23 0.00 0.20	19.09 0.11 0.35	21.58 -0.36 0.00	20.10 -0.70 0.00	21.83 -0.38 0.00	20.10 -0.35 0.00	20.82 -0.42 0.00	21.49 -0.44 0.00	21.51 -0.76 0.00	21.03 -0.92 0.00	23.57 -1.01 0.00	30.42 -1.14 0.00	28.41 -1.15 0.00	23.56 -1.14 0.00	19.47 -1.19 0.00	16.80 -1.13 0.00	18.20 -0.96 0.00	18.29 -0.70 0.00	15.85 -0.56 0.00
MOHAWK_PAPER___DRP 24187	15.42 0.59 0.00	18.09 0.70 0.00	17.81 0.69 0.00	16.49 0.64 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.89 0.56 0.00	22.63 0.70 0.00	21.51 0.71 0.00	22.92 0.72 0.00	21.06 0.60 0.00	21.91 0.67 0.00	22.64 0.71 0.00	23.09 0.82 0.00	22.80 0.85 0.00	25.50 0.92 0.00	32.67 1.12 0.00	30.57 1.01 0.00	25.60 0.90 0.00	21.53 0.87 0.00	18.75 0.83 0.00	20.01 0.85 0.00	19.81 0.82 0.00	17.06 0.65 0.00
MOHICAN__35_KV_115KV_LD 80490	15.94 1.10 0.00	18.63 1.25 0.00	18.35 1.24 0.00	17.01 1.16 0.00	15.54 1.05 0.00	16.53 1.12 0.00	20.81 1.49 0.00	23.59 1.66 0.00	22.30 1.50 0.00	23.78 1.58 0.00	21.83 1.38 0.00	22.67 1.43 0.00	23.31 1.38 0.00	23.63 1.35 0.00	23.27 1.33 0.00	26.09 1.51 0.00	33.57 2.02 0.00	31.61 2.05 0.00	26.65 1.94 0.00	22.40 1.74 0.00	19.58 1.65 0.00	20.90 1.74 0.00	20.69 1.70 0.00	17.70 1.29 0.00
MONGAUP___HYD 23641	15.42 0.58 0.00	17.96 0.57 0.00	17.68 0.56 0.00	16.37 0.52 0.00	14.95 0.46 0.00	15.86 0.44 0.00	19.91 0.58 0.00	22.68 0.74 0.00	21.56 0.76 0.00	22.91 0.71 0.00	21.03 0.58 0.00	21.88 0.64 0.00	22.78 0.85 0.00	23.16 0.88 0.00	22.92 0.97 0.00	25.66 1.09 0.00	32.92 1.36 0.00	30.95 1.39 0.00	25.93 1.22 0.00	21.76 1.10 0.00	18.94 1.01 0.00	20.20 1.05 0.00	19.99 1.00 0.00	17.21 0.81 0.00
MONTAUK___DIESEL 23721	16.44 1.61 0.00	19.08 1.69 0.00	18.79 1.66 0.00	17.42 1.57 0.00	15.93 1.44 0.00	16.95 1.53 0.00	21.30 1.97 0.00	24.28 2.35 0.00	23.15 2.34 0.00	24.72 2.52 0.00	22.84 2.40 0.00	23.60 2.36 0.00	24.54 2.61 0.00	59.79 2.13 -35.39	35.93 2.50 -11.48	34.54 2.82 -7.15	34.72 3.15 -0.01	54.94 3.21 -22.17	50.67 2.79 -23.18	100.76 2.28 -77.82	90.18 1.58 -70.68	55.68 2.17 -34.35	38.68 2.01 -17.68	46.49 1.74 -28.34
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.64 -0.19 0.00	17.30 -0.08 0.00	17.11 0.00 0.00	15.89 0.04 0.00	14.66 0.17 0.00	15.93 0.51 0.00	20.20 0.87 0.00	22.88 0.95 0.00	21.59 0.78 0.00	23.31 1.11 0.00	21.48 1.03 0.00	22.27 1.03 0.00	23.14 1.21 0.00	23.12 0.85 0.00	22.62 0.67 0.00	25.44 0.87 0.00	32.93 1.38 0.00	30.63 1.07 0.00	25.47 0.76 0.00	20.88 0.23 0.00	17.91 -0.02 0.00	19.21 0.06 0.00	18.90 -0.09 0.00	16.14 -0.26 0.00
MORTIMER_115KV_TB3 55949	14.72 -0.11 0.00	17.26 -0.12 0.00	16.98 -0.14 0.00	15.71 -0.14 0.00	14.43 -0.06 0.00	15.57 0.15 0.00	19.62 0.29 0.00	22.05 0.12 0.00	20.75 -0.05 0.00	22.35 0.15 0.00	20.58 0.13 0.00	21.32 0.08 0.00	22.01 0.08 0.00	22.21 -0.07 0.00	21.75 -0.20 0.00	24.37 -0.20 0.00	31.45 -0.10 0.00	29.43 -0.13 0.00	24.51 -0.20 0.00	20.33 -0.32 0.00	17.57 -0.36 0.00	18.88 -0.28 0.00	18.79 -0.20 0.00	16.25 -0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.23 1.30 0.00	23.70 1.42 0.00	23.44 1.49 0.00	26.23 1.66 0.00	33.51 1.96 0.00	31.46 1.90 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.34 0.92 0.00
MUNSVILLE_WIND_PWR 323609	15.73 0.90 0.00	18.49 1.06 -0.04	18.19 1.06 -0.01	16.81 0.95 -0.01	15.38 0.89 0.00	16.52 1.05 -0.05	20.85 1.43 -0.09	23.44 1.51 0.00	22.07 1.27 0.00	23.44 1.24 0.00	21.50 1.05 0.00	22.15 0.91 0.00	22.91 0.98 0.00	23.39 0.99 -0.12	22.99 0.82 -0.23	25.86 0.95 -0.33	34.03 1.41 -1.07	32.04 1.61 -0.87	26.67 1.50 -0.46	22.23 1.43 -0.14	19.22 1.29 0.00	20.53 1.36 -0.01	20.34 1.35 0.00	17.43 1.02 0.00
N SALMON___HYD 24042	15.33 0.50 0.00	17.92 0.54 0.00	17.67 0.55 0.00	16.39 0.54 0.00	15.00 0.51 0.00	16.06 0.64 0.00	20.22 0.89 0.00	23.02 1.09 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.32 0.87 0.00	22.08 0.84 0.00	22.74 0.81 0.00	23.10 0.82 0.00	22.75 0.81 0.00	25.42 0.84 0.00	32.61 1.05 0.00	30.58 1.02 0.00	25.60 0.89 0.00	21.29 0.64 0.00	18.40 0.48 0.00	19.65 0.49 0.00	19.47 0.48 0.00	16.71 0.31 0.00
N.AKRON__115KV_KNAPP 355671	14.64 -0.19 0.00	17.18 -0.20 0.00	16.92 -0.20 0.00	15.63 -0.22 0.00	14.40 -0.08 0.00	15.69 0.27 0.00	19.79 0.46 0.00	22.03 0.10 0.00	20.61 -0.19 0.00	22.38 0.17 0.00	20.54 0.09 0.00	21.26 0.02 0.00	21.96 0.03 0.00	22.00 -0.28 0.00	21.55 -0.39 0.00	24.16 -0.42 0.00	31.21 -0.35 0.00	29.18 -0.38 0.00	24.24 -0.47 0.00	20.02 -0.64 0.00	17.30 -0.63 0.00	18.72 -0.43 0.00	18.73 -0.26 0.00	16.18 -0.22 0.00
N.BELMOR_69_KV_BK1 55787	15.68 0.84 0.00	18.18 0.79 0.00	17.88 0.77 0.00	16.58 0.72 0.00	15.13 0.64 0.00	16.05 0.64 0.00	20.10 0.77 0.00	22.93 1.00 0.00	21.90 1.10 0.00	23.39 1.18 0.00	21.64 1.20 0.00	22.48 1.24 0.00	23.39 1.46 0.00	59.13 1.47 -35.39	35.10 1.67 -11.48	33.61 1.89 -7.15	33.82 2.25 -0.01	53.97 2.24 -22.17	49.74 1.86 -23.18	100.11 1.63 -77.82	89.99 1.39 -70.68	54.99 1.48 -34.35	38.14 1.47 -17.68	45.94 1.20 -28.34
N.E._GEN_SANDY PD 24062	15.37 0.53 0.00	17.99 0.61 0.00	17.73 0.61 0.00	16.42 0.57 0.00	14.95 0.46 0.00	15.84 0.42 0.00	20.33 0.49 -0.51	25.40 0.65 -2.82	21.49 0.69 0.00	22.89 0.69 0.00	21.06 0.61 0.00	22.26 0.70 -0.32	22.17 0.74 0.50	23.16 0.88 0.00	22.85 0.91 0.00	25.55 0.97 0.00	32.61 1.06 0.00	30.49 0.93 0.00	25.50 0.79 0.00	21.46 0.80 0.00	18.70 0.78 0.00	19.97 0.82 0.00	19.79 0.80 0.00	17.39 0.64 -0.33

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.43 0.59 0.00	17.93 0.54 0.00	17.65 0.53 0.00	16.35 0.50 0.00	14.93 0.44 0.00	15.81 0.40 0.00	19.84 0.52 0.00	22.64 0.70 0.00	21.61 0.81 0.00	23.09 0.89 0.00	21.28 0.84 0.00	22.20 0.96 0.00	23.08 1.15 0.00	23.54 1.27 0.00	23.28 1.33 0.00	26.07 1.49 0.00	33.34 1.79 0.00	31.29 1.73 0.00	26.14 1.43 0.00	21.88 1.23 0.00	18.97 1.05 0.00	20.24 1.08 0.00	20.04 1.05 0.00	17.25 0.84 0.00
N.QUEENS_27_KV_LOAD 356247	15.52 0.69 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	20.00 0.67 0.00	22.78 0.84 0.00	21.71 0.91 0.00	23.25 1.05 0.00	21.35 0.90 0.00	22.31 1.07 0.00	23.20 1.27 0.00	23.67 1.39 0.00	23.43 1.48 0.00	26.23 1.65 0.00	33.44 1.89 0.00	31.45 1.89 0.00	26.23 1.52 0.00	21.97 1.32 0.00	19.06 1.13 0.00	20.33 1.17 0.00	20.18 1.19 0.00	17.35 0.94 0.00
N.TROY___115KV_TB1 355778	15.43 0.60 0.00	18.12 0.73 0.00	17.84 0.72 0.00	16.53 0.67 0.00	15.05 0.56 0.00	15.94 0.53 0.00	19.95 0.62 0.00	22.69 0.76 0.00	21.55 0.75 0.00	22.95 0.75 0.00	21.11 0.66 0.00	21.97 0.73 0.00	22.65 0.72 0.00	23.11 0.84 0.00	22.78 0.83 0.00	25.49 0.92 0.00	32.62 1.07 0.00	30.50 0.94 0.00	25.55 0.84 0.00	21.49 0.83 0.00	18.74 0.81 0.00	20.01 0.86 0.00	19.83 0.84 0.00	17.07 0.67 0.00
NARROWS_GT1_1 24228	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_2 24229	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_3 24230	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_4 24231	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_5 24232	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_6 24233	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_7 24234	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT1_8 24235	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_1 24236	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_2 24237	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_3 24238	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_4 24239	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00

NARROWS_GT2_5 24240	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_6 24241	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_7 24242	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NARROWS_GT2_8 24243	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.49 0.66 0.00	18.19 0.81 0.00	17.91 0.79 0.00	16.60 0.75 0.00	15.13 0.64 0.00	16.01 0.59 0.00	19.97 0.64 0.00	22.70 0.77 0.00	21.48 0.68 0.00	22.87 0.66 0.00	20.93 0.49 0.00	21.76 0.52 0.00	22.48 0.55 0.00	22.95 0.67 0.00	22.59 0.64 0.00	25.35 0.77 0.00	32.59 1.04 0.00	30.49 0.92 0.00	25.56 0.85 0.00	21.57 0.91 0.00	18.81 0.88 0.00	20.06 0.91 0.00	19.83 0.84 0.00	17.06 0.65 0.00
NCHELSEA_115KV_TR2 355582	15.54 0.70 0.00	18.08 0.69 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.06 0.57 0.00	15.96 0.54 0.00	20.04 0.71 0.00	22.86 0.93 0.00	21.79 0.99 0.00	23.25 1.05 0.00	21.41 0.96 0.00	22.31 1.07 0.00	23.18 1.25 0.00	23.63 1.35 0.00	23.36 1.42 0.00	26.17 1.60 0.00	33.50 1.94 0.00	31.45 1.89 0.00	26.29 1.59 0.00	22.03 1.37 0.00	19.13 1.20 0.00	20.39 1.23 0.00	20.17 1.18 0.00	17.35 0.94 0.00
NEG CAPITAL___MECHNVIL 23645	15.67 0.84 0.00	18.37 0.99 0.00	18.08 0.97 0.00	16.75 0.90 0.00	15.28 0.80 0.00	16.23 0.81 0.00	20.35 1.03 0.00	23.13 1.20 0.00	21.94 1.13 0.00	23.36 1.16 0.00	21.48 1.03 0.00	22.33 1.09 0.00	23.03 1.10 0.00	23.46 1.18 0.00	23.14 1.19 0.00	25.92 1.34 0.00	33.25 1.69 0.00	31.17 1.61 0.00	26.16 1.45 0.00	21.97 1.31 0.00	19.15 1.23 0.00	20.45 1.29 0.00	20.23 1.24 0.00	17.38 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.48 -0.36 0.00	16.92 -0.42 0.05	16.68 -0.43 0.01	15.43 -0.41 0.01	14.17 -0.32 0.00	15.21 -0.16 0.06	19.12 -0.11 0.10	21.63 -0.30 0.00	20.36 -0.44 0.00	21.89 -0.32 0.00	20.17 -0.29 0.00	20.89 -0.35 0.00	21.56 -0.37 0.00	21.86 -0.49 -0.08	21.52 -0.56 -0.14	24.16 -0.62 -0.20	31.58 -0.63 -0.66	29.50 -0.60 -0.54	24.43 -0.56 -0.29	20.14 -0.60 -0.08	17.34 -0.59 0.00	18.59 -0.57 -0.01	18.47 -0.52 0.00	15.97 -0.44 0.00
NEG CENTRAL___DRP 24199	14.85 0.02 0.00	17.35 -0.03 0.00	17.08 -0.04 0.00	15.80 -0.05 0.00	14.48 -0.01 0.00	15.50 0.09 0.00	19.52 0.19 0.00	22.10 0.17 0.00	20.90 0.10 0.00	22.35 0.14 0.00	20.55 0.10 0.00	21.30 0.06 0.00	22.02 0.09 0.00	22.45 -0.01 -0.18	22.23 -0.06 -0.34	25.05 -0.03 -0.50	33.23 0.05 -1.62	30.94 0.06 -1.32	25.50 0.09 -0.70	20.88 0.01 -0.21	17.89 -0.04 0.00	19.14 -0.03 -0.01	18.99 0.00 0.00	16.38 -0.03 0.00
NEG CENTRAL___INDECK 23768	15.11 0.28 0.00	17.70 0.31 0.00	17.42 0.30 0.00	16.11 0.26 0.00	14.79 0.31 0.00	15.97 0.55 0.00	20.20 0.87 0.00	22.61 0.68 0.00	21.11 0.31 0.00	22.73 0.52 0.00	20.89 0.44 0.00	21.64 0.40 0.00	22.41 0.47 0.00	22.55 0.28 0.00	22.10 0.15 0.00	24.84 0.26 0.00	32.05 0.49 0.00	29.94 0.38 0.00	25.05 0.35 0.00	20.92 0.26 0.00	18.12 0.19 0.00	19.50 0.34 0.00	19.39 0.40 0.00	16.63 0.22 0.00
NEG CENTRAL___SENECA 23627	14.88 0.04 0.00	17.38 -0.01 0.00	17.11 -0.01 0.00	15.83 -0.02 0.00	14.51 0.02 0.00	15.57 0.15 0.00	19.63 0.30 0.00	22.22 0.29 0.00	21.02 0.22 0.00	22.50 0.30 0.00	20.67 0.21 0.00	21.41 0.17 0.00	22.16 0.23 0.00	22.48 0.11 -0.10	22.17 0.04 -0.18	24.94 0.10 -0.26	32.62 0.21 -0.86	30.47 0.21 -0.70	25.31 0.23 -0.37	20.87 0.10 -0.11	17.96 0.03 0.00	19.22 0.06 -0.01	19.08 0.09 0.00	16.41 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	14.96 0.13 0.00	17.45 0.06 0.00	17.16 0.04 0.00	15.89 0.04 0.00	14.54 0.05 0.00	15.53 0.12 0.00	19.53 0.20 0.00	22.08 0.15 0.00	20.90 0.10 0.00	22.32 0.12 0.00	20.54 0.09 0.00	21.31 0.07 0.00	21.99 0.06 0.00	22.55 0.02 -0.26	22.42 -0.01 -0.48	25.27 -0.01 -0.70	33.95 0.11 -2.29	31.54 0.11 -1.87	25.81 0.12 -0.99	21.01 0.06 -0.29	17.96 0.03 0.00	19.21 0.03 -0.02	19.03 0.04 0.00	16.46 0.05 0.00
NEG MILLWOOD___DRP 24198	15.57 0.74 0.00	18.11 0.73 0.00	17.84 0.71 0.00	16.52 0.67 0.00	15.08 0.60 0.00	16.00 0.58 0.00	20.10 0.77 0.00	22.95 1.02 0.00	21.88 1.08 0.00	23.34 1.14 0.00	21.50 1.06 0.00	22.39 1.15 0.00	23.25 1.32 0.00	23.72 1.45 0.00	23.46 1.51 0.00	26.26 1.69 0.00	33.59 2.04 0.00	31.55 1.99 0.00	26.38 1.67 0.00	22.11 1.45 0.00	19.19 1.26 0.00	20.45 1.30 0.00	20.22 1.23 0.00	17.39 0.98 0.00
NEG NORTH_FLCN_SEA 23793	15.50 0.67 0.00	18.07 0.68 0.00	17.84 0.72 0.00	16.53 0.68 0.00	15.13 0.64 0.00	16.16 0.74 0.00	20.34 1.01 0.00	23.15 1.22 0.00	21.90 1.09 0.00	23.45 1.25 0.00	21.44 0.99 0.00	22.18 0.94 0.00	22.80 0.87 0.00	23.23 0.95 0.00	22.90 0.95 0.00	25.55 0.98 0.00	32.73 1.17 0.00	30.78 1.22 0.00	25.81 1.10 0.00	21.51 0.85 0.00	18.55 0.63 0.00	19.70 0.55 0.00	19.57 0.58 0.00	16.79 0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	15.29 0.45 0.00	17.85 0.47 0.00	17.61 0.49 0.00	16.34 0.49 0.00	14.95 0.46 0.00	15.98 0.56 0.00	20.10 0.78 0.00	22.87 0.93 0.00	21.63 0.83 0.00	23.12 0.92 0.00	21.16 0.72 0.00	21.90 0.67 0.00	22.56 0.62 0.00	22.93 0.66 0.00	22.60 0.65 0.00	25.24 0.67 0.00	32.35 0.80 0.00	30.44 0.88 0.00	25.51 0.80 0.00	21.21 0.55 0.00	18.30 0.38 0.00	19.49 0.33 0.00	19.32 0.33 0.00	16.60 0.19 0.00



NEG NORTH___ALICE_FALLS 23915	15.50 0.67 0.00	18.08 0.70 0.00	17.84 0.72 0.00	16.54 0.69 0.00	15.13 0.65 0.00	16.17 0.75 0.00	20.38 1.05 0.00	23.19 1.26 0.00	21.94 1.13 0.00	23.49 1.29 0.00	21.48 1.03 0.00	22.21 0.97 0.00	22.84 0.91 0.00	23.25 0.97 0.00	22.92 0.97 0.00	25.57 1.00 0.00	32.79 1.23 0.00	30.85 1.29 0.00	25.87 1.16 0.00	21.56 0.91 0.00	18.59 0.66 0.00	19.76 0.60 0.00	19.60 0.61 0.00	16.81 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	15.50 0.67 0.00	18.08 0.70 0.00	17.84 0.72 0.00	16.54 0.69 0.00	15.13 0.65 0.00	16.17 0.75 0.00	20.38 1.05 0.00	23.19 1.26 0.00	21.94 1.13 0.00	23.49 1.29 0.00	21.48 1.03 0.00	22.21 0.97 0.00	22.84 0.91 0.00	23.25 0.97 0.00	22.92 0.97 0.00	25.57 1.00 0.00	32.79 1.23 0.00	30.85 1.29 0.00	25.87 1.16 0.00	21.56 0.91 0.00	18.59 0.66 0.00	19.76 0.60 0.00	19.60 0.61 0.00	16.81 0.41 0.00
NEG NORTH___PLATTSBURG 23628	15.50 0.67 0.00	18.08 0.70 0.00	17.84 0.72 0.00	16.54 0.69 0.00	15.13 0.64 0.00	16.17 0.75 0.00	20.38 1.05 0.00	23.19 1.26 0.00	21.94 1.13 0.00	23.49 1.29 0.00	21.48 1.03 0.00	22.21 0.97 0.00	22.84 0.91 0.00	23.24 0.97 0.00	22.92 0.97 0.00	25.57 1.00 0.00	32.79 1.23 0.00	30.85 1.29 0.00	25.87 1.16 0.00	21.56 0.91 0.00	18.59 0.66 0.00	19.76 0.60 0.00	19.60 0.61 0.00	16.81 0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	14.51 -0.33 0.00	17.02 -0.36 0.00	16.77 -0.35 0.00	15.49 -0.36 0.00	14.27 -0.21 0.00	15.55 0.13 0.00	19.61 0.28 0.00	21.81 -0.12 0.00	20.34 -0.46 0.00	22.07 -0.13 0.00	20.31 -0.13 0.00	21.04 -0.20 0.00	21.73 -0.20 0.00	21.76 -0.52 0.00	21.27 -0.67 0.00	23.85 -0.72 0.00	30.80 -0.76 0.00	28.75 -0.81 0.00	23.86 -0.85 0.00	19.70 -0.96 0.00	17.00 -0.93 0.00	18.40 -0.75 0.00	18.45 -0.54 0.00	15.97 -0.44 0.00
NEG WEST___LANCASTR 23811	14.66 -0.17 0.00	17.20 -0.19 0.00	16.93 -0.18 0.00	15.66 -0.19 0.00	14.39 -0.10 0.00	15.61 0.19 0.00	19.70 0.38 0.00	22.12 0.18 0.00	20.77 -0.03 0.00	22.43 0.23 0.00	20.67 0.21 0.00	21.39 0.15 0.00	22.16 0.23 0.00	22.18 -0.10 0.00	21.66 -0.28 0.00	24.32 -0.26 0.00	31.43 -0.12 0.00	29.31 -0.25 0.00	24.33 -0.38 0.00	20.11 -0.55 0.00	17.42 -0.51 0.00	18.76 -0.39 0.00	18.78 -0.21 0.00	16.18 -0.23 0.00
NEG_PENN_ALLEGHNY 23528	14.96 0.13 0.00	17.51 0.09 -0.03	17.22 0.09 -0.01	15.93 0.08 0.00	14.57 0.09 0.00	15.59 0.13 -0.04	19.64 0.24 -0.07	22.20 0.27 0.00	21.04 0.24 0.00	22.52 0.32 0.00	20.74 0.29 0.00	21.52 0.28 0.00	22.30 0.37 0.00	22.70 0.31 -0.11	22.44 0.28 -0.21	25.24 0.36 -0.31	33.11 0.55 -1.01	30.84 0.46 -0.82	25.51 0.37 -0.43	21.03 0.25 -0.13	18.12 0.19 0.00	19.38 0.22 -0.01	19.25 0.27 0.00	16.58 0.17 0.00
NEG___GEN_MONROE 24207	14.84 0.01 0.00	17.39 0.01 0.00	17.11 -0.01 0.00	15.82 -0.03 0.00	14.54 0.05 0.00	15.72 0.30 0.00	19.86 0.54 0.00	22.34 0.41 0.00	20.93 0.13 0.00	22.54 0.33 0.00	20.74 0.29 0.00	21.46 0.22 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.90 -0.05 0.00	24.56 -0.02 0.00	31.67 0.11 0.00	29.67 0.11 0.00	24.72 0.01 0.00	20.52 -0.13 0.00	17.73 -0.19 0.00	19.06 -0.10 0.00	18.97 -0.03 0.00	16.40 -0.01 0.00
NEPA___ENERGY 23901	14.65 -0.19 0.00	17.10 -0.29 0.00	16.86 -0.26 0.00	15.59 -0.26 0.00	14.33 -0.16 0.00	15.51 0.09 0.00	19.62 0.30 0.00	22.22 0.29 0.00	20.99 0.19 0.00	22.64 0.43 0.00	20.85 0.40 0.00	21.61 0.37 0.00	22.51 0.58 0.00	22.57 0.30 0.00	22.13 0.19 0.00	24.87 0.30 0.00	32.19 0.64 0.00	29.94 0.38 0.00	24.90 0.20 0.00	20.49 -0.17 0.00	17.69 -0.23 0.00	19.02 -0.14 0.00	18.99 0.00 0.00	16.28 -0.13 0.00
NEVERSINK___HYD 23608	15.13 0.30 0.00	17.60 0.22 0.00	17.32 0.21 0.00	16.05 0.20 0.00	14.66 0.18 0.00	15.55 0.13 0.00	19.55 0.22 0.00	22.31 0.38 0.00	21.21 0.40 0.00	22.58 0.38 0.00	20.75 0.31 0.00	21.64 0.40 0.00	22.51 0.57 0.00	22.96 0.69 0.00	22.70 0.75 0.00	25.48 0.90 0.00	32.66 1.11 0.00	30.67 1.11 0.00	25.68 0.97 0.00	21.55 0.89 0.00	18.69 0.77 0.00	19.93 0.78 0.00	19.69 0.70 0.00	16.93 0.52 0.00
NEWKRMKL_115KV_TB1 55635	15.21 0.37 0.00	17.83 0.44 0.00	17.55 0.44 0.00	16.26 0.41 0.00	14.82 0.33 0.00	15.66 0.24 0.00	19.49 0.16 0.00	22.17 0.24 0.00	21.08 0.28 0.00	22.47 0.26 0.00	20.67 0.22 0.00	21.53 0.29 0.00	22.25 0.31 0.00	22.71 0.43 0.00	22.40 0.45 0.00	25.07 0.50 0.00	32.10 0.54 0.00	30.00 0.44 0.00	25.09 0.38 0.00	21.11 0.45 0.00	18.38 0.45 0.00	19.60 0.45 0.00	19.41 0.42 0.00	16.74 0.33 0.00
NEWTON___FALLS_HYD 23847	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.21 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.05 0.00
NGRID_A1_DSASP 323792	14.39 -0.44 0.00	16.76 -0.46 0.16	16.63 -0.46 0.03	15.37 -0.46 0.03	14.18 -0.31 0.00	15.22 0.01 0.20	19.08 0.11 0.36	21.59 -0.34 0.00	19.98 -0.82 0.00	21.63 -0.57 0.00	19.94 -0.50 0.00	20.66 -0.58 0.00	21.32 -0.60 0.00	21.34 -0.93 0.00	20.85 -1.10 0.00	23.37 -1.21 0.00	30.15 -1.40 0.00	28.14 -1.42 0.00	23.34 -1.37 0.00	19.28 -1.38 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.13 -0.87 0.00	15.73 -0.67 0.00
NGRID_A2_DSASP 323793	14.39 -0.44 0.00	16.76 -0.46 0.16	16.63 -0.46 0.03	15.37 -0.46 0.03	14.18 -0.31 0.00	15.22 0.01 0.20	19.08 0.11 0.36	21.59 -0.34 0.00	19.98 -0.82 0.00	21.63 -0.57 0.00	19.94 -0.50 0.00	20.66 -0.58 0.00	21.32 -0.60 0.00	21.34 -0.93 0.00	20.85 -1.10 0.00	23.37 -1.21 0.00	30.15 -1.40 0.00	28.14 -1.42 0.00	23.34 -1.37 0.00	19.28 -1.38 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.13 -0.87 0.00	15.73 -0.67 0.00
NGRID_A4_DSASP 323807	14.39 -0.44 0.00	16.92 -0.46 0.00	16.66 -0.46 0.00	15.39 -0.45 0.00	14.18 -0.31 0.00	15.43 0.01 0.00	19.44 0.11 0.00	21.59 -0.34 0.00	19.98 -0.82 0.00	21.64 -0.57 0.00	19.94 -0.51 0.00	20.66 -0.58 0.00	21.33 -0.60 0.00	21.34 -0.94 0.00	20.84 -1.10 0.00	23.37 -1.21 0.00	30.14 -1.41 0.00	28.14 -1.43 0.00	23.34 -1.37 0.00	19.27 -1.39 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.12 -0.88 0.00	15.73 -0.68 0.00
NIAGARA_115E_LBMP 323715	14.31 -0.52 0.00	16.61 -0.61 0.16	16.50 -0.59 0.03	15.25 -0.58 0.03	14.08 -0.40 0.00	15.15 -0.06 0.20	19.00 0.03 0.36	21.47 -0.46 0.00	19.98 -0.82 0.00	21.70 -0.50 0.00	19.99 -0.46 0.00	20.71 -0.53 0.00	21.37 -0.56 0.00	21.39 -0.89 0.00	20.90 -1.05 0.00	23.43 -1.15 0.00	30.23 -1.32 0.00	28.23 -1.34 0.00	23.41 -1.30 0.00	19.34 -1.32 0.00	16.68 -1.24 0.00	18.09 -1.07 0.00	18.20 -0.80 0.00	15.78 -0.63 0.00

NIAGARA_115W_LBMP 323714	14.37 -0.46 0.00	16.74 -0.49 0.16	16.60 -0.48 0.03	15.35 -0.48 0.03	14.16 -0.33 0.00	15.20 -0.01 0.20	19.05 0.08 0.36	21.55 -0.38 0.00	19.93 -0.87 0.00	21.58 -0.62 0.00	19.89 -0.56 0.00	20.60 -0.63 0.00	21.27 -0.66 0.00	21.28 -0.99 0.00	20.80 -1.15 0.00	23.31 -1.26 0.00	30.07 -1.49 0.00	28.06 -1.50 0.00	23.27 -1.44 0.00	19.22 -1.43 0.00	16.58 -1.35 0.00	17.97 -1.19 0.00	18.09 -0.90 0.00	15.71 -0.70 0.00
NIAGARA_230_LBMP 323716	14.41 -0.43 0.00	16.77 -0.45 0.16	16.63 -0.45 0.03	15.38 -0.45 0.03	14.18 -0.31 0.00	15.21 0.00 0.20	19.07 0.10 0.36	21.64 -0.29 0.00	20.19 -0.61 0.00	21.85 -0.35 0.00	20.14 -0.31 0.00	20.87 -0.37 0.00	21.55 -0.38 0.00	21.59 -0.68 0.00	21.10 -0.85 0.00	23.66 -0.92 0.00	30.56 -0.99 0.00	28.52 -1.04 0.00	23.66 -1.05 0.00	19.53 -1.13 0.00	16.85 -1.08 0.00	18.22 -0.94 0.00	18.28 -0.71 0.00	15.84 -0.57 0.00
NIAGARA__115KV_198_GIBSON 55903	14.37 -0.46 0.00	16.90 -0.49 0.00	16.64 -0.49 0.00	15.37 -0.48 0.00	14.16 -0.33 0.00	15.40 -0.02 0.00	19.41 0.08 0.00	21.55 -0.38 0.00	19.93 -0.87 0.00	21.58 -0.62 0.00	19.88 -0.56 0.00	20.60 -0.63 0.00	21.27 -0.66 0.00	21.28 -1.00 0.00	20.79 -1.16 0.00	23.30 -1.28 0.00	30.06 -1.49 0.00	28.06 -1.50 0.00	23.27 -1.44 0.00	19.22 -1.44 0.00	16.58 -1.35 0.00	17.97 -1.19 0.00	18.08 -0.91 0.00	15.70 -0.71 0.00
NIAGARA____ 23760	14.35 -0.49 0.00	16.67 -0.55 0.16	16.55 -0.54 0.03	15.30 -0.53 0.03	14.12 -0.37 0.00	15.18 -0.03 0.20	19.04 0.07 0.36	21.57 -0.36 0.00	20.08 -0.73 0.00	21.74 -0.46 0.00	20.04 -0.41 0.00	20.75 -0.49 0.00	21.44 -0.49 0.00	21.47 -0.81 0.00	20.98 -0.97 0.00	23.52 -1.06 0.00	30.35 -1.20 0.00	28.33 -1.23 0.00	23.49 -1.21 0.00	19.41 -1.25 0.00	16.74 -1.18 0.00	18.12 -1.03 0.00	18.21 -0.78 0.00	15.79 -0.62 0.00
NINE_MILE_1 23575	14.47 -0.36 0.00	16.96 -0.42 0.00	16.69 -0.43 0.00	15.45 -0.40 0.00	14.14 -0.35 0.00	15.07 -0.35 0.00	18.87 -0.46 0.00	21.34 -0.59 0.00	20.21 -0.59 0.00	21.60 -0.61 0.00	19.90 -0.55 0.00	20.64 -0.61 0.00	21.25 -0.68 0.00	19.95 -0.72 1.60	18.25 -0.72 2.97	19.46 -0.81 4.31	16.54 -0.99 14.02	17.19 -0.93 11.44	17.87 -0.79 6.05	18.20 -0.68 1.78	17.31 -0.59 0.02	18.40 -0.63 0.13	18.38 -0.61 0.00	15.97 -0.44 0.00
NINE_MILE_2 23744	14.47 -0.36 0.00	16.96 -0.42 0.00	16.69 -0.43 0.00	15.45 -0.40 0.00	14.14 -0.35 0.00	15.07 -0.35 0.00	18.87 -0.46 0.00	21.34 -0.59 0.00	20.22 -0.59 0.00	21.60 -0.61 0.00	19.90 -0.55 0.00	20.64 -0.60 0.00	21.26 -0.68 0.00	19.93 -0.72 1.63	18.21 -0.72 3.01	19.40 -0.81 4.37	16.33 -0.99 14.24	17.01 -0.93 11.62	17.78 -0.78 6.14	18.17 -0.68 1.81	17.31 -0.59 0.03	18.40 -0.63 0.13	18.38 -0.61 0.00	15.97 -0.44 0.00
NM_CAPITAL____DRP 24208	15.22 0.39 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.29 0.44 0.00	14.83 0.35 0.00	15.68 0.27 0.00	19.52 0.19 0.00	22.22 0.29 0.00	21.13 0.33 0.00	22.52 0.31 0.00	20.72 0.27 0.00	21.57 0.34 0.00	22.29 0.35 0.00	22.75 0.48 0.00	22.44 0.49 0.00	25.11 0.53 0.00	32.13 0.57 0.00	30.02 0.46 0.00	25.11 0.40 0.00	21.14 0.48 0.00	18.41 0.49 0.00	19.64 0.48 0.00	19.45 0.46 0.00	16.78 0.37 0.00
NM_CENTRAL____DRP 24181	14.74 -0.10 0.00	17.25 -0.13 0.00	16.98 -0.14 0.00	15.72 -0.14 0.00	14.38 -0.11 0.00	15.34 -0.08 0.00	19.24 -0.09 0.00	21.76 -0.17 0.00	20.62 -0.18 0.00	22.04 -0.16 0.00	20.31 -0.14 0.00	21.07 -0.17 0.00	21.72 -0.21 0.00	22.19 -0.25 -0.15	21.96 -0.28 -0.29	24.68 -0.31 -0.42	32.60 -0.33 -1.37	30.37 -0.31 -1.12	25.02 -0.28 -0.59	20.56 -0.27 -0.17	17.69 -0.24 0.00	18.91 -0.26 -0.01	18.74 -0.25 0.00	16.26 -0.15 0.00
NM_FRONTIER____DRP 24179	14.37 -0.46 0.00	16.90 -0.49 0.00	16.64 -0.49 0.00	15.37 -0.48 0.00	14.16 -0.33 0.00	15.40 -0.02 0.00	19.41 0.08 0.00	21.55 -0.38 0.00	19.93 -0.87 0.00	21.58 -0.62 0.00	19.88 -0.56 0.00	20.60 -0.63 0.00	21.27 -0.66 0.00	21.28 -1.00 0.00	20.79 -1.16 0.00	23.30 -1.28 0.00	30.06 -1.49 0.00	28.06 -1.50 0.00	23.27 -1.44 0.00	19.22 -1.44 0.00	16.58 -1.35 0.00	17.97 -1.19 0.00	18.08 -0.91 0.00	15.70 -0.71 0.00
NM_ST_REGIS____HYD 24053	15.10 0.27 0.00	17.72 0.33 0.00	17.46 0.34 0.00	16.18 0.33 0.00	14.82 0.33 0.00	15.89 0.47 0.00	20.00 0.67 0.00	22.74 0.81 0.00	21.50 0.70 0.00	22.93 0.72 0.00	21.07 0.61 0.00	21.83 0.59 0.00	22.52 0.59 0.00	22.88 0.56 -0.05	22.55 0.52 -0.08	25.25 0.56 -0.12	32.61 0.66 -0.39	30.35 0.47 -0.32	25.28 0.41 -0.17	20.96 0.26 -0.05	18.11 0.19 0.00	19.50 0.34 0.00	19.35 0.36 0.00	16.61 0.20 0.00
NORTHPORT____1 23551	15.74 0.91 0.00	18.25 0.86 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.13 0.71 0.00	20.20 0.87 0.00	23.03 1.10 0.00	22.00 1.20 0.00	23.47 1.27 0.00	21.76 1.32 0.00	22.57 1.33 0.00	23.47 1.54 0.00	59.09 1.42 -35.39	35.12 1.69 -11.48	33.55 1.83 -7.15	33.64 2.07 -0.01	53.82 2.09 -22.17	49.68 1.80 -23.18	100.02 1.55 -77.82	89.89 1.29 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.90 1.15 -28.34
NORTHPORT____2 23552	15.74 0.91 0.00	18.25 0.86 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.13 0.71 0.00	20.20 0.87 0.00	23.03 1.10 0.00	22.00 1.20 0.00	23.47 1.27 0.00	21.76 1.32 0.00	22.57 1.33 0.00	23.47 1.54 0.00	59.09 1.42 -35.39	35.12 1.69 -11.48	33.55 1.83 -7.15	33.64 2.07 -0.01	53.82 2.09 -22.17	49.68 1.80 -23.18	100.02 1.55 -77.82	89.89 1.29 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.90 1.15 -28.34
NORTHPORT____3 23553	15.61 0.77 0.00	18.10 0.71 0.00	17.81 0.69 0.00	16.50 0.65 0.00	15.07 0.58 0.00	15.99 0.57 0.00	20.00 0.67 0.00	22.81 0.88 0.00	21.78 0.98 0.00	23.26 1.06 0.00	21.59 1.14 0.00	22.38 1.14 0.00	23.28 1.35 0.00	58.95 1.29 -35.39	34.95 1.52 -11.48	33.29 1.57 -7.15	33.35 1.79 -0.01	53.55 1.82 -22.17	49.44 1.56 -23.18	99.82 1.35 -77.82	89.72 1.12 -70.68	54.71 1.20 -34.35	37.86 1.19 -17.68	45.75 1.01 -28.34
NORTHPORT____4 23650	15.61 0.77 0.00	18.10 0.71 0.00	17.81 0.69 0.00	16.50 0.65 0.00	15.07 0.58 0.00	15.99 0.57 0.00	20.00 0.67 0.00	22.81 0.88 0.00	21.78 0.98 0.00	23.26 1.06 0.00	21.59 1.14 0.00	22.38 1.14 0.00	23.28 1.35 0.00	58.95 1.29 -35.39	34.95 1.52 -11.48	33.29 1.57 -7.15	33.35 1.79 -0.01	53.55 1.82 -22.17	49.44 1.56 -23.18	99.82 1.35 -77.82	89.72 1.12 -70.68	54.71 1.20 -34.35	37.86 1.19 -17.68	45.75 1.01 -28.34
NORTHPORT____IC 23718	15.74 0.91 0.00	18.25 0.86 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.13 0.71 0.00	20.20 0.87 0.00	23.03 1.10 0.00	22.00 1.20 0.00	23.47 1.27 0.00	21.76 1.32 0.00	22.57 1.33 0.00	23.47 1.54 0.00	59.09 1.42 -35.39	35.12 1.69 -11.48	33.55 1.83 -7.15	33.64 2.07 -0.01	53.82 2.09 -22.17	49.68 1.80 -23.18	100.02 1.55 -77.82	89.89 1.29 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	45.90 1.15 -28.34

NORTH____COUNTRY_ESR 323785	15.26 0.42 0.00	17.82 0.43 0.00	17.58 0.46 0.00	16.31 0.46 0.00	14.92 0.43 0.00	15.94 0.52 0.00	20.06 0.73 0.00	22.82 0.89 0.00	21.59 0.79 0.00	23.09 0.88 0.00	21.14 0.69 0.00	21.88 0.64 0.00	22.53 0.60 0.00	22.92 0.65 0.00	22.59 0.64 0.00	25.22 0.64 0.00	32.32 0.77 0.00	30.40 0.84 0.00	25.46 0.75 0.00	21.17 0.51 0.00	18.28 0.35 0.00	19.46 0.30 0.00	19.30 0.31 0.00	16.58 0.17 0.00
NPX_GEN_1385_PROXY 323591	15.74 0.91 0.00	18.25 0.86 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.13 0.71 0.00	20.20 0.87 0.00	23.03 1.10 0.00	22.00 1.20 0.00	23.47 1.27 0.00	21.76 1.32 0.00	22.57 1.33 0.00	23.47 1.54 0.00	59.09 1.42 -35.39	35.12 1.69 -11.48	33.55 1.83 -7.15	33.64 2.07 -0.01	53.82 2.09 -22.17	49.68 1.80 -23.18	100.02 1.55 -77.82	89.89 1.29 -70.68	54.89 1.38 -34.35	38.04 1.37 -17.68	46.01 1.15 -28.45
NPX_GEN_CSC 323557	15.94 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.17 0.00	23.38 1.44 0.00	22.32 1.51 0.00	23.77 1.56 0.00	21.99 1.54 0.00	22.73 1.49 0.00	23.60 1.67 0.00	58.80 1.14 -35.39	34.88 1.45 -11.48	33.40 1.68 -7.15	33.20 1.64 -0.01	53.51 1.78 -22.17	49.49 1.60 -23.18	99.88 1.40 -77.82	89.70 1.10 -70.68	54.82 1.31 -34.35	37.93 1.26 -17.68	46.03 1.17 -28.45
NSINS_S_GLNS_FALLS 23858	15.95 1.11 0.00	18.65 1.27 0.00	18.37 1.25 0.00	17.02 1.17 0.00	15.55 1.06 0.00	16.55 1.13 0.00	20.83 1.50 0.00	23.62 1.69 0.00	22.33 1.53 0.00	23.82 1.61 0.00	21.87 1.42 0.00	22.71 1.47 0.00	23.36 1.42 0.00	23.67 1.39 0.00	23.30 1.35 0.00	26.11 1.53 0.00	33.60 2.05 0.00	31.67 2.11 0.00	26.70 1.99 0.00	22.43 1.78 0.00	19.59 1.66 0.00	20.93 1.77 0.00	20.70 1.71 0.00	17.71 1.30 0.00
NUCOR_STEEL____DRP 24197	14.96 0.12 0.00	17.44 0.05 0.00	17.15 0.03 0.00	15.88 0.03 0.00	14.53 0.05 0.00	15.52 0.10 0.00	19.50 0.17 0.00	22.05 0.12 0.00	20.87 0.07 0.00	22.29 0.08 0.00	20.52 0.07 0.00	21.28 0.04 0.00	21.96 0.03 0.00	22.55 -0.01 -0.28	22.43 -0.04 -0.52	25.30 -0.04 -0.76	34.10 0.07 -2.47	31.65 0.07 -2.01	25.86 0.08 -1.07	20.99 0.02 -0.31	17.93 0.00 0.00	19.18 0.00 -0.02	19.00 0.02 0.00	16.44 0.04 0.00
NUMBER_THREE_WT_PWR 323818	15.16 0.33 0.00	17.84 0.45 0.00	17.56 0.45 0.00	16.26 0.41 0.00	14.88 0.40 0.00	15.91 0.49 0.00	20.02 0.69 0.00	22.68 0.75 0.00	21.42 0.62 0.00	22.73 0.52 0.00	20.83 0.38 0.00	21.54 0.30 0.00	22.22 0.29 0.00	22.49 0.10 -0.11	22.17 0.01 -0.21	24.91 0.02 -0.31	32.92 0.36 -1.01	30.85 0.47 -0.82	25.64 0.50 -0.43	21.18 0.40 -0.13	18.32 0.39 0.00	19.59 0.42 -0.01	19.25 0.26 0.00	16.39 -0.02 0.00
NYISO_LBMP_REFERENCE 24008	14.83 0.00 0.00	17.38 0.00 0.00	17.12 0.00 0.00	15.85 0.00 0.00	14.49 0.00 0.00	15.42 0.00 0.00	19.33 0.00 0.00	21.93 0.00 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.45 0.00 0.00	21.24 0.00 0.00	21.93 0.00 0.00	22.28 0.00 0.00	21.95 0.00 0.00	24.58 0.00 0.00	31.55 0.00 0.00	29.56 0.00 0.00	24.71 0.00 0.00	20.66 0.00 0.00	17.93 0.00 0.00	19.16 0.00 0.00	18.99 0.00 0.00	16.41 0.00 0.00
NYPA_BRENTWD____GT 24164	15.87 1.03 0.00	18.39 1.00 0.00	18.09 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.27 0.85 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.41 0.00	23.69 1.49 0.00	21.96 1.51 0.00	22.74 1.50 0.00	23.65 1.72 0.00	59.24 1.58 -35.39	35.28 1.85 -11.48	33.79 2.07 -7.15	33.94 2.37 -0.01	54.14 2.41 -22.17	49.98 2.10 -23.18	100.27 1.79 -77.82	90.10 1.50 -70.68	55.05 1.54 -34.35	38.24 1.57 -17.68	46.06 1.32 -28.34
NYPA_GOWANUS____GT5 24156	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NYPA_GOWANUS____GT6 24157	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.78 0.97 0.00	23.28 1.08 0.00	21.45 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.55 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.40 1.00 0.00
NYPA_HARLEM_RVR_GT1 24160	15.51 0.68 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.91 0.50 0.00	19.97 0.64 0.00	22.76 0.83 0.00	21.69 0.89 0.00	23.22 1.02 0.00	21.33 0.88 0.00	22.29 1.05 0.00	23.17 1.24 0.00	23.63 1.36 0.00	23.39 1.45 0.00	26.20 1.62 0.00	33.40 1.84 0.00	31.41 1.84 0.00	26.19 1.48 0.00	21.96 1.30 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.15 1.16 0.00	17.33 0.92 0.00
NYPA_HARLEM_RVR_GT2 24161	15.51 0.68 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.91 0.50 0.00	19.97 0.64 0.00	22.76 0.83 0.00	21.69 0.89 0.00	23.22 1.02 0.00	21.33 0.88 0.00	22.29 1.05 0.00	23.17 1.24 0.00	23.63 1.36 0.00	23.39 1.45 0.00	26.20 1.62 0.00	33.40 1.84 0.00	31.41 1.84 0.00	26.19 1.48 0.00	21.96 1.30 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.15 1.16 0.00	17.33 0.92 0.00
NYPA_KENT____GT 24152	15.55 0.72 0.00	18.06 0.68 0.00	17.81 0.69 0.00	16.50 0.65 0.00	15.05 0.57 0.00	15.96 0.54 0.00	20.01 0.68 0.00	22.81 0.88 0.00	21.79 0.99 0.00	23.29 1.09 0.00	21.46 1.01 0.00	22.39 1.15 0.00	23.28 1.35 0.00	23.75 1.47 0.00	23.50 1.55 0.00	26.33 1.76 0.00	33.62 2.07 0.00	31.59 2.03 0.00	26.37 1.67 0.00	22.09 1.43 0.00	19.14 1.21 0.00	20.41 1.26 0.00	20.21 1.22 0.00	17.39 0.98 0.00
NYPA_POUCH1____GT 24155	15.52 0.68 0.00	18.04 0.65 0.00	17.80 0.68 0.00	16.49 0.64 0.00	15.04 0.55 0.00	15.95 0.53 0.00	19.97 0.65 0.00	22.75 0.82 0.00	21.72 0.92 0.00	23.21 1.01 0.00	21.37 0.92 0.00	22.30 1.06 0.00	23.18 1.25 0.00	23.67 1.39 0.00	23.43 1.48 0.00	26.27 1.69 0.00	33.57 2.02 0.00	31.56 1.99 0.00	26.35 1.64 0.00	22.07 1.42 0.00	19.13 1.20 0.00	20.41 1.25 0.00	20.22 1.23 0.00	17.39 0.98 0.00
NYPA_VERNON____GT2 24162	15.54 0.71 0.00	18.05 0.66 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.94 0.52 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.31 1.10 0.00	21.46 1.01 0.00	22.40 1.16 0.00	23.28 1.35 0.00	23.76 1.48 0.00	23.50 1.56 0.00	26.32 1.74 0.00	33.60 2.04 0.00	31.57 2.01 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.12 1.19 0.00	20.39 1.23 0.00	20.19 1.20 0.00	17.37 0.96 0.00

NYPA_VERNON____GT3 24163	15.54 0.71 0.00	18.05 0.66 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.94 0.52 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.31 1.10 0.00	21.46 1.01 0.00	22.40 1.16 0.00	23.28 1.35 0.00	23.76 1.48 0.00	23.50 1.56 0.00	26.32 1.74 0.00	33.60 2.04 0.00	31.57 2.01 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.12 1.19 0.00	20.39 1.23 0.00	20.19 1.20 0.00	17.37 0.96 0.00
NYPA____ASTORIA_CC1 323568	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
NYPA____ASTORIA_CC2 323569	15.52 0.69 0.00	18.02 0.64 0.00	17.77 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	19.97 0.64 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.42 0.97 0.00	22.35 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.51 0.00	26.26 1.68 0.00	33.52 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.03 1.37 0.00	19.08 1.16 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
NYPA____HOLTSVILL 23794	15.83 0.99 0.00	18.34 0.95 0.00	18.05 0.93 0.00	16.73 0.88 0.00	15.28 0.79 0.00	16.23 0.81 0.00	20.33 1.00 0.00	23.18 1.25 0.00	22.14 1.34 0.00	23.60 1.40 0.00	21.86 1.41 0.00	22.62 1.38 0.00	23.50 1.57 0.00	58.98 1.32 -35.39	35.05 1.62 -11.48	33.53 1.81 -7.15	33.54 1.98 -0.01	53.78 2.05 -22.17	49.69 1.81 -23.18	100.02 1.55 -77.82	89.87 1.27 -70.68	54.88 1.37 -34.35	38.03 1.36 -17.68	45.92 1.17 -28.34
NYPA____HELLGATE_GT1 24158	15.51 0.68 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.91 0.50 0.00	19.97 0.64 0.00	22.76 0.83 0.00	21.69 0.89 0.00	23.22 1.02 0.00	21.33 0.88 0.00	22.29 1.05 0.00	23.17 1.24 0.00	23.63 1.36 0.00	23.39 1.45 0.00	26.20 1.62 0.00	33.40 1.84 0.00	31.41 1.84 0.00	26.19 1.48 0.00	21.96 1.30 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.15 1.16 0.00	17.33 0.92 0.00
NYPA____HELLGATE_GT2 24159	15.51 0.68 0.00	17.99 0.60 0.00	17.77 0.65 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.91 0.50 0.00	19.97 0.64 0.00	22.76 0.83 0.00	21.69 0.89 0.00	23.22 1.02 0.00	21.33 0.88 0.00	22.29 1.05 0.00	23.17 1.24 0.00	23.63 1.36 0.00	23.39 1.45 0.00	26.20 1.62 0.00	33.40 1.84 0.00	31.41 1.84 0.00	26.19 1.48 0.00	21.96 1.30 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.15 1.16 0.00	17.33 0.92 0.00
NYS_BARGE____HYD 23848	14.51 -0.33 0.00	16.87 -0.37 0.15	16.73 -0.36 0.03	15.46 -0.36 0.02	14.27 -0.22 0.00	15.36 0.13 0.19	19.28 0.28 0.33	21.80 -0.13 0.00	20.33 -0.47 0.00	22.06 -0.14 0.00	20.31 -0.13 0.00	21.03 -0.21 0.00	21.71 -0.22 0.00	21.74 -0.53 0.00	21.26 -0.68 0.00	23.84 -0.74 0.00	30.77 -0.78 0.00	28.74 -0.82 0.00	23.85 -0.86 0.00	19.70 -0.96 0.00	16.99 -0.93 0.00	18.40 -0.75 0.00	18.47 -0.52 0.00	15.99 -0.42 0.00
OAK ORCHARD____HYD 24046	14.73 -0.11 0.00	17.19 -0.12 0.08	16.97 -0.14 0.02	15.69 -0.14 0.01	14.43 -0.06 0.00	15.48 0.15 0.10	19.44 0.28 0.17	22.05 0.12 0.00	20.75 -0.05 0.00	22.35 0.14 0.00	20.59 0.13 0.00	21.33 0.08 0.00	22.01 0.08 0.00	22.21 -0.07 0.00	21.75 -0.19 0.00	24.38 -0.20 0.00	31.46 -0.10 0.00	29.43 -0.12 0.00	24.51 -0.20 0.00	20.34 -0.32 0.00	17.57 -0.36 0.00	18.88 -0.28 0.00	18.80 -0.19 0.00	16.26 -0.15 0.00
OAKDALE__35_KV_LOAD 356122	14.90 0.07 0.00	17.42 0.03 0.00	17.15 0.03 0.00	15.87 0.02 0.00	14.52 0.03 0.00	15.49 0.07 0.00	19.48 0.15 0.00	22.10 0.16 0.00	20.94 0.13 0.00	22.41 0.21 0.00	20.64 0.18 0.00	21.42 0.18 0.00	22.19 0.26 0.00	22.60 0.21 -0.11	22.33 0.18 -0.21	25.11 0.24 -0.30	32.92 0.39 -0.98	30.66 0.30 -0.80	25.36 0.24 -0.42	20.91 0.13 -0.12	18.02 0.10 0.00	19.28 0.12 -0.01	19.16 0.17 0.00	16.51 0.11 0.00
OCC_CHEM____DRP 24175	14.39 -0.44 0.00	16.92 -0.46 0.00	16.66 -0.46 0.00	15.39 -0.45 0.00	14.18 -0.31 0.00	15.43 0.01 0.00	19.44 0.11 0.00	21.59 -0.34 0.00	19.98 -0.82 0.00	21.64 -0.57 0.00	19.94 -0.51 0.00	20.66 -0.58 0.00	21.33 -0.60 0.00	21.34 -0.94 0.00	20.84 -1.10 0.00	23.37 -1.21 0.00	30.14 -1.41 0.00	28.14 -1.43 0.00	23.34 -1.37 0.00	19.27 -1.39 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.12 -0.88 0.00	15.73 -0.68 0.00
OH_GEN_PROXY 24063	14.41 -0.42 0.00	16.76 -0.45 0.17	16.64 -0.45 0.04	15.38 -0.45 0.03	14.18 -0.30 0.00	15.20 0.00 0.22	19.03 0.09 0.38	21.67 -0.26 0.00	20.24 -0.56 0.00	21.90 -0.31 0.00	20.19 -0.27 0.00	20.91 -0.33 0.00	21.61 -0.32 0.00	21.66 -0.62 0.00	21.16 -0.78 0.00	23.73 -0.84 0.00	30.66 -0.89 0.00	28.62 -0.94 0.00	23.73 -0.97 0.00	19.60 -1.06 0.00	16.90 -1.02 0.00	18.27 -0.89 0.00	18.32 -0.67 0.00	15.97 -0.55 -0.11
OLIN_CORP_DRP 24177	14.33 -0.50 0.00	16.80 -0.58 0.00	16.56 -0.56 0.00	15.30 -0.55 0.00	14.10 -0.38 0.00	15.37 -0.04 0.00	19.38 0.05 0.00	21.51 -0.42 0.00	20.02 -0.78 0.00	21.75 -0.46 0.00	20.02 -0.43 0.00	20.75 -0.49 0.00	21.42 -0.51 0.00	21.43 -0.84 0.00	20.94 -1.00 0.00	23.48 -1.10 0.00	30.29 -1.26 0.00	28.29 -1.27 0.00	23.46 -1.25 0.00	19.38 -1.28 0.00	16.72 -1.21 0.00	18.12 -1.04 0.00	18.21 -0.78 0.00	15.79 -0.62 0.00
OLIN_CORP_DSASP 323712	14.39 -0.44 0.00	16.76 -0.46 0.16	16.63 -0.46 0.03	15.37 -0.46 0.03	14.18 -0.31 0.00	15.22 0.01 0.20	19.08 0.11 0.36	21.59 -0.34 0.00	19.98 -0.82 0.00	21.63 -0.57 0.00	19.94 -0.50 0.00	20.66 -0.58 0.00	21.32 -0.60 0.00	21.34 -0.93 0.00	20.85 -1.10 0.00	23.37 -1.21 0.00	30.15 -1.40 0.00	28.14 -1.42 0.00	23.34 -1.37 0.00	19.28 -1.38 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.13 -0.87 0.00	15.73 -0.67 0.00
ONEIDA_HERK_LFGE 323681	15.13 0.29 0.00	17.75 0.36 0.00	17.48 0.36 0.00	16.18 0.33 0.00	14.80 0.31 0.00	15.80 0.38 0.00	19.85 0.53 0.00	22.50 0.57 0.00	21.31 0.50 0.00	22.67 0.47 0.00	20.84 0.40 0.00	21.60 0.36 0.00	22.29 0.36 0.00	22.62 0.28 -0.06	22.31 0.24 -0.11	25.04 0.30 -0.17	32.67 0.57 -0.55	30.58 0.58 -0.45	25.49 0.55 -0.24	21.19 0.46 -0.07	18.35 0.42 0.00	19.61 0.44 0.00	19.34 0.35 0.00	16.60 0.19 0.00
ONEIDA____115KV_TB4 55905	15.14 0.30 0.00	17.73 0.34 0.00	17.46 0.34 0.00	16.16 0.31 0.00	14.78 0.30 0.00	15.78 0.36 0.00	19.83 0.50 0.00	22.45 0.51 0.00	21.25 0.45 0.00	22.65 0.45 0.00	20.85 0.41 0.00	21.62 0.38 0.00	22.33 0.40 0.00	22.73 0.37 -0.09	22.45 0.35 -0.16	25.22 0.41 -0.23	32.99 0.68 -0.76	30.84 0.67 -0.62	25.63 0.59 -0.33	21.27 0.52 -0.10	18.39 0.46 0.00	19.64 0.48 -0.01	19.43 0.44 0.00	16.74 0.33 0.00

ONONDAGA_REF_OCCRA 23987	14.81 -0.02 0.00	17.34 -0.05 0.00	17.07 -0.05 0.00	15.79 -0.06 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.35 0.02 0.00	21.89 -0.04 0.00	20.74 -0.06 0.00	22.15 -0.05 0.00	20.41 -0.04 0.00	21.18 -0.06 0.00	21.85 -0.09 0.00	22.34 -0.12 -0.19	22.15 -0.15 -0.35	24.93 -0.16 -0.51	33.10 -0.12 -1.66	30.79 -0.12 -1.36	25.33 -0.10 -0.72	20.75 -0.11 -0.21	17.82 -0.11 0.00	19.05 -0.12 -0.02	18.88 -0.11 0.00	16.35 -0.05 0.00
ONONDAGA___COGEN 23986	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
ONTARIO___LFGE 23819	14.88 0.04 0.00	17.38 -0.01 0.00	17.11 -0.01 0.00	15.83 -0.02 0.00	14.51 0.02 0.00	15.57 0.15 0.00	19.63 0.30 0.00	22.22 0.29 0.00	21.02 0.22 0.00	22.50 0.29 0.00	20.67 0.21 0.00	21.41 0.17 0.00	22.17 0.23 0.00	22.48 0.11 -0.10	22.17 0.04 -0.18	24.94 0.10 -0.26	32.62 0.21 -0.86	30.47 0.21 -0.70	25.31 0.23 -0.37	20.88 0.11 -0.11	17.96 0.03 0.00	19.22 0.06 -0.01	19.08 0.09 0.00	16.41 0.00 0.00
ORANGEVILLE_WT_PWR 323706	14.65 -0.18 0.00	17.12 -0.20 0.05	16.93 -0.18 0.01	15.64 -0.20 0.01	14.38 -0.11 0.00	15.48 0.12 0.07	19.51 0.30 0.12	22.05 0.12 0.00	20.73 -0.07 0.00	22.36 0.16 0.00	20.56 0.11 0.00	21.33 0.09 0.00	22.07 0.13 0.00	22.15 -0.12 0.00	21.68 -0.27 0.00	24.35 -0.23 0.00	31.39 -0.16 0.00	29.25 -0.31 0.00	24.33 -0.38 0.00	20.10 -0.55 0.00	17.32 -0.61 0.00	18.65 -0.51 0.00	18.64 -0.35 0.00	15.99 -0.42 0.00
ORANGEVILLE___ESR 323794	14.65 -0.18 0.00	17.12 -0.20 0.05	16.93 -0.18 0.01	15.64 -0.20 0.01	14.38 -0.11 0.00	15.48 0.12 0.07	19.51 0.30 0.12	22.05 0.12 0.00	20.73 -0.07 0.00	22.36 0.16 0.00	20.56 0.11 0.00	21.33 0.09 0.00	22.07 0.13 0.00	22.15 -0.12 0.00	21.68 -0.27 0.00	24.35 -0.23 0.00	31.39 -0.16 0.00	29.25 -0.31 0.00	24.33 -0.38 0.00	20.10 -0.55 0.00	17.32 -0.61 0.00	18.65 -0.51 0.00	18.64 -0.35 0.00	15.99 -0.42 0.00
OSWEGATCHIE___HYD 24044	15.07 0.23 0.00	17.71 0.33 0.00	17.44 0.33 0.00	16.15 0.30 0.00	14.79 0.30 0.00	15.85 0.43 0.00	19.94 0.61 0.00	22.61 0.68 0.00	21.37 0.57 0.00	22.70 0.50 0.00	20.83 0.38 0.00	21.58 0.34 0.00	22.26 0.33 0.00	22.59 0.22 -0.10	22.28 0.15 -0.18	24.98 0.15 -0.26	32.74 0.34 -0.85	30.55 0.29 -0.69	25.38 0.30 -0.36	20.97 0.20 -0.11	18.12 0.19 0.00	19.48 0.32 -0.01	19.24 0.25 0.00	16.46 0.06 0.00
OSWEGO___5 23606	14.57 -0.26 0.00	17.06 -0.32 0.00	16.80 -0.32 0.00	15.55 -0.30 0.00	14.23 -0.26 0.00	15.17 -0.25 0.00	19.01 -0.32 0.00	21.50 -0.43 0.00	20.37 -0.43 0.00	21.77 -0.44 0.00	20.05 -0.40 0.00	20.80 -0.45 0.00	21.43 -0.50 0.00	22.93 -0.54 -1.20	23.61 -0.55 -2.22	27.18 -0.61 -3.22	41.29 -0.73 -10.47	37.42 -0.69 -8.55	28.65 -0.58 -4.52	21.47 -0.51 -1.33	17.49 -0.45 -0.02	18.77 -0.48 -0.09	18.53 -0.46 0.00	16.08 -0.33 0.00
OSWEGO___6 23613	14.57 -0.26 0.00	17.06 -0.32 0.00	16.80 -0.32 0.00	15.55 -0.30 0.00	14.23 -0.26 0.00	15.17 -0.25 0.00	19.01 -0.32 0.00	21.50 -0.43 0.00	20.37 -0.43 0.00	21.77 -0.44 0.00	20.05 -0.40 0.00	20.80 -0.45 0.00	21.43 -0.50 0.00	22.93 -0.54 -1.20	23.61 -0.55 -2.22	27.18 -0.61 -3.22	41.29 -0.73 -10.47	37.42 -0.69 -8.55	28.65 -0.58 -4.52	21.47 -0.51 -1.33	17.49 -0.45 -0.02	18.77 -0.48 -0.09	18.53 -0.46 0.00	16.08 -0.33 0.00
OUTOKUMPU-AB___DRP 24206	14.59 -0.24 0.00	17.13 -0.26 0.00	16.87 -0.25 0.00	15.59 -0.26 0.00	14.36 -0.13 0.00	15.63 0.21 0.00	19.73 0.40 0.00	21.96 0.03 0.00	20.44 -0.36 0.00	22.17 -0.03 0.00	20.41 -0.04 0.00	21.15 -0.09 0.00	21.84 -0.10 0.00	21.87 -0.40 0.00	21.39 -0.56 0.00	23.98 -0.60 0.00	30.94 -0.62 0.00	28.88 -0.69 0.00	23.96 -0.74 0.00	19.77 -0.88 0.00	17.07 -0.86 0.00	18.46 -0.69 0.00	18.52 -0.47 0.00	16.03 -0.38 0.00
OXBOW____ 24026	14.53 -0.30 0.00	16.91 -0.31 0.16	16.77 -0.31 0.03	15.50 -0.32 0.03	14.30 -0.18 0.00	15.37 0.15 0.20	19.27 0.31 0.36	21.84 -0.10 0.00	20.27 -0.53 0.00	21.97 -0.24 0.00	20.24 -0.20 0.00	20.97 -0.27 0.00	21.65 -0.29 0.00	21.68 -0.60 0.00	21.19 -0.75 0.00	23.76 -0.82 0.00	30.65 -0.91 0.00	28.60 -0.96 0.00	23.73 -0.98 0.00	19.59 -1.07 0.00	16.90 -1.03 0.00	18.30 -0.86 0.00	18.38 -0.61 0.00	15.93 -0.48 0.00
OXY_CHEM_DSASP 323612	14.39 -0.44 0.00	16.92 -0.46 0.00	16.66 -0.46 0.00	15.39 -0.45 0.00	14.18 -0.31 0.00	15.43 0.01 0.00	19.44 0.11 0.00	21.59 -0.34 0.00	19.98 -0.82 0.00	21.64 -0.57 0.00	19.94 -0.51 0.00	20.66 -0.58 0.00	21.33 -0.60 0.00	21.34 -0.94 0.00	20.84 -1.10 0.00	23.37 -1.21 0.00	30.14 -1.41 0.00	28.14 -1.43 0.00	23.34 -1.37 0.00	19.27 -1.39 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.12 -0.88 0.00	15.73 -0.68 0.00
OZONE_PARK_ESR 323760	15.64 0.81 0.00	18.17 0.79 0.00	17.88 0.76 0.00	16.57 0.72 0.00	15.12 0.64 0.00	16.03 0.61 0.00	20.14 0.81 0.00	22.99 1.06 0.00	21.96 1.16 0.00	23.46 1.26 0.00	21.63 1.18 0.00	22.57 1.33 0.00	23.46 1.53 0.00	23.94 1.66 0.00	23.68 1.73 0.00	26.51 1.94 0.00	33.87 2.31 0.00	31.80 2.24 0.00	26.55 1.84 0.00	22.24 1.58 0.00	19.26 1.33 0.00	20.55 1.39 0.00	20.34 1.35 0.00	17.49 1.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.39 -0.44 0.00	16.92 -0.46 0.00	16.66 -0.46 0.00	15.39 -0.45 0.00	14.18 -0.31 0.00	15.43 0.01 0.00	19.44 0.11 0.00	21.59 -0.34 0.00	19.98 -0.82 0.00	21.64 -0.57 0.00	19.94 -0.51 0.00	20.66 -0.58 0.00	21.33 -0.60 0.00	21.34 -0.94 0.00	20.84 -1.10 0.00	23.37 -1.21 0.00	30.14 -1.41 0.00	28.14 -1.43 0.00	23.34 -1.37 0.00	19.27 -1.39 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.12 -0.88 0.00	15.73 -0.68 0.00
PACKARD__115KV_DUPONT_184 80571	14.39 -0.44 0.00	16.92 -0.46 0.00	16.66 -0.46 0.00	15.39 -0.45 0.00	14.18 -0.31 0.00	15.43 0.01 0.00	19.44 0.11 0.00	21.59 -0.34 0.00	19.98 -0.82 0.00	21.64 -0.57 0.00	19.94 -0.51 0.00	20.66 -0.58 0.00	21.33 -0.60 0.00	21.34 -0.94 0.00	20.84 -1.10 0.00	23.37 -1.21 0.00	30.14 -1.41 0.00	28.14 -1.43 0.00	23.34 -1.37 0.00	19.27 -1.39 0.00	16.63 -1.30 0.00	18.01 -1.15 0.00	18.12 -0.88 0.00	15.73 -0.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.53 0.70 0.00	18.05 0.66 0.00	17.82 0.69 0.00	16.49 0.65 0.00	15.05 0.56 0.00	15.96 0.54 0.00	20.00 0.67 0.00	22.80 0.87 0.00	21.75 0.95 0.00	23.26 1.06 0.00	21.40 0.95 0.00	22.34 1.10 0.00	23.22 1.29 0.00	23.68 1.40 0.00	23.43 1.49 0.00	26.25 1.67 0.00	33.49 1.94 0.00	31.48 1.92 0.00	26.25 1.55 0.00	22.01 1.35 0.00	19.09 1.16 0.00	20.36 1.20 0.00	20.18 1.19 0.00	17.36 0.96 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.53 0.70 0.00	18.05 0.66 0.00	17.83 0.71 0.00	16.50 0.65 0.00	15.05 0.56 0.00	15.98 0.56 0.00	20.06 0.73 0.00	22.90 0.97 0.00	21.82 1.02 0.00	23.33 1.13 0.00	21.42 0.97 0.00	22.37 1.13 0.00	23.25 1.32 0.00	23.69 1.42 0.00	23.44 1.50 0.00	26.25 1.67 0.00	33.49 1.94 0.00	31.49 1.93 0.00	26.26 1.55 0.00	22.01 1.35 0.00	19.09 1.16 0.00	20.36 1.21 0.00	20.18 1.19 0.00	17.36 0.96 0.00
PATROON__115KV_TB1 80586	15.25 0.42 0.00	17.87 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.55 0.22 0.00	22.25 0.32 0.00	21.16 0.35 0.00	22.55 0.35 0.00	20.75 0.30 0.00	21.61 0.37 0.00	22.33 0.40 0.00	22.79 0.51 0.00	22.48 0.53 0.00	25.16 0.58 0.00	32.21 0.65 0.00	30.12 0.55 0.00	25.18 0.48 0.00	21.18 0.53 0.00	18.45 0.52 0.00	19.67 0.51 0.00	19.47 0.48 0.00	16.79 0.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.70 -0.13 0.00	17.24 -0.15 0.00	16.98 -0.15 0.00	15.69 -0.16 0.00	14.43 -0.06 0.00	15.66 0.24 0.00	19.78 0.46 0.00	22.18 0.24 0.00	20.80 0.00 0.00	22.50 0.29 0.00	20.72 0.28 0.00	21.46 0.22 0.00	22.22 0.28 0.00	22.25 -0.03 0.00	21.74 -0.21 0.00	24.39 -0.18 0.00	31.52 -0.04 0.00	29.39 -0.17 0.00	24.39 -0.32 0.00	20.14 -0.51 0.00	17.43 -0.50 0.00	18.79 -0.36 0.00	18.81 -0.18 0.00	16.21 -0.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.57 0.74 0.00	18.11 0.73 0.00	17.84 0.71 0.00	16.52 0.67 0.00	15.08 0.60 0.00	16.00 0.58 0.00	20.10 0.77 0.00	22.95 1.02 0.00	21.88 1.08 0.00	23.34 1.14 0.00	21.50 1.06 0.00	22.39 1.15 0.00	23.25 1.32 0.00	23.72 1.45 0.00	23.46 1.51 0.00	26.26 1.69 0.00	33.59 2.04 0.00	31.55 1.99 0.00	26.38 1.67 0.00	22.11 1.45 0.00	19.19 1.26 0.00	20.45 1.30 0.00	20.22 1.23 0.00	17.39 0.98 0.00
PEEKSKILL____ 23653	15.44 0.60 0.00	17.95 0.56 0.00	17.67 0.55 0.00	16.37 0.52 0.00	14.94 0.45 0.00	15.83 0.41 0.00	19.86 0.53 0.00	22.66 0.73 0.00	21.62 0.82 0.00	23.10 0.90 0.00	21.29 0.84 0.00	22.19 0.95 0.00	23.06 1.13 0.00	23.52 1.24 0.00	23.25 1.31 0.00	26.04 1.46 0.00	33.28 1.72 0.00	31.23 1.67 0.00	26.10 1.40 0.00	21.87 1.21 0.00	18.96 1.03 0.00	20.22 1.07 0.00	20.02 1.03 0.00	17.23 0.82 0.00
PGE MADISON__WINDPWR 24146	15.73 0.90 0.00	18.49 1.06 -0.04	18.19 1.06 -0.01	16.81 0.95 -0.01	15.38 0.89 0.00	16.52 1.05 -0.05	20.85 1.43 -0.09	23.44 1.51 0.00	22.07 1.27 0.00	23.44 1.24 0.00	21.50 1.05 0.00	22.15 0.91 0.00	22.91 0.98 0.00	23.39 0.99 -0.12	22.99 0.82 -0.23	25.86 0.95 -0.33	34.03 1.41 -1.07	32.04 1.61 -0.87	26.67 1.50 -0.46	22.23 1.43 -0.14	19.22 1.29 0.00	20.53 1.36 -0.01	20.34 1.35 0.00	17.43 1.02 0.00
PIERCEFIELD__HYD 23852	15.01 0.17 0.00	17.62 0.24 0.00	17.37 0.25 0.00	16.09 0.24 0.00	14.73 0.25 0.00	15.82 0.40 0.00	19.89 0.56 0.00	22.60 0.67 0.00	21.37 0.57 0.00	22.78 0.57 0.00	20.95 0.50 0.00	21.72 0.48 0.00	22.41 0.48 0.00	22.76 0.43 -0.05	22.43 0.39 -0.09	25.13 0.42 -0.13	32.47 0.48 -0.44	30.15 0.23 -0.36	25.10 0.21 -0.19	20.81 0.10 -0.06	17.99 0.06 0.00	19.43 0.27 0.00	19.28 0.29 0.00	16.56 0.15 0.00
PINELAWN_CC_1 323563	15.75 0.91 0.00	18.26 0.87 0.00	17.96 0.84 0.00	16.64 0.79 0.00	15.20 0.71 0.00	16.14 0.72 0.00	20.22 0.89 0.00	23.07 1.14 0.00	22.03 1.23 0.00	23.49 1.29 0.00	21.74 1.30 0.00	22.55 1.31 0.00	23.46 1.53 0.00	59.15 1.48 -35.39	35.14 1.71 -11.48	33.61 1.89 -7.15	33.78 2.22 -0.01	53.99 2.25 -22.17	49.85 1.97 -23.18	100.16 1.69 -77.82	90.01 1.41 -70.68	55.01 1.50 -34.35	38.16 1.49 -17.68	45.98 1.23 -28.34
PJM_GEN_HTP_PROXY 323702	15.51 0.68 0.00	18.01 0.63 0.00	17.74 0.63 0.00	16.44 0.59 0.00	15.01 0.52 0.00	15.90 0.48 0.00	19.56 0.65 0.42	22.79 0.86 0.00	21.76 0.96 0.00	23.26 1.05 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.26 1.33 0.00	23.72 1.45 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.54 1.98 0.00	31.48 1.92 0.00	26.29 1.59 0.00	22.02 1.36 0.00	19.06 1.13 0.00	20.33 1.17 0.00	20.13 1.14 0.00	17.65 0.91 -0.33
PJM_GEN_KEystone 24065	14.96 0.13 0.00	12.51 0.03 4.90	12.48 0.03 4.67	11.99 0.04 3.89	10.72 0.04 3.81	15.29 0.11 0.23	18.70 0.20 0.83	22.15 0.23 0.00	21.06 0.26 0.00	22.60 0.40 0.00	20.82 0.38 0.00	21.64 0.40 0.00	22.48 0.56 0.00	22.84 0.52 -0.05	22.52 0.49 -0.08	25.28 0.58 -0.12	32.72 0.77 -0.39	30.54 0.66 -0.32	25.37 0.50 -0.17	21.02 0.32 -0.05	18.17 0.24 0.00	19.46 0.30 0.00	19.37 0.39 0.00	19.00 0.27 -2.33
PJM_GEN_NEPTUNE_PROXY 323594	15.58 0.74 0.00	18.06 0.68 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.04 0.56 0.00	15.95 0.53 0.00	19.55 0.63 0.42	22.77 0.84 0.00	21.75 0.95 0.00	23.22 1.02 0.00	21.49 1.04 0.00	22.31 1.08 0.00	23.22 1.28 0.00	38.65 1.27 -15.10	28.38 1.54 -4.90	29.35 1.70 -3.07	33.51 1.95 0.00	41.10 1.96 -9.57	36.39 1.67 -10.01	55.70 1.44 -33.60	49.65 1.21 -30.51	35.28 1.29 -14.83	27.90 1.28 -7.63	30.02 1.05 -12.56
PJM_GEN_VFT_PROXY 323633	15.45 0.62 0.00	17.96 0.58 0.00	17.68 0.57 0.00	16.39 0.55 0.00	14.96 0.47 0.00	15.83 0.41 0.00	19.46 0.55 0.42	22.68 0.75 0.00	21.66 0.86 0.00	23.15 0.94 0.00	21.33 0.88 0.00	22.26 1.02 0.00	23.15 1.22 0.00	23.63 1.36 0.00	23.37 1.43 0.00	26.14 1.57 0.00	33.40 1.85 0.00	31.35 1.79 0.00	26.19 1.49 0.00	21.93 1.27 0.00	18.99 1.07 0.00	20.27 1.12 0.00	20.07 1.08 0.00	17.61 0.87 -0.33
PLATSBURG_115KV_PMLD1 355749	15.49 0.65 0.00	18.06 0.68 0.00	17.82 0.70 0.00	16.53 0.68 0.00	15.11 0.63 0.00	16.14 0.73 0.00	20.33 1.00 0.00	23.13 1.20 0.00	21.87 1.07 0.00	23.43 1.23 0.00	21.42 0.97 0.00	22.17 0.93 0.00	22.78 0.85 0.00	23.21 0.93 0.00	22.88 0.94 0.00	25.53 0.95 0.00	32.70 1.15 0.00	30.75 1.19 0.00	25.78 1.08 0.00	21.49 0.84 0.00	18.54 0.61 0.00	19.68 0.53 0.00	19.55 0.56 0.00	16.78 0.37 0.00
PLEASANTVLY__LBMP 24000	15.40 0.57 0.00	17.93 0.55 0.00	17.67 0.55 0.00	16.37 0.52 0.00	14.94 0.45 0.00	15.82 0.40 0.00	19.84 0.51 0.00	22.63 0.69 0.00	21.58 0.77 0.00	23.02 0.81 0.00	21.20 0.76 0.00	22.09 0.86 0.00	22.93 1.00 0.00	23.38 1.11 0.00	23.12 1.17 0.00	25.87 1.29 0.00	33.06 1.50 0.00	31.00 1.44 0.00	25.91 1.20 0.00	21.73 1.07 0.00	18.87 0.94 0.00	20.13 0.98 0.00	19.94 0.95 0.00	17.17 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	15.48 0.65 0.00	18.00 0.62 0.00	17.73 0.61 0.00	16.43 0.58 0.00	15.00 0.51 0.00	15.89 0.47 0.00	19.94 0.61 0.00	22.75 0.82 0.00	21.71 0.91 0.00	23.18 0.98 0.00	21.36 0.91 0.00	22.27 1.03 0.00	23.13 1.20 0.00	23.58 1.31 0.00	23.32 1.38 0.00	26.11 1.54 0.00	33.37 1.82 0.00	31.32 1.76 0.00	26.17 1.46 0.00	21.93 1.27 0.00	19.03 1.10 0.00	20.29 1.13 0.00	20.08 1.09 0.00	17.29 0.88 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.48 0.65 0.00	18.00 0.62 0.00	17.73 0.61 0.00	16.43 0.58 0.00	15.00 0.51 0.00	15.89 0.47 0.00	19.94 0.61 0.00	22.75 0.82 0.00	21.71 0.91 0.00	23.18 0.98 0.00	21.36 0.91 0.00	22.27 1.03 0.00	23.13 1.20 0.00	23.58 1.31 0.00	23.32 1.38 0.00	26.11 1.54 0.00	33.37 1.82 0.00	31.32 1.76 0.00	26.17 1.46 0.00	21.93 1.27 0.00	19.03 1.10 0.00	20.29 1.13 0.00	20.08 1.09 0.00	17.29 0.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.49 0.66 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.45 0.60 0.00	15.02 0.54 0.00	15.92 0.50 0.00	19.98 0.65 0.00	22.81 0.88 0.00	21.73 0.93 0.00	23.17 0.97 0.00	21.33 0.88 0.00	22.21 0.97 0.00	23.07 1.13 0.00	23.52 1.24 0.00	23.25 1.31 0.00	26.05 1.47 0.00	33.34 1.79 0.00	31.30 1.74 0.00	26.18 1.48 0.00	21.95 1.30 0.00	19.07 1.14 0.00	20.32 1.17 0.00	20.10 1.11 0.00	17.30 0.89 0.00
POLETTI____ 23519	15.51 0.67 0.00	18.02 0.63 0.00	17.74 0.63 0.00	16.45 0.60 0.00	15.01 0.52 0.00	15.90 0.48 0.00	19.94 0.61 0.00	22.75 0.82 0.00	21.72 0.92 0.00	23.22 1.01 0.00	21.39 0.94 0.00	22.32 1.08 0.00	23.21 1.28 0.00	23.68 1.40 0.00	23.42 1.47 0.00	26.21 1.63 0.00	33.46 1.91 0.00	31.41 1.85 0.00	26.24 1.53 0.00	21.97 1.32 0.00	19.04 1.11 0.00	20.31 1.15 0.00	20.12 1.13 0.00	17.31 0.90 0.00
PORT_JEFF_3 23555	15.86 1.02 0.00	18.37 0.99 0.00	18.08 0.96 0.00	16.75 0.91 0.00	15.31 0.82 0.00	16.26 0.84 0.00	20.37 1.04 0.00	23.24 1.30 0.00	22.19 1.39 0.00	23.65 1.45 0.00	21.91 1.46 0.00	22.66 1.42 0.00	23.55 1.62 0.00	59.04 1.37 -35.39	35.11 1.68 -11.48	33.61 1.89 -7.15	33.64 2.07 -0.01	53.88 2.15 -22.17	49.77 1.89 -23.18	100.09 1.61 -77.82	89.92 1.32 -70.68	54.90 1.39 -34.35	38.09 1.42 -17.68	45.97 1.22 -28.34
PORT_JEFF_4 23616	15.86 1.02 0.00	18.37 0.99 0.00	18.08 0.96 0.00	16.75 0.91 0.00	15.31 0.82 0.00	16.26 0.84 0.00	20.37 1.04 0.00	23.24 1.30 0.00	22.19 1.39 0.00	23.65 1.45 0.00	21.91 1.46 0.00	22.66 1.42 0.00	23.55 1.62 0.00	59.04 1.37 -35.39	35.11 1.68 -11.48	33.61 1.89 -7.15	33.64 2.07 -0.01	53.88 2.15 -22.17	49.77 1.89 -23.18	100.09 1.61 -77.82	89.92 1.32 -70.68	54.90 1.39 -34.35	38.09 1.42 -17.68	45.97 1.22 -28.34
PORT_JEFF_IC 23713	15.87 1.04 0.00	18.39 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.28 0.86 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.42 0.00	23.68 1.47 0.00	21.94 1.49 0.00	22.68 1.44 0.00	23.57 1.64 0.00	59.05 1.39 -35.39	35.12 1.69 -11.48	33.63 1.90 -7.15	33.66 2.09 -0.01	53.91 2.18 -22.17	49.80 1.92 -23.18	100.11 1.63 -77.82	89.93 1.34 -70.68	54.85 1.34 -34.35	38.10 1.43 -17.68	45.98 1.23 -28.34
PPL PILGRIM_ST_GT1 24216	15.87 1.03 0.00	18.39 1.00 0.00	18.09 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.27 0.85 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.41 0.00	23.69 1.49 0.00	21.96 1.51 0.00	22.74 1.50 0.00	23.65 1.72 0.00	59.24 1.58 -35.39	35.28 1.85 -11.48	33.79 2.07 -7.15	33.94 2.37 -0.01	54.14 2.41 -22.17	49.98 2.10 -23.18	100.27 1.79 -77.82	90.10 1.50 -70.68	55.05 1.54 -34.35	38.24 1.57 -17.68	46.06 1.32 -28.34
PPL PILGRIM_ST_GT2 24217	15.87 1.03 0.00	18.39 1.00 0.00	18.09 0.98 0.00	16.77 0.92 0.00	15.32 0.83 0.00	16.27 0.85 0.00	20.40 1.07 0.00	23.26 1.33 0.00	22.22 1.41 0.00	23.69 1.49 0.00	21.96 1.51 0.00	22.74 1.50 0.00	23.65 1.72 0.00	59.24 1.58 -35.39	35.28 1.85 -11.48	33.79 2.07 -7.15	33.94 2.37 -0.01	54.14 2.41 -22.17	49.98 2.10 -23.18	100.27 1.79 -77.82	90.10 1.50 -70.68	55.05 1.54 -34.35	38.24 1.57 -17.68	46.06 1.32 -28.34
PPL_SHRM_GT3 24213	15.94 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.18 0.00	23.38 1.44 0.00	22.32 1.52 0.00	23.77 1.56 0.00	21.98 1.53 0.00	22.72 1.48 0.00	23.59 1.65 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.40 1.68 -7.15	33.21 1.65 -0.01	53.52 1.79 -22.17	49.49 1.60 -23.18	99.88 1.40 -77.82	89.70 1.11 -70.68	54.84 1.33 -34.35	37.93 1.27 -17.68	45.92 1.17 -28.34
PPL_SHRM_GT4 24214	15.94 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.18 0.00	23.38 1.44 0.00	22.32 1.52 0.00	23.77 1.56 0.00	21.98 1.53 0.00	22.72 1.48 0.00	23.59 1.65 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.40 1.68 -7.15	33.21 1.65 -0.01	53.52 1.79 -22.17	49.49 1.60 -23.18	99.88 1.40 -77.82	89.70 1.11 -70.68	54.84 1.33 -34.35	37.93 1.27 -17.68	45.92 1.17 -28.34
PROJECT____ORANGE 1 24174	14.74 -0.09 0.00	17.25 -0.13 0.00	16.99 -0.13 0.00	15.72 -0.13 0.00	14.38 -0.10 0.00	15.34 -0.08 0.00	19.25 -0.08 0.00	21.78 -0.15 0.00	20.63 -0.17 0.00	22.06 -0.15 0.00	20.32 -0.12 0.00	21.09 -0.15 0.00	21.74 -0.19 0.00	22.20 -0.23 -0.15	21.97 -0.26 -0.29	24.70 -0.29 -0.42	32.63 -0.29 -1.37	30.38 -0.29 -1.12	25.04 -0.26 -0.59	20.57 -0.26 -0.17	17.70 -0.23 0.00	18.92 -0.25 -0.01	18.76 -0.23 0.00	16.27 -0.14 0.00
PROJECT____ORANGE 2 24166	14.74 -0.09 0.00	17.25 -0.13 0.00	16.99 -0.13 0.00	15.72 -0.13 0.00	14.38 -0.10 0.00	15.34 -0.08 0.00	19.25 -0.08 0.00	21.78 -0.15 0.00	20.63 -0.17 0.00	22.06 -0.15 0.00	20.32 -0.12 0.00	21.09 -0.15 0.00	21.74 -0.19 0.00	22.20 -0.23 -0.15	21.97 -0.26 -0.29	24.70 -0.29 -0.42	32.63 -0.29 -1.37	30.38 -0.29 -1.12	25.04 -0.26 -0.59	20.57 -0.26 -0.17	17.70 -0.23 0.00	18.92 -0.25 -0.01	18.76 -0.23 0.00	16.27 -0.14 0.00
PUCKETT____SOLAR 323809	15.13 0.30 0.00	17.71 0.29 -0.04	17.41 0.29 -0.01	16.11 0.25 -0.01	14.74 0.25 0.00	15.78 0.32 -0.04	19.90 0.50 -0.08	22.42 0.49 0.00	21.16 0.36 0.00	22.56 0.35 0.00	20.72 0.28 0.00	21.52 0.28 0.00	22.27 0.34 0.00	22.67 0.29 -0.11	22.40 0.25 -0.21	25.25 0.37 -0.30	33.16 0.63 -0.97	31.02 0.66 -0.80	25.74 0.61 -0.42	21.27 0.49 -0.12	18.34 0.41 0.00	19.62 0.45 -0.01	19.47 0.48 0.00	16.76 0.35 0.00
PYRITES____HYD 24023	15.16 0.33 0.00	17.81 0.42 0.00	17.54 0.42 0.00	16.26 0.42 0.00	14.91 0.42 0.00	16.03 0.61 0.00	20.18 0.85 0.00	22.92 0.99 0.00	21.66 0.86 0.00	23.10 0.90 0.00	21.25 0.80 0.00	22.06 0.82 0.00	22.76 0.83 0.00	23.11 0.79 -0.05	22.77 0.74 -0.09	25.54 0.84 -0.12	33.04 1.08 -0.40	30.76 0.87 -0.33	25.59 0.71 -0.17	21.24 0.53 -0.05	18.35 0.42 0.00	19.77 0.61 0.00	19.57 0.58 0.00	16.79 0.38 0.00
QUAKERRD_115KV_BK1 80622	14.37 -0.46 0.00	16.85 -0.54 0.00	16.58 -0.54 0.00	15.34 -0.51 0.00	14.08 -0.41 0.00	15.15 -0.27 0.00	19.06 -0.26 0.00	21.44 -0.49 0.00	20.18 -0.62 0.00	21.68 -0.52 0.00	19.97 -0.48 0.00	20.70 -0.54 0.00	21.36 -0.57 0.00	21.58 -0.70 0.00	21.18 -0.77 0.00	23.72 -0.85 0.00	30.61 -0.95 0.00	28.66 -0.90 0.00	23.90 -0.81 0.00	19.84 -0.82 0.00	17.15 -0.77 0.00	18.40 -0.76 0.00	18.29 -0.70 0.00	15.83 -0.58 0.00

QUENSBRY_115KV_TB8 356137	15.98 1.15 0.00	18.68 1.29 0.00	18.41 1.29 0.00	17.06 1.21 0.00	15.58 1.10 0.00	16.60 1.18 0.00	20.91 1.58 0.00	23.69 1.76 0.00	22.39 1.59 0.00	23.90 1.69 0.00	21.93 1.48 0.00	22.77 1.53 0.00	23.41 1.47 0.00	23.70 1.42 0.00	23.33 1.38 0.00	26.14 1.57 0.00	33.66 2.11 0.00	31.73 2.17 0.00	26.77 2.07 0.00	22.49 1.83 0.00	19.65 1.72 0.00	20.99 1.83 0.00	20.78 1.79 0.00	17.75 1.34 0.00
RAMAPO____LBMP 323565	15.37 0.54 0.00	17.86 0.48 0.00	17.59 0.47 0.00	16.30 0.45 0.00	14.88 0.39 0.00	15.76 0.34 0.00	19.77 0.44 0.00	22.55 0.62 0.00	21.53 0.73 0.00	23.00 0.80 0.00	21.20 0.75 0.00	22.11 0.87 0.00	22.98 1.05 0.00	23.43 1.16 0.00	23.17 1.22 0.00	25.94 1.37 0.00	33.18 1.63 0.00	31.14 1.58 0.00	26.02 1.31 0.00	21.78 1.13 0.00	18.89 0.96 0.00	20.15 1.00 0.00	19.96 0.97 0.00	17.18 0.77 0.00
RANKINE____ 23646	14.67 -0.17 0.00	17.22 -0.17 0.00	16.95 -0.17 0.00	15.67 -0.18 0.00	14.41 -0.07 0.00	15.66 0.24 0.00	19.77 0.45 0.00	22.12 0.19 0.00	20.71 -0.09 0.00	22.41 0.20 0.00	20.64 0.19 0.00	21.39 0.15 0.00	22.13 0.20 0.00	22.17 -0.11 0.00	21.67 -0.28 0.00	24.31 -0.27 0.00	31.40 -0.15 0.00	29.28 -0.28 0.00	24.30 -0.41 0.00	20.05 -0.61 0.00	17.31 -0.61 0.00	18.68 -0.47 0.00	18.70 -0.29 0.00	16.13 -0.27 0.00
RAVENSWOOD_GT2_1 24244	15.52 0.68 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD_GT2_2 24245	15.52 0.68 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD_GT2_3 24246	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.25 1.32 0.00	23.72 1.44 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.98 0.00	31.48 1.92 0.00	26.29 1.59 0.00	22.02 1.37 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
RAVENSWOOD_GT2_4 24247	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.77 0.97 0.00	23.27 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.25 1.32 0.00	23.72 1.44 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.98 0.00	31.48 1.92 0.00	26.29 1.59 0.00	22.02 1.37 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
RAVENSWOOD_GT3_1 24248	15.52 0.68 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD_GT3_2 24249	15.52 0.68 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD_GT3_3 24250	15.54 0.71 0.00	18.05 0.67 0.00	17.78 0.66 0.00	16.48 0.62 0.00	15.04 0.55 0.00	15.93 0.51 0.00	20.00 0.67 0.00	22.83 0.89 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.39 1.15 0.00	23.28 1.35 0.00	23.75 1.47 0.00	23.49 1.54 0.00	26.29 1.71 0.00	33.58 2.03 0.00	31.53 1.96 0.00	26.33 1.62 0.00	22.05 1.39 0.00	19.10 1.17 0.00	20.37 1.22 0.00	20.18 1.19 0.00	17.36 0.95 0.00
RAVENSWOOD_GT3_4 24251	15.54 0.71 0.00	18.05 0.67 0.00	17.78 0.66 0.00	16.48 0.62 0.00	15.04 0.55 0.00	15.93 0.51 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.39 1.15 0.00	23.28 1.35 0.00	23.75 1.47 0.00	23.49 1.54 0.00	26.29 1.71 0.00	33.58 2.02 0.00	31.53 1.96 0.00	26.33 1.62 0.00	22.05 1.39 0.00	19.10 1.17 0.00	20.37 1.22 0.00	20.17 1.18 0.00	17.35 0.95 0.00
RAVENSWOOD_GT_1 23729	15.54 0.71 0.00	18.05 0.66 0.00	17.79 0.67 0.00	16.49 0.64 0.00	15.05 0.56 0.00	15.94 0.52 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.31 1.10 0.00	21.46 1.01 0.00	22.40 1.16 0.00	23.28 1.35 0.00	23.76 1.48 0.00	23.50 1.56 0.00	26.32 1.74 0.00	33.60 2.04 0.00	31.57 2.01 0.00	26.35 1.64 0.00	22.07 1.41 0.00	19.12 1.19 0.00	20.39 1.23 0.00	20.19 1.20 0.00	17.37 0.96 0.00
RAVENSWOOD_GT_10 24258	15.52 0.69 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.34 0.92 0.00
RAVENSWOOD_GT_11 24259	15.52 0.69 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD_GT_4 24252	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.15 1.16 0.00	17.34 0.92 0.00



RAVENSWOOD_GT_5 24254	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.15 1.16 0.00	17.34 0.92 0.00
RAVENSWOOD_GT_6 24253	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.15 1.16 0.00	17.34 0.92 0.00
RAVENSWOOD_GT_7 24255	15.52 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.80 0.87 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.44 0.99 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.15 1.16 0.00	17.34 0.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.52 0.69 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.57 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.34 0.92 0.00
RAVENSWOOD_GT_9 24257	15.52 0.69 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.25 1.05 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.14 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD___1 23533	15.52 0.69 0.00	18.02 0.63 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.05 0.00	21.42 0.97 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.97 0.00	31.51 1.94 0.00	26.29 1.58 0.00	22.02 1.36 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
RAVENSWOOD___2 23534	15.52 0.69 0.00	18.02 0.63 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.05 0.00	21.42 0.97 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.97 0.00	31.51 1.94 0.00	26.29 1.58 0.00	22.02 1.36 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
RAVENSWOOD___3 23535	15.52 0.68 0.00	18.03 0.64 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.91 0.49 0.00	19.98 0.65 0.00	22.79 0.86 0.00	21.76 0.96 0.00	23.26 1.06 0.00	21.43 0.98 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.70 1.43 0.00	23.45 1.50 0.00	26.24 1.66 0.00	33.52 1.96 0.00	31.47 1.91 0.00	26.28 1.58 0.00	22.01 1.35 0.00	19.07 1.15 0.00	20.34 1.19 0.00	20.14 1.15 0.00	17.33 0.92 0.00
RAVENSWOOD___4 23820	15.52 0.69 0.00	18.02 0.63 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.05 0.00	21.42 0.97 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.97 0.00	31.51 1.94 0.00	26.29 1.58 0.00	22.02 1.36 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
RCPL_TRUST___DRP 24196	15.53 0.69 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.79 0.99 0.00	23.29 1.08 0.00	21.47 1.02 0.00	22.40 1.16 0.00	23.29 1.36 0.00	23.76 1.48 0.00	23.49 1.55 0.00	26.30 1.73 0.00	33.59 2.03 0.00	31.53 1.97 0.00	26.33 1.62 0.00	22.05 1.39 0.00	19.08 1.16 0.00	20.35 1.20 0.00	20.16 1.17 0.00	17.34 0.93 0.00
RED___ROCHESTER 323720	14.79 -0.04 0.00	17.26 -0.05 0.08	17.04 -0.07 0.02	15.76 -0.08 0.01	14.49 0.00 0.00	15.54 0.22 0.10	19.53 0.37 0.17	22.17 0.23 0.00	20.87 0.07 0.00	22.49 0.28 0.00	20.71 0.26 0.00	21.45 0.21 0.00	22.16 0.23 0.00	22.36 0.08 0.00	21.89 -0.06 0.00	24.52 -0.06 0.00	31.66 0.10 0.00	29.63 0.07 0.00	24.68 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.06 0.00
REGAN___SOLAR 323812	16.32 1.49 0.00	19.09 1.70 0.00	18.78 1.66 0.00	17.37 1.53 0.00	15.93 1.44 0.00	17.06 1.64 0.00	21.58 2.25 0.00	24.39 2.45 0.00	22.98 2.18 0.00	24.21 2.00 0.00	22.07 1.62 0.00	22.92 1.68 0.00	23.64 1.71 0.00	23.86 1.58 0.00	23.62 1.68 0.00	26.42 1.84 0.00	34.32 2.76 0.00	32.53 2.97 0.00	27.45 2.74 0.00	22.96 2.31 0.00	19.98 2.05 0.00	21.36 2.20 0.00	21.08 2.09 0.00	18.13 1.72 0.00
RENSSELAER___COGEN 23796	15.17 0.34 0.00	17.79 0.40 0.00	17.52 0.40 0.00	16.22 0.38 0.00	14.78 0.29 0.00	15.62 0.20 0.00	19.43 0.11 0.00	22.11 0.18 0.00	21.03 0.22 0.00	22.40 0.20 0.00	20.62 0.16 0.00	21.46 0.22 0.00	22.18 0.25 0.00	22.64 0.36 0.00	22.33 0.38 0.00	24.99 0.41 0.00	31.98 0.42 0.00	29.89 0.33 0.00	25.01 0.30 0.00	21.05 0.39 0.00	18.33 0.40 0.00	19.55 0.39 0.00	19.36 0.37 0.00	16.70 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	16.80 1.96 0.00	19.51 2.13 0.00	19.30 2.18 0.00	17.90 2.05 0.00	16.42 1.93 0.00	17.59 2.17 0.00	22.34 3.01 0.00	25.12 3.19 0.00	23.60 2.80 0.00	25.26 3.06 0.00	23.10 2.65 0.00	23.95 2.71 0.00	24.28 2.35 0.00	24.51 2.24 0.00	24.20 2.25 0.00	27.31 2.73 0.00	35.31 3.75 0.00	33.29 3.73 0.00	28.13 3.42 0.00	23.72 3.06 0.00	20.93 3.01 0.00	22.31 3.15 0.00	22.02 3.03 0.00	18.70 2.29 0.00
REVERE_CPPR_DRP 24186	15.25 0.42 0.00	17.87 0.48 0.00	17.60 0.48 0.00	16.29 0.44 0.00	14.91 0.42 0.00	15.92 0.50 0.00	20.02 0.69 0.00	22.66 0.73 0.00	21.46 0.66 0.00	22.86 0.65 0.00	21.04 0.58 0.00	21.80 0.56 0.00	22.52 0.59 0.00	22.88 0.53 -0.08	22.60 0.50 -0.15	25.40 0.61 -0.22	33.23 0.97 -0.70	31.08 0.95 -0.57	25.86 0.85 -0.30	21.47 0.73 -0.09	18.57 0.64 0.00	19.84 0.67 -0.01	19.59 0.60 0.00	16.85 0.44 0.00

REYNOLDS_115KV_TB3 80639	15.25 0.42 0.00	17.90 0.52 0.00	17.63 0.51 0.00	16.33 0.48 0.00	14.87 0.38 0.00	15.73 0.31 0.00	19.60 0.27 0.00	22.30 0.36 0.00	21.20 0.40 0.00	22.60 0.39 0.00	20.78 0.34 0.00	21.64 0.40 0.00	22.35 0.42 0.00	22.82 0.54 0.00	22.50 0.55 0.00	25.18 0.60 0.00	32.19 0.64 0.00	30.08 0.52 0.00	25.16 0.46 0.00	21.19 0.53 0.00	18.47 0.54 0.00	19.70 0.54 0.00	19.52 0.53 0.00	16.84 0.43 0.00
RIVERBAY____ 323610	15.53 0.70 0.00	18.05 0.66 0.00	17.83 0.71 0.00	16.50 0.65 0.00	15.05 0.56 0.00	15.98 0.56 0.00	20.06 0.73 0.00	22.90 0.97 0.00	21.82 1.02 0.00	23.33 1.13 0.00	21.42 0.97 0.00	22.37 1.13 0.00	23.25 1.32 0.00	23.69 1.42 0.00	23.44 1.50 0.00	26.25 1.67 0.00	33.49 1.94 0.00	31.49 1.93 0.00	26.26 1.55 0.00	22.01 1.35 0.00	19.09 1.16 0.00	20.36 1.21 0.00	20.18 1.19 0.00	17.36 0.96 0.00
RIVERSDE_115KV_TB3 55908	15.22 0.39 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.29 0.44 0.00	14.83 0.35 0.00	15.68 0.27 0.00	19.52 0.19 0.00	22.22 0.29 0.00	21.13 0.33 0.00	22.52 0.31 0.00	20.72 0.27 0.00	21.57 0.34 0.00	22.29 0.35 0.00	22.75 0.48 0.00	22.44 0.49 0.00	25.11 0.53 0.00	32.13 0.57 0.00	30.02 0.46 0.00	25.11 0.40 0.00	21.14 0.48 0.00	18.41 0.49 0.00	19.64 0.48 0.00	19.45 0.46 0.00	16.78 0.37 0.00
ROARING____BROOK_WT_PWR 323790	14.66 -0.18 0.00	17.28 -0.11 0.00	17.00 -0.12 0.00	15.74 -0.11 0.00	14.40 -0.08 0.00	15.37 -0.05 0.00	19.30 -0.03 0.00	21.95 0.02 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.41 -0.04 0.00	21.17 -0.07 0.00	21.87 -0.07 0.00	22.12 -0.16 0.00	21.69 -0.26 0.00	24.29 -0.28 0.00	31.30 -0.25 0.00	29.39 -0.17 0.00	24.60 -0.11 0.00	20.48 -0.17 0.00	17.73 -0.19 0.00	18.93 -0.22 0.00	18.71 -0.28 0.00	15.99 -0.41 0.00
ROCHESRG_115KV_T4 355643	14.67 -0.17 0.00	17.20 -0.19 0.00	16.93 -0.19 0.00	15.65 -0.20 0.00	14.37 -0.11 0.00	15.51 0.09 0.00	19.52 0.19 0.00	21.95 0.01 0.00	20.64 -0.16 0.00	22.23 0.03 0.00	20.47 0.02 0.00	21.22 -0.02 0.00	21.90 -0.03 0.00	22.09 -0.18 0.00	21.65 -0.30 0.00	24.26 -0.32 0.00	31.30 -0.25 0.00	29.29 -0.28 0.00	24.39 -0.32 0.00	20.23 -0.42 0.00	17.48 -0.44 0.00	18.79 -0.37 0.00	18.71 -0.28 0.00	16.18 -0.22 0.00
ROCHESTER_9_IC 23652	14.74 -0.10 0.00	17.28 -0.11 0.00	17.00 -0.12 0.00	15.72 -0.13 0.00	14.44 -0.05 0.00	15.58 0.17 0.00	19.63 0.30 0.00	22.09 0.15 0.00	20.80 -0.01 0.00	22.40 0.19 0.00	20.62 0.17 0.00	21.37 0.13 0.00	22.06 0.13 0.00	22.26 -0.02 0.00	21.78 -0.16 0.00	24.41 -0.17 0.00	31.50 -0.06 0.00	29.47 -0.09 0.00	24.54 -0.17 0.00	20.36 -0.30 0.00	17.59 -0.34 0.00	18.90 -0.26 0.00	18.82 -0.18 0.00	16.27 -0.14 0.00
ROCKVIEW_13_KV_LD 356306	15.53 0.69 0.00	18.04 0.66 0.00	17.78 0.66 0.00	16.47 0.62 0.00	15.04 0.55 0.00	15.93 0.51 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.78 0.98 0.00	23.26 1.06 0.00	21.45 1.00 0.00	22.36 1.12 0.00	23.24 1.31 0.00	23.70 1.42 0.00	23.43 1.49 0.00	26.23 1.66 0.00	33.52 1.97 0.00	31.47 1.91 0.00	26.29 1.58 0.00	22.02 1.37 0.00	19.09 1.16 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.34 0.93 0.00
ROME____115KV_TB2 80656	15.25 0.42 0.00	17.87 0.48 0.00	17.60 0.48 0.00	16.29 0.44 0.00	14.91 0.42 0.00	15.92 0.50 0.00	20.02 0.69 0.00	22.66 0.73 0.00	21.46 0.66 0.00	22.86 0.65 0.00	21.04 0.58 0.00	21.80 0.56 0.00	22.52 0.59 0.00	22.88 0.53 -0.08	22.60 0.50 -0.15	25.40 0.61 -0.22	33.23 0.97 -0.70	31.08 0.95 -0.57	25.86 0.85 -0.30	21.47 0.73 -0.09	18.57 0.64 0.00	19.84 0.67 -0.01	19.59 0.60 0.00	16.85 0.44 0.00
ROSETON____1 23587	15.38 0.54 0.00	17.90 0.52 0.00	17.63 0.51 0.00	16.34 0.49 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.58 0.65 0.00	21.53 0.73 0.00	22.98 0.78 0.00	21.17 0.72 0.00	22.06 0.82 0.00	22.90 0.97 0.00	23.35 1.07 0.00	23.07 1.13 0.00	25.83 1.25 0.00	33.03 1.47 0.00	30.97 1.41 0.00	25.89 1.18 0.00	21.70 1.04 0.00	18.83 0.91 0.00	20.09 0.94 0.00	19.90 0.91 0.00	17.14 0.73 0.00
ROSETON____2 23588	15.38 0.54 0.00	17.90 0.52 0.00	17.63 0.51 0.00	16.34 0.49 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.58 0.65 0.00	21.53 0.73 0.00	22.98 0.78 0.00	21.17 0.72 0.00	22.06 0.82 0.00	22.90 0.97 0.00	23.35 1.07 0.00	23.07 1.13 0.00	25.83 1.25 0.00	33.03 1.47 0.00	30.97 1.41 0.00	25.89 1.18 0.00	21.70 1.04 0.00	18.83 0.91 0.00	20.09 0.94 0.00	19.90 0.91 0.00	17.14 0.73 0.00
ROTTSDAM_115KV_TB3 80664	15.40 0.57 0.00	18.05 0.66 0.00	17.77 0.65 0.00	16.46 0.61 0.00	15.02 0.54 0.00	15.93 0.51 0.00	19.97 0.64 0.00	22.70 0.77 0.00	21.55 0.75 0.00	22.97 0.76 0.00	21.12 0.67 0.00	21.97 0.73 0.00	22.70 0.76 0.00	23.10 0.82 0.00	22.78 0.83 0.00	25.49 0.91 0.00	32.68 1.13 0.00	30.64 1.07 0.00	25.66 0.96 0.00	21.52 0.86 0.00	18.73 0.80 0.00	19.99 0.84 0.00	19.80 0.81 0.00	17.05 0.64 0.00
RUSSELL____1 23602	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00
RUSSELL____2 23532	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00
RUSSELL____3 23549	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00
RUSSELL____4 23556	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00

RUSSELL___STATION 23914	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00
S SALMON___HYD 24043	14.77 -0.06 0.00	17.34 -0.04 0.00	17.07 -0.05 0.00	15.79 -0.06 0.00	14.46 -0.03 0.00	15.44 0.02 0.00	19.38 0.05 0.00	21.86 -0.07 0.00	20.69 -0.11 0.00	22.03 -0.18 0.00	20.25 -0.19 0.00	20.99 -0.25 0.00	21.64 -0.30 0.00	22.27 -0.38 -0.37	22.21 -0.43 -0.69	25.05 -0.53 -1.00	34.34 -0.46 -3.25	31.90 -0.31 -2.65	25.88 -0.23 -1.40	20.85 -0.22 -0.41	17.76 -0.18 -0.01	18.99 -0.19 -0.03	18.73 -0.26 0.00	16.15 -0.26 0.00
S.PERRY___115KV_TB1 80734	15.11 0.28 0.00	17.70 0.31 0.00	17.42 0.31 0.00	16.11 0.26 0.00	14.79 0.31 0.00	15.97 0.55 0.00	20.20 0.87 0.00	22.61 0.68 0.00	21.11 0.31 0.00	22.73 0.52 0.00	20.89 0.44 0.00	21.64 0.40 0.00	22.40 0.47 0.00	22.55 0.28 0.00	22.10 0.15 0.00	24.84 0.26 0.00	32.05 0.50 0.00	29.94 0.37 0.00	25.06 0.35 0.00	20.91 0.26 0.00	18.12 0.19 0.00	19.50 0.34 0.00	19.38 0.39 0.00	16.63 0.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.57 -0.26 0.00	17.11 -0.27 0.00	16.85 -0.27 0.00	15.57 -0.28 0.00	14.33 -0.16 0.00	15.58 0.16 0.00	19.65 0.32 0.00	21.94 0.00 0.00	20.50 -0.31 0.00	22.20 -0.01 0.00	20.45 0.00 0.00	21.19 -0.05 0.00	21.90 -0.03 0.00	21.95 -0.33 0.00	21.45 -0.50 0.00	24.06 -0.52 0.00	31.07 -0.49 0.00	28.99 -0.57 0.00	24.05 -0.66 0.00	19.84 -0.81 0.00	17.12 -0.81 0.00	18.50 -0.65 0.00	18.54 -0.45 0.00	16.02 -0.39 0.00
SAWYER___23_KV_LOAD 55526	14.57 -0.26 0.00	17.11 -0.27 0.00	16.85 -0.27 0.00	15.57 -0.28 0.00	14.33 -0.16 0.00	15.58 0.16 0.00	19.65 0.32 0.00	21.94 0.00 0.00	20.50 -0.31 0.00	22.20 -0.01 0.00	20.45 0.00 0.00	21.19 -0.05 0.00	21.90 -0.03 0.00	21.95 -0.33 0.00	21.45 -0.50 0.00	24.06 -0.52 0.00	31.07 -0.49 0.00	28.99 -0.57 0.00	24.05 -0.66 0.00	19.84 -0.81 0.00	17.12 -0.81 0.00	18.50 -0.65 0.00	18.54 -0.45 0.00	16.02 -0.39 0.00
SELKIRK___I 23801	15.29 0.46 0.00	17.96 0.57 0.00	17.69 0.57 0.00	16.39 0.54 0.00	14.93 0.45 0.00	15.80 0.38 0.00	19.71 0.38 0.00	22.39 0.46 0.00	21.26 0.46 0.00	22.66 0.46 0.00	20.84 0.39 0.00	21.68 0.45 0.00	22.40 0.47 0.00	22.83 0.55 0.00	22.50 0.56 0.00	25.20 0.63 0.00	32.28 0.72 0.00	30.18 0.62 0.00	25.24 0.53 0.00	21.25 0.59 0.00	18.49 0.56 0.00	19.73 0.58 0.00	19.55 0.56 0.00	16.86 0.45 0.00
SELKIRK___II 23799	15.20 0.36 0.00	17.82 0.44 0.00	17.55 0.44 0.00	16.26 0.41 0.00	14.82 0.33 0.00	15.67 0.25 0.00	19.54 0.21 0.00	22.23 0.29 0.00	21.13 0.32 0.00	22.52 0.32 0.00	20.72 0.27 0.00	21.57 0.33 0.00	22.29 0.36 0.00	22.74 0.46 0.00	22.42 0.48 0.00	25.10 0.53 0.00	32.13 0.58 0.00	30.05 0.49 0.00	25.13 0.42 0.00	21.14 0.48 0.00	18.40 0.47 0.00	19.63 0.47 0.00	19.44 0.45 0.00	16.77 0.36 0.00
SENECA OSWGO___HYD 24041	14.65 -0.18 0.00	17.16 -0.23 0.00	16.89 -0.22 0.00	15.63 -0.22 0.00	14.30 -0.18 0.00	15.25 -0.17 0.00	19.12 -0.21 0.00	21.60 -0.33 0.00	20.47 -0.32 0.00	21.86 -0.35 0.00	20.13 -0.32 0.00	20.89 -0.35 0.00	21.52 -0.41 0.00	22.35 -0.45 -0.52	22.45 -0.46 -0.96	25.47 -0.51 -1.40	35.52 -0.58 -4.55	32.75 -0.53 -3.71	26.23 -0.44 -1.96	20.84 -0.39 -0.58	17.59 -0.35 -0.01	18.82 -0.38 -0.04	18.62 -0.37 0.00	16.16 -0.25 0.00
SENECA___115KV_TB3 355854	14.69 -0.15 0.00	17.23 -0.15 0.00	16.98 -0.14 0.00	15.69 -0.16 0.00	14.43 -0.05 0.00	15.68 0.27 0.00	19.80 0.47 0.00	22.15 0.22 0.00	20.74 -0.06 0.00	22.44 0.24 0.00	20.68 0.23 0.00	21.43 0.19 0.00	22.17 0.24 0.00	22.21 -0.06 0.00	21.71 -0.24 0.00	24.35 -0.23 0.00	31.45 -0.10 0.00	29.33 -0.24 0.00	24.33 -0.37 0.00	20.08 -0.58 0.00	17.33 -0.59 0.00	18.71 -0.44 0.00	18.73 -0.26 0.00	16.15 -0.25 0.00
SENECA___ENERGY 23797	14.76 -0.07 0.00	17.25 -0.14 0.00	16.97 -0.15 0.00	15.70 -0.15 0.00	14.39 -0.10 0.00	15.42 0.00 0.00	19.41 0.08 0.00	21.97 0.04 0.00	20.77 -0.03 0.00	22.19 -0.01 0.00	20.43 -0.02 0.00	21.18 -0.06 0.00	21.87 -0.06 0.00	22.35 -0.15 -0.22	22.14 -0.21 -0.41	24.97 -0.20 -0.59	33.32 -0.16 -1.92	30.99 -0.13 -1.57	25.45 -0.08 -0.83	20.77 -0.13 -0.24	17.77 -0.16 0.00	19.01 -0.16 -0.02	18.87 -0.12 0.00	16.28 -0.13 0.00
SHOEMAKER___GT 23640	15.30 0.46 0.00	17.83 0.44 0.00	17.55 0.44 0.00	16.26 0.41 0.00	14.85 0.36 0.00	15.74 0.32 0.00	19.74 0.42 0.00	22.49 0.55 0.00	21.42 0.62 0.00	22.83 0.63 0.00	21.02 0.57 0.00	21.90 0.66 0.00	22.74 0.81 0.00	23.16 0.89 0.00	22.89 0.95 0.00	25.63 1.06 0.00	32.85 1.30 0.00	30.81 1.25 0.00	25.76 1.06 0.00	21.59 0.93 0.00	18.74 0.82 0.00	20.00 0.84 0.00	19.80 0.81 0.00	17.06 0.65 0.00
SHOEMAKR_138KV_BK 111 55601	15.29 0.46 0.00	17.82 0.43 0.00	17.54 0.42 0.00	16.25 0.40 0.00	14.84 0.35 0.00	15.73 0.31 0.00	19.74 0.41 0.00	22.48 0.55 0.00	21.41 0.61 0.00	22.84 0.64 0.00	21.03 0.58 0.00	21.91 0.67 0.00	22.75 0.82 0.00	23.18 0.90 0.00	22.90 0.96 0.00	25.65 1.07 0.00	32.86 1.30 0.00	30.82 1.26 0.00	25.76 1.06 0.00	21.58 0.92 0.00	18.74 0.81 0.00	19.99 0.84 0.00	19.80 0.81 0.00	17.05 0.64 0.00
SHOREHAM_IC_1 23715	15.94 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.18 0.00	23.38 1.44 0.00	22.32 1.52 0.00	23.77 1.56 0.00	21.98 1.53 0.00	22.72 1.48 0.00	23.59 1.65 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.40 1.68 -7.15	33.21 1.65 -0.01	53.52 1.79 -22.17	49.49 1.60 -23.18	99.88 1.40 -77.82	89.70 1.11 -70.68	54.84 1.33 -34.35	37.93 1.27 -17.68	45.92 1.17 -28.34
SHOREHAM_IC_2 23716	15.94 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.36 0.94 0.00	20.50 1.18 0.00	23.38 1.44 0.00	22.32 1.52 0.00	23.77 1.56 0.00	21.98 1.53 0.00	22.72 1.48 0.00	23.59 1.65 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.40 1.68 -7.15	33.21 1.65 -0.01	53.52 1.79 -22.17	49.49 1.60 -23.18	99.88 1.40 -77.82	89.70 1.11 -70.68	54.84 1.33 -34.35	37.93 1.27 -17.68	45.92 1.17 -28.34
SISSONVILLE___ 23735	15.01 0.17 0.00	17.62 0.24 0.00	17.37 0.25 0.00	16.09 0.24 0.00	14.73 0.25 0.00	15.82 0.40 0.00	19.89 0.56 0.00	22.60 0.67 0.00	21.37 0.57 0.00	22.78 0.57 0.00	20.95 0.50 0.00	21.72 0.48 0.00	22.41 0.48 0.00	22.76 0.43 -0.05	22.43 0.39 -0.09	25.13 0.42 -0.13	32.47 0.48 -0.44	30.15 0.23 -0.36	25.10 0.21 -0.19	20.81 0.10 -0.06	17.99 0.06 0.00	19.43 0.27 0.00	19.28 0.29 0.00	16.56 0.15 0.00

SITHE_IND_GS1 24169	14.49 -0.34 0.00	16.97 -0.41 0.00	16.71 -0.41 0.00	15.47 -0.38 0.00	14.15 -0.33 0.00	15.08 -0.34 0.00	18.89 -0.44 0.00	21.35 -0.58 0.00	20.22 -0.58 0.00	21.61 -0.60 0.00	19.91 -0.54 0.00	20.64 -0.60 0.00	21.24 -0.69 0.00	20.05 -0.73 1.50	18.44 -0.73 2.77	19.74 -0.82 4.02	17.46 -1.00 13.10	17.93 -0.94 10.69	18.26 -0.79 5.65	18.30 -0.69 1.66	17.31 -0.60 0.02	18.40 -0.64 0.12	18.37 -0.62 0.00	15.98 -0.43 0.00
SITHE_IND_GS2 24170	14.49 -0.34 0.00	16.97 -0.41 0.00	16.71 -0.41 0.00	15.47 -0.38 0.00	14.15 -0.33 0.00	15.08 -0.34 0.00	18.89 -0.44 0.00	21.35 -0.58 0.00	20.22 -0.58 0.00	21.61 -0.60 0.00	19.91 -0.54 0.00	20.64 -0.60 0.00	21.24 -0.69 0.00	20.05 -0.73 1.50	18.44 -0.73 2.77	19.74 -0.82 4.02	17.46 -1.00 13.10	17.93 -0.94 10.69	18.26 -0.79 5.65	18.30 -0.69 1.66	17.31 -0.60 0.02	18.40 -0.64 0.12	18.37 -0.62 0.00	15.98 -0.43 0.00
SITHE_IND_GS3 24171	14.49 -0.34 0.00	16.97 -0.41 0.00	16.71 -0.41 0.00	15.47 -0.38 0.00	14.15 -0.33 0.00	15.08 -0.34 0.00	18.89 -0.44 0.00	21.35 -0.58 0.00	20.22 -0.58 0.00	21.61 -0.60 0.00	19.91 -0.54 0.00	20.64 -0.60 0.00	21.24 -0.69 0.00	20.05 -0.73 1.50	18.44 -0.73 2.77	19.74 -0.82 4.02	17.46 -1.00 13.10	17.93 -0.94 10.69	18.26 -0.79 5.65	18.30 -0.69 1.66	17.31 -0.60 0.02	18.40 -0.64 0.12	18.37 -0.62 0.00	15.98 -0.43 0.00
SITHE_IND_GS4 24172	14.49 -0.34 0.00	16.97 -0.41 0.00	16.71 -0.41 0.00	15.47 -0.38 0.00	14.15 -0.33 0.00	15.08 -0.34 0.00	18.89 -0.44 0.00	21.35 -0.58 0.00	20.22 -0.58 0.00	21.61 -0.60 0.00	19.91 -0.54 0.00	20.64 -0.60 0.00	21.24 -0.69 0.00	20.05 -0.73 1.50	18.44 -0.73 2.77	19.74 -0.82 4.02	17.46 -1.00 13.10	17.93 -0.94 10.69	18.26 -0.79 5.65	18.30 -0.69 1.66	17.31 -0.60 0.02	18.40 -0.64 0.12	18.37 -0.62 0.00	15.98 -0.43 0.00
SITHE___BATAVIA 24024	15.09 0.25 0.00	17.58 0.27 0.08	17.36 0.25 0.02	16.07 0.23 0.01	14.78 0.29 0.00	15.90 0.58 0.10	20.06 0.90 0.17	22.75 0.82 0.00	21.34 0.54 0.00	22.96 0.76 0.00	21.13 0.68 0.00	21.82 0.58 0.00	22.49 0.56 0.00	22.74 0.46 0.00	22.25 0.31 0.00	24.97 0.39 0.00	32.18 0.63 0.00	30.19 0.63 0.00	25.17 0.47 0.00	20.92 0.27 0.00	18.08 0.15 0.00	19.43 0.27 0.00	19.35 0.36 0.00	16.73 0.32 0.00
SITHE___INDEPEND 23800	14.49 -0.35 0.00	16.97 -0.41 0.00	16.71 -0.41 0.00	15.47 -0.38 0.00	14.15 -0.33 0.00	15.08 -0.34 0.00	18.89 -0.44 0.00	21.35 -0.58 0.00	20.22 -0.58 0.00	21.61 -0.60 0.00	19.91 -0.54 0.00	20.64 -0.60 0.00	21.24 -0.69 0.00	20.05 -0.73 1.50	18.44 -0.74 2.77	19.74 -0.82 4.02	17.46 -1.00 13.10	17.93 -0.94 10.69	18.26 -0.79 5.65	18.30 -0.69 1.66	17.31 -0.60 0.02	18.40 -0.64 0.12	18.37 -0.61 0.00	15.98 -0.43 0.00
SITHE___MASSENA 23902	14.89 0.05 0.00	17.48 0.10 0.00	17.23 0.11 0.00	15.96 0.11 0.00	14.61 0.12 0.00	15.66 0.24 0.00	19.66 0.33 0.00	22.33 0.40 0.00	21.14 0.33 0.00	22.54 0.34 0.00	20.76 0.31 0.00	21.55 0.32 0.00	22.25 0.32 0.00	22.55 0.27 0.00	22.19 0.25 0.00	24.85 0.28 0.00	31.93 0.37 0.00	29.88 0.32 0.00	24.96 0.25 0.00	20.81 0.15 0.00	18.02 0.09 0.00	19.31 0.15 0.00	19.15 0.16 0.00	16.49 0.08 0.00
SITHE___OGDNSBRG 24021	15.10 0.27 0.00	17.74 0.35 0.00	17.47 0.35 0.00	16.20 0.35 0.00	14.84 0.35 0.00	15.95 0.53 0.00	20.07 0.74 0.00	22.79 0.86 0.00	21.54 0.73 0.00	22.96 0.76 0.00	21.13 0.68 0.00	21.94 0.70 0.00	22.65 0.72 0.00	22.94 0.67 0.00	22.57 0.63 0.00	25.29 0.71 0.00	32.51 0.96 0.00	30.36 0.80 0.00	25.37 0.66 0.00	21.15 0.49 0.00	18.32 0.39 0.00	19.69 0.54 0.00	19.50 0.51 0.00	16.74 0.33 0.00
SITHE___STERLING 23777	15.14 0.30 0.00	17.72 0.34 0.00	17.46 0.34 0.00	16.16 0.31 0.00	14.78 0.30 0.00	15.77 0.36 0.00	19.83 0.50 0.00	22.45 0.52 0.00	21.25 0.45 0.00	22.65 0.45 0.00	20.86 0.41 0.00	21.62 0.38 0.00	22.33 0.40 0.00	22.73 0.37 -0.09	22.45 0.35 -0.16	25.22 0.41 -0.23	33.00 0.68 -0.76	30.84 0.67 -0.62	25.62 0.59 -0.33	21.27 0.52 -0.10	18.39 0.46 0.00	19.64 0.48 -0.01	19.43 0.43 0.00	16.74 0.33 0.00
SLEIGHT__34_KV_TB1 80719	15.00 0.16 0.00	17.49 0.11 0.00	17.21 0.09 0.00	15.93 0.08 0.00	14.60 0.11 0.00	15.65 0.23 0.00	19.73 0.41 0.00	22.33 0.39 0.00	21.11 0.31 0.00	22.59 0.38 0.00	20.80 0.35 0.00	21.57 0.33 0.00	22.26 0.33 0.00	22.72 0.26 -0.18	22.50 0.22 -0.33	25.31 0.25 -0.48	33.60 0.48 -1.57	31.27 0.43 -1.28	25.75 0.37 -0.68	21.07 0.21 -0.20	18.06 0.13 0.00	19.32 0.15 -0.01	19.13 0.14 0.00	16.52 0.11 0.00
SOUTH CAIRO___GT 23612	15.64 0.81 0.00	18.35 0.97 0.00	18.07 0.95 0.00	16.74 0.89 0.00	15.27 0.78 0.00	16.16 0.75 0.00	20.19 0.86 0.00	22.94 1.01 0.00	21.67 0.87 0.00	23.06 0.85 0.00	21.06 0.61 0.00	21.89 0.65 0.00	22.62 0.69 0.00	23.11 0.83 0.00	22.71 0.76 0.00	25.51 0.93 0.00	32.88 1.33 0.00	30.76 1.20 0.00	25.82 1.11 0.00	21.80 1.14 0.00	19.02 1.10 0.00	20.30 1.14 0.00	20.04 1.05 0.00	17.23 0.82 0.00
SOUTH HAMPTN___IC 23720	16.19 1.36 0.00	18.77 1.38 0.00	18.48 1.36 0.00	17.13 1.27 0.00	15.65 1.16 0.00	16.64 1.23 0.00	20.89 1.56 0.00	23.81 1.88 0.00	22.72 1.92 0.00	24.25 2.05 0.00	22.42 1.97 0.00	23.17 1.93 0.00	24.08 2.14 0.00	59.34 1.68 -35.39	35.46 2.04 -11.48	34.02 2.30 -7.15	34.04 2.48 -0.01	54.31 2.57 -22.17	50.13 2.25 -23.18	100.37 1.89 -77.82	90.05 1.45 -70.68	55.29 1.79 -34.35	38.35 1.68 -17.68	46.24 1.49 -28.34
SOUTHDOW__115KV_TB1 355954	14.90 0.07 0.00	17.52 0.14 0.00	17.32 0.20 0.00	16.04 0.19 0.00	14.78 0.29 0.00	16.06 0.64 0.00	20.37 1.04 0.00	23.08 1.15 0.00	21.78 0.98 0.00	23.54 1.34 0.00	21.68 1.24 0.00	22.47 1.23 0.00	23.34 1.41 0.00	23.36 1.08 0.00	22.85 0.90 0.00	25.68 1.11 0.00	33.21 1.65 0.00	30.89 1.33 0.00	25.66 0.96 0.00	21.09 0.43 0.00	18.16 0.23 0.00	19.51 0.35 0.00	19.31 0.32 0.00	16.52 0.11 0.00
SOUTHOLD_69_KV_BK 2 55809	16.37 1.54 0.00	18.99 1.61 0.00	18.69 1.58 0.00	17.33 1.49 0.00	15.85 1.36 0.00	16.86 1.44 0.00	21.18 1.86 0.00	24.15 2.22 0.00	23.04 2.24 0.00	24.59 2.39 0.00	22.72 2.27 0.00	23.48 2.24 0.00	24.40 2.47 0.00	59.67 2.01 -35.39	35.82 2.39 -11.48	34.41 2.69 -7.15	34.54 2.98 -0.01	54.79 3.06 -22.17	50.54 2.66 -23.18	100.62 2.14 -77.82	89.96 1.36 -70.68	55.64 2.13 -34.35	38.61 1.94 -17.68	46.44 1.69 -28.34
SOUTHOLD___IC 23719	16.37 1.54 0.00	18.99 1.61 0.00	18.69 1.58 0.00	17.33 1.49 0.00	15.85 1.36 0.00	16.86 1.45 0.00	21.18 1.86 0.00	24.15 2.22 0.00	23.04 2.24 0.00	24.59 2.39 0.00	22.72 2.27 0.00	23.48 2.24 0.00	24.40 2.47 0.00	59.67 2.01 -35.39	35.82 2.39 -11.48	34.41 2.69 -7.15	34.54 2.98 -0.01	54.79 3.05 -22.17	50.55 2.66 -23.18	100.61 2.14 -77.82	89.96 1.36 -70.68	55.64 2.13 -34.35	38.61 1.94 -17.68	46.44 1.69 -28.34

SPIERFLS_115KV_TB1 80737	15.90 1.06 0.00	18.59 1.20 0.00	18.31 1.19 0.00	16.97 1.12 0.00	15.50 1.01 0.00	16.49 1.07 0.00	20.76 1.43 0.00	23.54 1.61 0.00	22.27 1.47 0.00	23.76 1.56 0.00	21.81 1.36 0.00	22.64 1.40 0.00	23.29 1.36 0.00	23.58 1.31 0.00	23.20 1.26 0.00	26.00 1.42 0.00	33.48 1.92 0.00	31.55 1.99 0.00	26.62 1.91 0.00	22.35 1.69 0.00	19.50 1.58 0.00	20.84 1.68 0.00	20.63 1.64 0.00	17.65 1.24 0.00
ST LAWRENCE____ 23600	14.70 -0.14 0.00	17.26 -0.13 0.00	17.00 -0.11 0.00	15.75 -0.10 0.00	14.41 -0.07 0.00	15.43 0.02 0.00	19.37 0.04 0.00	22.01 0.08 0.00	20.84 0.03 0.00	22.23 0.02 0.00	20.47 0.02 0.00	21.26 0.02 0.00	21.95 0.01 0.00	22.25 -0.02 0.00	21.90 -0.04 0.00	24.52 -0.06 0.00	31.51 -0.04 0.00	29.52 -0.05 0.00	24.65 -0.05 0.00	20.56 -0.09 0.00	17.81 -0.12 0.00	19.07 -0.09 0.00	18.91 -0.09 0.00	16.29 -0.12 0.00
STATE_CA_115KV_115_LB 55624	15.25 0.42 0.00	17.88 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.55 0.22 0.00	22.25 0.32 0.00	21.16 0.35 0.00	22.55 0.35 0.00	20.75 0.30 0.00	21.61 0.37 0.00	22.33 0.40 0.00	22.79 0.51 0.00	22.48 0.53 0.00	25.16 0.58 0.00	32.21 0.66 0.00	30.12 0.55 0.00	25.18 0.48 0.00	21.19 0.53 0.00	18.45 0.52 0.00	19.67 0.51 0.00	19.48 0.49 0.00	16.79 0.38 0.00
STATE_ST_34_KV_LOAD 55959	14.96 0.13 0.00	17.45 0.06 0.00	17.16 0.04 0.00	15.89 0.04 0.00	14.54 0.05 0.00	15.53 0.12 0.00	19.53 0.20 0.00	22.08 0.15 0.00	20.90 0.10 0.00	22.32 0.12 0.00	20.54 0.09 0.00	21.31 0.07 0.00	21.99 0.06 0.00	22.55 0.02 -0.26	22.42 -0.01 -0.48	25.27 -0.01 -0.70	33.95 0.11 -2.29	31.54 0.11 -1.87	25.81 0.12 -0.99	21.01 0.06 -0.29	17.96 0.03 0.00	19.21 0.03 -0.02	19.03 0.04 0.00	16.46 0.05 0.00
STATION 5_MISC_HYD 23604	14.74 -0.10 0.00	17.20 -0.11 0.08	16.99 -0.12 0.02	15.71 -0.13 0.01	14.44 -0.05 0.00	15.49 0.17 0.10	19.46 0.30 0.17	22.09 0.15 0.00	20.80 -0.01 0.00	22.40 0.19 0.00	20.63 0.17 0.00	21.37 0.13 0.00	22.06 0.13 0.00	22.26 -0.02 0.00	21.79 -0.16 0.00	24.41 -0.17 0.00	31.50 -0.06 0.00	29.47 -0.09 0.00	24.54 -0.17 0.00	20.36 -0.30 0.00	17.59 -0.34 0.00	18.90 -0.26 0.00	18.82 -0.17 0.00	16.27 -0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.79 -0.04 0.00	17.32 -0.07 0.00	17.04 -0.08 0.00	15.76 -0.08 0.00	14.46 -0.02 0.00	15.56 0.14 0.00	19.61 0.27 0.00	22.12 0.19 0.00	20.86 0.06 0.00	22.39 0.18 0.00	20.61 0.15 0.00	21.35 0.11 0.00	22.05 0.11 -0.06	22.33 0.00 -0.11	21.99 -0.07 -0.16	24.69 -0.05 -0.16	32.16 0.07 -0.53	30.06 0.06 -0.43	24.97 0.03 -0.23	20.63 -0.10 -0.07	17.78 -0.15 0.00	19.06 -0.10 0.00	18.92 -0.07 0.00	16.33 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.65 -0.18 0.00	17.17 -0.21 0.00	16.90 -0.22 0.00	15.62 -0.22 0.00	14.35 -0.14 0.00	15.47 0.05 0.00	19.48 0.15 0.00	21.92 -0.01 0.00	20.64 -0.17 0.00	22.22 0.01 0.00	20.46 0.01 0.00	21.21 -0.03 0.00	21.89 -0.04 0.00	22.10 -0.18 0.00	21.66 -0.28 0.00	24.27 -0.30 0.00	31.33 -0.22 0.00	29.32 -0.24 0.00	24.43 -0.28 0.00	20.27 -0.39 0.00	17.51 -0.42 0.00	18.80 -0.36 0.00	18.70 -0.29 0.00	16.16 -0.24 0.00
STA_56____34_KV_BUS2 355983	14.65 -0.18 0.00	17.17 -0.21 0.00	16.90 -0.22 0.00	15.62 -0.22 0.00	14.35 -0.14 0.00	15.47 0.05 0.00	19.48 0.15 0.00	21.92 -0.01 0.00	20.64 -0.17 0.00	22.22 0.01 0.00	20.46 0.01 0.00	21.21 -0.03 0.00	21.89 -0.04 0.00	22.10 -0.18 0.00	21.66 -0.28 0.00	24.27 -0.30 0.00	31.33 -0.22 0.00	29.32 -0.24 0.00	24.43 -0.28 0.00	20.27 -0.39 0.00	17.51 -0.42 0.00	18.80 -0.36 0.00	18.70 -0.29 0.00	16.16 -0.24 0.00
STA_67____115KV_BK2 355882	14.71 -0.12 0.00	17.25 -0.14 0.00	16.97 -0.15 0.00	15.69 -0.16 0.00	14.42 -0.07 0.00	15.56 0.14 0.00	19.59 0.26 0.00	22.05 0.11 0.00	20.76 -0.04 0.00	22.36 0.15 0.00	20.59 0.13 0.00	21.33 0.09 0.00	22.02 0.09 0.00	22.22 -0.06 0.00	21.73 -0.22 0.00	24.35 -0.23 0.00	31.42 -0.13 0.00	29.40 -0.16 0.00	24.49 -0.22 0.00	20.31 -0.34 0.00	17.55 -0.38 0.00	18.86 -0.30 0.00	18.78 -0.22 0.00	16.24 -0.17 0.00
STA_7____115KV_9TRANS 80674	14.79 -0.04 0.00	17.34 -0.05 0.00	17.06 -0.07 0.00	15.77 -0.08 0.00	14.49 0.00 0.00	15.64 0.22 0.00	19.70 0.37 0.00	22.16 0.23 0.00	20.87 0.07 0.00	22.49 0.29 0.00	20.70 0.26 0.00	21.45 0.21 0.00	22.15 0.22 0.00	22.36 0.08 0.00	21.88 -0.06 0.00	24.52 -0.06 0.00	31.65 0.10 0.00	29.63 0.07 0.00	24.67 -0.03 0.00	20.47 -0.19 0.00	17.68 -0.25 0.00	19.00 -0.16 0.00	18.91 -0.08 0.00	16.34 -0.07 0.00
STA_82____115KV_TB1 80780	14.72 -0.11 0.00	17.26 -0.13 0.00	16.98 -0.14 0.00	15.70 -0.15 0.00	14.42 -0.06 0.00	15.57 0.15 0.00	19.60 0.28 0.00	22.04 0.11 0.00	20.74 -0.06 0.00	22.34 0.14 0.00	20.57 0.12 0.00	21.31 0.07 0.00	22.01 0.08 0.00	22.20 -0.07 0.00	21.74 -0.20 0.00	24.36 -0.21 0.00	31.44 -0.11 0.00	29.42 -0.14 0.00	24.50 -0.21 0.00	20.32 -0.34 0.00	17.56 -0.37 0.00	18.87 -0.28 0.00	18.79 -0.21 0.00	16.24 -0.16 0.00
STEEL____WIND 323596	14.68 -0.15 0.00	17.05 -0.15 0.18	16.94 -0.15 0.04	15.66 -0.17 0.03	14.43 -0.06 0.00	15.45 0.26 0.23	19.39 0.47 0.40	22.16 0.23 0.00	20.74 -0.06 0.00	22.43 0.23 0.00	20.67 0.22 0.00	21.41 0.17 0.00	22.15 0.22 0.00	22.19 -0.08 0.00	21.69 -0.25 0.00	24.33 -0.25 0.00	31.43 -0.13 0.00	29.30 -0.26 0.00	24.31 -0.40 0.00	20.05 -0.60 0.00	17.32 -0.61 0.00	18.69 -0.46 0.00	18.72 -0.27 0.00	16.15 -0.25 0.00
STEPHTWN_115KV_BK_2 55603	15.28 0.45 0.00	17.89 0.50 0.00	17.57 0.45 0.00	16.30 0.45 0.00	14.83 0.35 0.00	15.73 0.31 0.00	19.59 0.26 0.00	22.33 0.40 0.00	21.24 0.44 0.00	22.64 0.43 0.00	20.81 0.36 0.00	21.66 0.42 0.00	22.39 0.46 0.00	22.87 0.59 0.00	22.54 0.60 0.00	25.24 0.66 0.00	32.33 0.77 0.00	30.24 0.68 0.00	25.31 0.60 0.00	21.31 0.65 0.00	18.54 0.62 0.00	19.77 0.62 0.00	19.57 0.58 0.00	16.86 0.45 0.00
STEBEN_REC_LFGE 323667	14.91 0.07 0.00	17.44 0.06 0.00	17.23 0.11 0.00	15.87 0.02 0.00	14.59 0.10 0.00	15.62 0.20 0.00	19.75 0.42 0.00	22.37 0.44 0.00	21.19 0.39 0.00	22.84 0.63 0.00	20.88 0.43 0.00	21.66 0.42 0.00	22.44 0.51 0.00	22.64 0.28 -0.08	22.24 0.14 -0.15	25.10 0.31 -0.22	32.82 0.56 -0.71	30.47 0.33 -0.58	25.30 0.28 -0.31	20.78 0.03 -0.09	17.76 -0.17 0.00	19.15 -0.02 -0.01	19.08 0.09 0.00	16.20 -0.20 0.00
STONY____BROOK 24151	15.88 1.05 0.00	18.40 1.01 0.00	18.11 0.99 0.00	16.77 0.93 0.00	15.33 0.84 0.00	16.28 0.87 0.00	20.41 1.08 0.00	23.27 1.34 0.00	22.23 1.43 0.00	23.70 1.49 0.00	21.96 1.51 0.00	22.70 1.46 0.00	23.59 1.66 0.00	59.09 1.42 -35.39	35.16 1.73 -11.48	33.67 1.94 -7.15	33.72 2.15 -0.01	53.97 2.24 -22.17	49.86 1.97 -23.18	100.16 1.68 -77.82	89.98 1.38 -70.68	54.92 1.41 -34.35	38.14 1.47 -17.68	46.00 1.25 -28.34

STURGEON_POOL_HYD 23609	15.34 0.51 0.00	17.85 0.47 0.00	17.58 0.46 0.00	16.28 0.44 0.00	14.87 0.38 0.00	15.75 0.33 0.00	19.77 0.45 0.00	22.56 0.63 0.00	21.53 0.73 0.00	22.98 0.78 0.00	21.17 0.73 0.00	22.07 0.84 0.00	22.94 1.01 0.00	23.40 1.13 0.00	23.16 1.22 0.00	25.93 1.35 0.00	33.14 1.59 0.00	31.10 1.54 0.00	25.99 1.28 0.00	21.77 1.11 0.00	18.89 0.96 0.00	20.13 0.98 0.00	19.93 0.94 0.00	17.15 0.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.35 0.51 0.00	17.86 0.48 0.00	17.58 0.46 0.00	16.29 0.44 0.00	14.87 0.38 0.00	15.76 0.34 0.00	19.77 0.45 0.00	22.54 0.61 0.00	21.50 0.70 0.00	22.95 0.74 0.00	21.15 0.70 0.00	22.04 0.80 0.00	22.89 0.96 0.00	23.34 1.07 0.00	23.07 1.13 0.00	25.84 1.26 0.00	33.07 1.52 0.00	31.03 1.47 0.00	25.94 1.23 0.00	21.72 1.06 0.00	18.84 0.91 0.00	20.10 0.95 0.00	19.90 0.91 0.00	17.13 0.73 0.00
SWANROAD_115KV_TB1 355699	14.34 -0.49 0.00	16.81 -0.57 0.00	16.57 -0.55 0.00	15.30 -0.55 0.00	14.11 -0.37 0.00	15.39 -0.03 0.00	19.40 0.07 0.00	21.52 -0.41 0.00	20.04 -0.77 0.00	21.76 -0.44 0.00	20.03 -0.42 0.00	20.76 -0.48 0.00	21.42 -0.51 0.00	21.44 -0.84 0.00	20.95 -1.00 0.00	23.49 -1.09 0.00	30.31 -1.25 0.00	28.29 -1.27 0.00	23.47 -1.23 0.00	19.39 -1.27 0.00	16.73 -1.20 0.00	18.14 -1.02 0.00	18.23 -0.76 0.00	15.80 -0.60 0.00
SYNERGY___BIOGAS 323694	15.09 0.25 0.00	17.58 0.27 0.08	17.36 0.25 0.02	16.07 0.23 0.01	14.78 0.29 0.00	15.90 0.58 0.10	20.06 0.90 0.17	22.75 0.82 0.00	21.34 0.54 0.00	22.96 0.76 0.00	21.13 0.68 0.00	21.82 0.58 0.00	22.49 0.56 0.00	22.74 0.46 0.00	22.25 0.31 0.00	24.97 0.39 0.00	32.18 0.63 0.00	30.19 0.63 0.00	25.17 0.47 0.00	20.92 0.27 0.00	18.08 0.15 0.00	19.43 0.27 0.00	19.35 0.36 0.00	16.73 0.32 0.00
SYRACUSE___ENERGY_ST1 323597	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	14.81 -0.02 0.00	17.33 -0.05 0.00	17.06 -0.06 0.00	15.78 -0.07 0.00	14.45 -0.03 0.00	15.42 0.00 0.00	19.34 0.01 0.00	21.88 -0.06 0.00	20.72 -0.08 0.00	22.13 -0.08 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.81 -0.12 0.00	22.41 -0.15 -0.29	22.31 -0.17 -0.54	25.17 -0.19 -0.78	33.94 -0.16 -2.55	31.48 -0.16 -2.08	25.68 -0.13 -1.10	20.83 -0.15 -0.32	17.79 -0.14 0.00	19.03 -0.15 -0.02	18.85 -0.15 0.00	16.34 -0.07 0.00
SYRACUSE___POWER 24017	14.80 -0.04 0.00	17.32 -0.07 0.00	17.05 -0.07 0.00	15.78 -0.07 0.00	14.44 -0.05 0.00	15.40 -0.02 0.00	19.32 0.00 0.00	21.87 -0.06 0.00	20.72 -0.08 0.00	22.14 -0.07 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.83 -0.11 0.00	22.32 -0.14 -0.19	22.13 -0.17 -0.36	24.90 -0.19 -0.51	33.07 -0.15 -1.67	30.77 -0.16 -1.37	25.30 -0.13 -0.72	20.73 -0.14 -0.21	17.80 -0.13 0.00	19.03 -0.14 -0.02	18.86 -0.13 0.00	16.34 -0.07 0.00
TALLMAN__138KV_BK151 55660	15.41 0.57 0.00	17.91 0.52 0.00	17.62 0.51 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.80 0.38 0.00	19.82 0.49 0.00	22.62 0.68 0.00	21.59 0.79 0.00	23.07 0.87 0.00	21.27 0.82 0.00	22.18 0.94 0.00	23.06 1.13 0.00	23.53 1.25 0.00	23.26 1.31 0.00	26.05 1.47 0.00	33.31 1.76 0.00	31.26 1.70 0.00	26.12 1.41 0.00	21.86 1.20 0.00	18.96 1.03 0.00	20.22 1.06 0.00	20.02 1.03 0.00	17.23 0.82 0.00
TEALLAVE_115KV_TB7 355573	14.74 -0.10 0.00	17.25 -0.13 0.00	16.98 -0.14 0.00	15.72 -0.14 0.00	14.38 -0.11 0.00	15.34 -0.08 0.00	19.24 -0.09 0.00	21.76 -0.17 0.00	20.62 -0.18 0.00	22.04 -0.16 0.00	20.31 -0.14 0.00	21.07 -0.17 0.00	21.72 -0.21 0.00	22.19 -0.25 -0.15	21.96 -0.28 -0.29	24.68 -0.31 -0.42	32.60 -0.33 -1.37	30.37 -0.31 -1.12	25.02 -0.28 -0.59	20.56 -0.27 -0.17	17.69 -0.24 0.00	18.91 -0.26 -0.01	18.74 -0.25 0.00	16.26 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	14.62 -0.21 0.00	17.14 -0.24 0.00	16.88 -0.24 0.00	15.60 -0.25 0.00	14.37 -0.12 0.00	15.65 0.23 0.00	19.73 0.41 0.00	21.98 0.05 0.00	20.53 -0.27 0.00	22.28 0.08 0.00	20.48 0.03 0.00	21.20 -0.04 0.00	21.90 -0.03 0.00	21.95 -0.33 0.00	21.48 -0.47 0.00	24.09 -0.49 0.00	31.11 -0.45 0.00	29.07 -0.49 0.00	24.14 -0.57 0.00	19.95 -0.71 0.00	17.22 -0.70 0.00	18.63 -0.52 0.00	18.65 -0.34 0.00	16.13 -0.28 0.00
TEMPLE___115KV_TB 2 55572	14.74 -0.09 0.00	17.25 -0.13 0.00	16.99 -0.13 0.00	15.72 -0.13 0.00	14.38 -0.10 0.00	15.34 -0.08 0.00	19.25 -0.08 0.00	21.78 -0.15 0.00	20.63 -0.17 0.00	22.06 -0.15 0.00	20.32 -0.12 0.00	21.09 -0.15 0.00	21.74 -0.19 0.00	22.20 -0.23 -0.15	21.97 -0.26 -0.29	24.70 -0.29 -0.42	32.63 -0.29 -1.37	30.38 -0.29 -1.12	25.04 -0.26 -0.59	20.57 -0.26 -0.17	17.70 -0.23 0.00	18.92 -0.25 -0.01	18.76 -0.23 0.00	16.27 -0.14 0.00
TIANA____69_KV_BK 1 55817	16.12 1.28 0.00	18.68 1.30 0.00	18.39 1.27 0.00	17.05 1.20 0.00	15.58 1.09 0.00	16.56 1.14 0.00	20.78 1.45 0.00	23.69 1.75 0.00	22.62 1.81 0.00	24.12 1.91 0.00	22.30 1.85 0.00	23.05 1.81 0.00	23.94 2.01 0.00	59.21 1.55 -35.39	35.34 1.91 -11.48	33.89 2.16 -7.15	33.86 2.30 -0.01	54.14 2.41 -22.17	50.00 2.12 -23.18	100.27 1.79 -77.82	89.99 1.39 -70.68	55.18 1.67 -34.35	38.26 1.59 -17.68	46.17 1.42 -28.34
TILDEN___115KV_TB1 80814	14.80 -0.04 0.00	17.32 -0.07 0.00	17.05 -0.07 0.00	15.78 -0.07 0.00	14.44 -0.05 0.00	15.40 -0.02 0.00	19.32 0.00 0.00	21.87 -0.06 0.00	20.72 -0.08 0.00	22.14 -0.07 0.00	20.39 -0.06 0.00	21.16 -0.08 0.00	21.83 -0.11 0.00	22.32 -0.14 -0.19	22.13 -0.17 -0.36	24.90 -0.19 -0.51	33.07 -0.15 -1.67	30.77 -0.16 -1.37	25.30 -0.13 -0.72	20.73 -0.14 -0.21	17.80 -0.13 0.00	19.03 -0.14 -0.02	18.86 -0.13 0.00	16.34 -0.07 0.00
TRIGEN___CC 323695	15.61 0.78 0.00	18.11 0.72 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.08 0.59 0.00	15.99 0.58 0.00	20.02 0.69 0.00	22.84 0.91 0.00	21.81 1.01 0.00	23.30 1.09 0.00	21.56 1.11 0.00	22.40 1.16 0.00	23.30 1.37 0.00	59.06 1.39 -35.39	35.07 1.64 -11.48	33.55 1.82 -7.15	33.70 2.13 -0.01	53.84 2.11 -22.17	49.66 1.78 -23.18	100.01 1.53 -77.82	89.90 1.30 -70.68	54.89 1.38 -34.35	38.03 1.36 -17.68	45.86 1.11 -28.34
TRINITY__115KV__ 4 BK 55933	15.19 0.36 0.00	17.81 0.43 0.00	17.54 0.42 0.00	16.25 0.40 0.00	14.80 0.32 0.00	15.65 0.23 0.00	19.47 0.14 0.00	22.15 0.22 0.00	21.07 0.27 0.00	22.45 0.25 0.00	20.66 0.21 0.00	21.51 0.27 0.00	22.22 0.29 0.00	22.69 0.41 0.00	22.37 0.43 0.00	25.04 0.46 0.00	32.04 0.49 0.00	29.95 0.39 0.00	25.05 0.35 0.00	21.08 0.42 0.00	18.36 0.43 0.00	19.58 0.42 0.00	19.40 0.41 0.00	16.73 0.32 0.00

UNION___PROCESSING_DRP 323587	14.72 -0.11 0.00	17.26 -0.12 0.00	16.98 -0.14 0.00	15.71 -0.14 0.00	14.43 -0.06 0.00	15.57 0.15 0.00	19.62 0.29 0.00	22.05 0.12 0.00	20.75 -0.05 0.00	22.35 0.15 0.00	20.58 0.13 0.00	21.32 0.08 0.00	22.01 0.08 0.00	22.21 -0.07 0.00	21.75 -0.20 0.00	24.37 -0.20 0.00	31.45 -0.10 0.00	29.43 -0.13 0.00	24.51 -0.20 0.00	20.33 -0.32 0.00	17.57 -0.36 0.00	18.88 -0.28 0.00	18.79 -0.20 0.00	16.25 -0.16 0.00
UPPER HUDSON___HYD 24058	15.90 1.06 0.00	18.59 1.20 0.00	18.31 1.19 0.00	16.97 1.12 0.00	15.50 1.01 0.00	16.49 1.07 0.00	20.76 1.43 0.00	23.54 1.61 0.00	22.27 1.47 0.00	23.76 1.56 0.00	21.80 1.36 0.00	22.64 1.40 0.00	23.29 1.36 0.00	23.58 1.31 0.00	23.20 1.26 0.00	26.00 1.42 0.00	33.48 1.92 0.00	31.55 1.99 0.00	26.62 1.92 0.00	22.35 1.69 0.00	19.50 1.58 0.00	20.84 1.68 0.00	20.63 1.64 0.00	17.65 1.24 0.00
UPPER RAQUET___HYD 24056	15.01 0.17 0.00	17.62 0.24 0.00	17.37 0.25 0.00	16.09 0.24 0.00	14.73 0.25 0.00	15.82 0.40 0.00	19.89 0.57 0.00	22.60 0.67 0.00	21.37 0.57 0.00	22.78 0.57 0.00	20.95 0.50 0.00	21.72 0.48 0.00	22.41 0.48 0.00	22.76 0.43 -0.05	22.43 0.39 -0.09	25.13 0.42 -0.13	32.47 0.48 -0.44	30.15 0.23 -0.36	25.10 0.21 -0.19	20.81 0.10 -0.06	17.99 0.06 0.00	19.43 0.27 0.00	19.28 0.29 0.00	16.56 0.15 0.00
VALLEY44_115KV_TB2 355964	14.79 -0.04 0.00	17.28 -0.11 0.00	17.03 -0.09 0.00	15.77 -0.08 0.00	14.47 -0.02 0.00	15.65 0.23 0.00	19.78 0.46 0.00	22.29 0.36 0.00	21.09 0.29 0.00	22.77 0.57 0.00	20.96 0.51 0.00	21.65 0.41 0.00	22.43 0.50 0.00	22.52 0.24 0.00	22.01 0.06 0.00	24.72 0.15 0.00	31.97 0.41 0.00	29.76 0.20 0.00	24.71 0.01 0.00	20.44 -0.21 0.00	17.71 -0.22 0.00	19.05 -0.11 0.00	19.10 0.11 0.00	16.40 -0.01 0.00
VALLEY___115KV_TB 1-4 80826	14.86 0.03 0.00	17.44 0.05 0.00	17.17 0.05 0.00	15.90 0.05 0.00	14.47 -0.02 0.00	15.33 -0.09 0.00	19.20 -0.12 0.00	21.85 -0.08 0.00	20.75 -0.04 0.00	22.11 -0.09 0.00	20.31 -0.14 0.00	21.04 -0.20 0.00	21.67 -0.26 0.00	22.03 -0.25 0.00	21.79 -0.15 0.00	24.38 -0.20 0.00	31.23 -0.32 0.00	29.45 -0.11 0.00	24.70 -0.01 0.00	20.78 0.12 0.00	18.10 0.17 0.00	19.28 0.12 0.00	19.10 0.11 0.00	16.47 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.22 0.38 0.00	17.82 0.43 0.00	17.54 0.43 0.00	16.24 0.39 0.00	14.85 0.36 0.00	15.75 0.33 0.00	19.79 0.47 0.00	22.48 0.54 0.00	21.34 0.55 0.00	22.80 0.60 0.00	20.98 0.54 0.00	21.81 0.57 0.00	22.57 0.63 0.00	22.98 0.64 -0.06	22.70 0.64 -0.11	25.48 0.74 -0.16	33.03 0.94 -0.53	30.88 0.89 -0.43	25.68 0.74 -0.23	21.36 0.64 -0.07	18.48 0.55 0.00	19.74 0.58 0.00	19.56 0.57 0.00	16.87 0.46 0.00
VISCHER___FERRY HYD 24020	15.43 0.60 0.00	18.12 0.73 0.00	17.84 0.72 0.00	16.53 0.67 0.00	15.05 0.56 0.00	15.94 0.52 0.00	19.95 0.62 0.00	22.69 0.76 0.00	21.55 0.75 0.00	22.95 0.75 0.00	21.11 0.66 0.00	21.97 0.73 0.00	22.65 0.72 0.00	23.11 0.83 0.00	22.78 0.83 0.00	25.49 0.92 0.00	32.62 1.07 0.00	30.50 0.94 0.00	25.55 0.84 0.00	21.49 0.83 0.00	18.73 0.81 0.00	20.01 0.85 0.00	19.83 0.84 0.00	17.07 0.67 0.00
V_A_10_SYNC_DSASP 323832	14.52 -0.31 0.00	17.04 -0.35 0.00	16.77 -0.35 0.00	15.51 -0.34 0.00	14.26 -0.23 0.00	15.46 0.04 0.00	19.47 0.14 0.00	21.77 -0.16 0.00	20.40 -0.40 0.00	22.05 -0.15 0.00	20.31 -0.14 0.00	21.03 -0.21 0.00	21.73 -0.20 0.00	21.84 -0.43 0.00	21.38 -0.57 0.00	23.97 -0.61 0.00	30.94 -0.61 0.00	28.89 -0.67 0.00	24.00 -0.70 0.00	19.85 -0.81 0.00	17.13 -0.80 0.00	18.47 -0.68 0.00	18.48 -0.51 0.00	15.99 -0.42 0.00
V_CMM_10_SYNC_DSASP 323787	14.76 -0.08 0.00	17.33 -0.06 0.00	17.07 -0.05 0.00	15.81 -0.04 0.00	14.47 -0.02 0.00	15.50 0.08 0.00	19.45 0.13 0.00	22.10 0.17 0.00	20.92 0.12 0.00	22.32 0.11 0.00	20.56 0.11 0.00	21.35 0.11 0.00	22.04 0.11 0.00	22.35 0.07 0.00	22.00 0.05 0.00	24.63 0.05 0.00	31.64 0.09 0.00	29.65 0.09 0.00	24.76 0.05 0.00	20.65 -0.01 0.00	17.88 -0.05 0.00	19.14 -0.02 0.00	18.98 -0.02 0.00	16.35 -0.06 0.00
V_CMP_10_SYNC_DSASP 323788	15.49 0.65 0.00	18.06 0.68 0.00	17.82 0.70 0.00	16.53 0.68 0.00	15.11 0.63 0.00	16.15 0.73 0.00	20.33 1.00 0.00	23.13 1.20 0.00	21.87 1.07 0.00	23.43 1.23 0.00	21.42 0.97 0.00	22.17 0.93 0.00	22.78 0.85 0.00	23.21 0.93 0.00	22.88 0.94 0.00	25.53 0.95 0.00	32.70 1.15 0.00	30.75 1.19 0.00	25.78 1.08 0.00	21.49 0.83 0.00	18.53 0.61 0.00	19.68 0.53 0.00	19.55 0.56 0.00	16.78 0.37 0.00
V_E_10_SYNC_DSASP 323830	15.73 0.90 0.00	18.49 1.06 -0.04	18.19 1.06 -0.01	16.81 0.95 -0.01	15.38 0.89 0.00	16.52 1.05 -0.05	20.85 1.43 -0.09	23.44 1.51 0.00	22.07 1.27 0.00	23.44 1.24 0.00	21.50 1.05 0.00	22.15 0.91 0.00	22.91 0.98 0.00	23.39 0.99 -0.12	22.99 0.82 -0.23	25.86 0.95 -0.33	34.03 1.41 -1.07	32.04 1.61 -0.87	26.67 1.50 -0.46	22.23 1.43 -0.14	19.22 1.29 0.00	20.53 1.36 -0.01	20.34 1.35 0.00	17.43 1.02 0.00
V_F_30_NSYNC___DSASP 323816	15.68 0.85 0.00	18.38 1.00 0.00	18.10 0.98 0.00	16.77 0.92 0.00	15.29 0.80 0.00	16.24 0.82 0.00	20.38 1.06 0.00	23.16 1.23 0.00	21.95 1.15 0.00	23.39 1.18 0.00	21.49 1.04 0.00	22.35 1.11 0.00	23.05 1.12 0.00	23.45 1.17 0.00	23.12 1.18 0.00	25.90 1.32 0.00	33.24 1.69 0.00	31.18 1.62 0.00	26.16 1.45 0.00	21.97 1.32 0.00	19.15 1.23 0.00	20.45 1.29 0.00	20.24 1.25 0.00	17.39 0.98 0.00
V_F_30_SYNC_DSASP 323786	15.25 0.42 0.00	17.87 0.49 0.00	17.60 0.48 0.00	16.30 0.45 0.00	14.85 0.37 0.00	15.70 0.28 0.00	19.55 0.22 0.00	22.25 0.32 0.00	21.16 0.35 0.00	22.55 0.35 0.00	20.75 0.30 0.00	21.61 0.37 0.00	22.33 0.40 0.00	22.79 0.51 0.00	22.48 0.53 0.00	25.16 0.58 0.00	32.21 0.65 0.00	30.12 0.55 0.00	25.18 0.48 0.00	21.18 0.53 0.00	18.45 0.52 0.00	19.67 0.51 0.00	19.47 0.48 0.00	16.79 0.38 0.00
V_XM_10_SYNC_DSASP 323789	15.49 0.65 0.00	18.06 0.68 0.00	17.82 0.70 0.00	16.53 0.68 0.00	15.11 0.63 0.00	16.15 0.73 0.00	20.33 1.00 0.00	23.13 1.20 0.00	21.87 1.07 0.00	23.43 1.23 0.00	21.42 0.97 0.00	22.17 0.93 0.00	22.78 0.85 0.00	23.21 0.93 0.00	22.88 0.94 0.00	25.53 0.95 0.00	32.70 1.15 0.00	30.75 1.19 0.00	25.78 1.08 0.00	21.49 0.83 0.00	18.53 0.61 0.00	19.68 0.53 0.00	19.55 0.56 0.00	16.78 0.37 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.47 0.63 0.00	17.98 0.60 0.00	17.69 0.57 0.00	16.40 0.55 0.00	14.97 0.48 0.00	15.86 0.45 0.00	19.91 0.58 0.00	22.71 0.78 0.00	21.69 0.89 0.00	23.17 0.97 0.00	21.36 0.91 0.00	22.28 1.04 0.00	23.17 1.24 0.00	23.63 1.35 0.00	23.37 1.42 0.00	26.17 1.60 0.00	33.47 1.92 0.00	31.41 1.85 0.00	26.24 1.53 0.00	21.96 1.31 0.00	19.04 1.12 0.00	20.31 1.16 0.00	20.11 1.12 0.00	17.30 0.89 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.53 0.70 0.00	18.03 0.65 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.03 0.54 0.00	15.92 0.50 0.00	20.00 0.67 0.00	22.82 0.89 0.00	21.80 0.99 0.00	23.30 1.09 0.00	21.48 1.02 0.00	22.40 1.16 0.00	23.30 1.37 0.00	23.77 1.49 0.00	23.50 1.56 0.00	26.31 1.74 0.00	33.60 2.05 0.00	31.55 1.98 0.00	26.34 1.63 0.00	22.05 1.40 0.00	19.09 1.16 0.00	20.36 1.20 0.00	20.16 1.17 0.00	17.35 0.94 0.00
W50THST__13_KV_LOAD 356117	15.60 0.76 0.00	18.11 0.73 0.00	17.85 0.72 0.00	16.54 0.69 0.00	15.09 0.61 0.00	16.00 0.58 0.00	20.11 0.78 0.00	22.96 1.03 0.00	21.94 1.14 0.00	23.46 1.26 0.00	21.63 1.18 0.00	22.57 1.33 0.00	23.47 1.54 0.00	23.94 1.66 0.00	23.68 1.73 0.00	26.51 1.93 0.00	33.86 2.31 0.00	31.78 2.22 0.00	26.53 1.82 0.00	22.20 1.54 0.00	19.21 1.28 0.00	20.48 1.32 0.00	20.27 1.28 0.00	17.43 1.03 0.00
WADING RIVER_IC_1 23522	15.95 1.11 0.00	18.48 1.09 0.00	18.19 1.07 0.00	16.85 1.00 0.00	15.40 0.91 0.00	16.36 0.94 0.00	20.51 1.18 0.00	23.38 1.45 0.00	22.32 1.52 0.00	23.77 1.57 0.00	22.00 1.55 0.00	22.73 1.49 0.00	23.60 1.67 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.39 1.67 -7.15	33.19 1.63 -0.01	53.50 1.76 -22.17	49.48 1.60 -23.18	99.87 1.39 -77.82	89.69 1.09 -70.68	54.82 1.31 -34.35	37.93 1.26 -17.68	45.92 1.17 -28.34
WADING RIVER_IC_2 23547	15.95 1.11 0.00	18.48 1.09 0.00	18.19 1.07 0.00	16.85 1.00 0.00	15.40 0.91 0.00	16.36 0.94 0.00	20.51 1.18 0.00	23.38 1.45 0.00	22.32 1.52 0.00	23.77 1.57 0.00	22.00 1.55 0.00	22.73 1.49 0.00	23.60 1.67 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.39 1.67 -7.15	33.19 1.63 -0.01	53.50 1.76 -22.17	49.48 1.60 -23.18	99.87 1.39 -77.82	89.69 1.09 -70.68	54.82 1.31 -34.35	37.93 1.26 -17.68	45.92 1.17 -28.34
WADING RIVER_IC_3 23601	15.95 1.11 0.00	18.48 1.09 0.00	18.19 1.07 0.00	16.85 1.00 0.00	15.40 0.91 0.00	16.36 0.94 0.00	20.51 1.18 0.00	23.38 1.45 0.00	22.32 1.52 0.00	23.77 1.57 0.00	22.00 1.55 0.00	22.73 1.49 0.00	23.60 1.67 0.00	58.79 1.12 -35.39	34.88 1.45 -11.48	33.39 1.67 -7.15	33.19 1.63 -0.01	53.50 1.76 -22.17	49.48 1.60 -23.18	99.87 1.39 -77.82	89.69 1.09 -70.68	54.82 1.31 -34.35	37.93 1.26 -17.68	45.92 1.17 -28.34
WALDENNY_12_KV_BK2 80841	14.68 -0.16 0.00	17.22 -0.17 0.00	16.96 -0.15 0.00	15.67 -0.18 0.00	14.43 -0.06 0.00	15.69 0.27 0.00	19.80 0.47 0.00	22.14 0.20 0.00	20.72 -0.08 0.00	22.44 0.24 0.00	20.67 0.22 0.00	21.42 0.18 0.00	22.16 0.23 0.00	22.20 -0.08 0.00	21.70 -0.25 0.00	24.34 -0.24 0.00	31.41 -0.15 0.00	29.31 -0.25 0.00	24.32 -0.39 0.00	20.07 -0.59 0.00	17.32 -0.61 0.00	18.71 -0.45 0.00	18.73 -0.26 0.00	16.16 -0.25 0.00
WALDEN__HYDRO 24148	15.46 0.63 0.00	17.97 0.59 0.00	17.69 0.57 0.00	16.39 0.54 0.00	14.97 0.48 0.00	15.87 0.45 0.00	19.92 0.59 0.00	22.71 0.78 0.00	21.62 0.82 0.00	23.05 0.85 0.00	21.21 0.76 0.00	22.11 0.87 0.00	22.97 1.04 0.00	23.41 1.13 0.00	23.14 1.20 0.00	25.93 1.35 0.00	33.19 1.63 0.00	31.26 1.70 0.00	26.14 1.43 0.00	21.92 1.26 0.00	19.04 1.11 0.00	20.30 1.14 0.00	20.08 1.09 0.00	17.27 0.87 0.00
WARRENSBURG____ 23737	15.90 1.06 0.00	18.59 1.20 0.00	18.31 1.19 0.00	16.97 1.12 0.00	15.50 1.01 0.00	16.49 1.07 0.00	20.76 1.43 0.00	23.54 1.61 0.00	22.27 1.47 0.00	23.76 1.56 0.00	21.80 1.36 0.00	22.64 1.40 0.00	23.29 1.36 0.00	23.58 1.31 0.00	23.20 1.26 0.00	26.00 1.42 0.00	33.48 1.92 0.00	31.55 1.99 0.00	26.62 1.92 0.00	22.35 1.69 0.00	19.50 1.58 0.00	20.84 1.68 0.00	20.63 1.64 0.00	17.65 1.24 0.00
WATERSIDE____6 8 9 23538	15.52 0.69 0.00	18.01 0.63 0.00	17.76 0.64 0.00	16.46 0.61 0.00	15.02 0.53 0.00	15.92 0.50 0.00	19.96 0.63 0.00	22.78 0.85 0.00	21.75 0.95 0.00	23.26 1.05 0.00	21.42 0.97 0.00	22.35 1.11 0.00	23.24 1.31 0.00	23.71 1.43 0.00	23.46 1.51 0.00	26.26 1.68 0.00	33.53 1.97 0.00	31.50 1.94 0.00	26.29 1.58 0.00	22.02 1.37 0.00	19.08 1.15 0.00	20.35 1.19 0.00	20.15 1.16 0.00	17.34 0.93 0.00
WATKINRD_115KV_LN8_ILLION 55919	14.84 0.01 0.00	17.40 0.02 0.00	17.14 0.02 0.00	15.87 0.02 0.00	14.46 -0.03 0.00	15.34 -0.08 0.00	19.23 -0.09 0.00	21.86 -0.08 0.00	20.75 -0.06 0.00	22.10 -0.10 0.00	20.32 -0.13 0.00	21.09 -0.15 0.00	21.77 -0.16 0.00	22.14 -0.13 0.00	21.86 -0.09 0.00	24.48 -0.10 0.00	31.40 -0.15 0.00	29.50 -0.06 0.00	24.70 -0.01 0.00	20.75 0.09 0.00	18.06 0.13 0.00	19.26 0.10 0.00	19.07 0.08 0.00	16.44 0.03 0.00
WATSON____69_KV_BK 1 55734	15.95 1.11 0.00	18.47 1.09 0.00	18.18 1.06 0.00	16.85 1.00 0.00	15.39 0.90 0.00	16.35 0.93 0.00	20.51 1.18 0.00	23.39 1.46 0.00	22.34 1.54 0.00	23.82 1.62 0.00	22.08 1.63 0.00	22.84 1.60 0.00	23.75 1.82 0.00	59.31 1.65 -35.39	35.38 1.95 -11.48	33.93 2.21 -7.15	34.11 2.54 -0.01	54.34 2.61 -22.17	50.16 2.28 -23.18	100.42 1.94 -77.82	90.22 1.62 -70.68	55.22 1.71 -34.35	38.36 1.69 -17.68	46.17 1.42 -28.34
WDELAWARE__HYD 323627	15.01 0.18 0.00	17.47 0.08 0.00	17.19 0.07 0.00	15.92 0.07 0.00	14.55 0.06 0.00	15.43 0.01 0.00	19.39 0.06 0.00	22.13 0.20 0.00	21.04 0.24 0.00	22.40 0.19 0.00	20.59 0.13 0.00	21.46 0.23 0.00	22.33 0.40 0.00	22.78 0.51 0.00	22.52 0.58 0.00	25.29 0.71 0.00	32.41 0.85 0.00	30.43 0.87 0.00	25.49 0.78 0.00	21.38 0.72 0.00	18.56 0.63 0.00	19.78 0.62 0.00	19.54 0.55 0.00	16.80 0.39 0.00
WEST BABYLON__IC 23714	15.88 1.05 0.00	18.40 1.01 0.00	18.11 0.99 0.00	16.78 0.93 0.00	15.33 0.84 0.00	16.28 0.86 0.00	20.41 1.08 0.00	23.28 1.35 0.00	22.24 1.44 0.00	23.71 1.51 0.00	21.96 1.51 0.00	22.75 1.51 0.00	23.67 1.74 0.00	59.31 1.65 -35.39	35.34 1.91 -11.48	33.85 2.12 -7.15	34.05 2.49 -0.01	54.26 2.53 -22.17	50.08 2.20 -23.18	100.37 1.89 -77.82	90.19 1.59 -70.68	55.19 1.68 -34.35	38.33 1.66 -17.68	46.12 1.37 -28.34
WEST CANADA__HYD 24049	14.85 0.02 0.00	17.40 0.02 0.00	17.13 0.02 0.00	15.87 0.02 0.00	14.50 0.01 0.00	15.42 0.00 0.00	19.33 0.00 0.00	21.92 -0.01 0.00	20.80 0.00 0.00	22.20 0.00 0.00	20.44 -0.01 0.00	21.22 -0.01 0.00	21.92 -0.02 0.00	22.27 -0.01 0.00	21.95 0.00 0.00	24.58 0.00 0.00	31.55 0.00 0.00	29.56 0.00 0.00	24.71 0.00 0.00	20.68 0.02 0.00	17.96 0.04 0.00	19.17 0.02 0.00	19.01 0.02 0.00	16.42 0.02 0.00
WESTERN_NY_WIND 24143	14.72 -0.11 0.00	17.13 -0.11 0.15	16.98 -0.11 0.03	15.69 -0.13 0.02	14.48 -0.01 0.00	15.60 0.36 0.19	19.58 0.58 0.33	22.16 0.23 0.00	20.76 -0.05 0.00	22.52 0.31 0.00	20.66 0.20 0.00	21.34 0.10 0.00	22.03 0.10 0.00	22.08 -0.19 0.00	21.65 -0.29 0.00	24.31 -0.27 0.00	31.39 -0.16 0.00	29.39 -0.17 0.00	24.42 -0.28 0.00	20.19 -0.47 0.00	17.44 -0.48 0.00	18.89 -0.27 0.00	18.87 -0.12 0.00	16.30 -0.11 0.00



WESTOVER___LESR 323668	14.94 0.10 0.00	17.44 0.06 0.00	17.18 0.06 0.00	15.89 0.04 0.00	14.54 0.06 0.00	15.52 0.10 0.00	19.53 0.20 0.00	22.15 0.22 0.00	20.99 0.19 0.00	22.48 0.27 0.00	20.70 0.25 0.00	21.48 0.24 0.00	22.26 0.33 0.00	22.66 0.27 -0.11	22.39 0.23 -0.21	25.20 0.31 -0.31	33.04 0.49 -1.00	30.77 0.39 -0.81	25.46 0.32 -0.43	20.98 0.19 -0.13	18.07 0.14 0.00	19.33 0.17 -0.01	19.22 0.23 0.00	16.56 0.15 0.00
WETHRSFD_WT_PWR 323626	14.66 -0.17 0.00	17.14 -0.20 0.04	16.94 -0.17 0.01	15.65 -0.19 0.01	14.38 -0.11 0.00	15.48 0.12 0.06	19.53 0.30 0.10	22.05 0.12 0.00	20.73 -0.07 0.00	22.37 0.17 0.00	20.57 0.12 0.00	21.33 0.09 0.00	22.07 0.14 0.00	22.17 -0.11 0.00	21.70 -0.25 0.00	24.36 -0.21 0.00	31.41 -0.15 0.00	29.26 -0.30 0.00	24.35 -0.36 0.00	20.12 -0.53 0.00	17.34 -0.59 0.00	18.66 -0.49 0.00	18.66 -0.34 0.00	16.00 -0.41 0.00
WHAVSTOR_138KV_BK127 55557	15.40 0.57 0.00	17.90 0.52 0.00	17.62 0.50 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.60 0.67 0.00	21.58 0.78 0.00	23.05 0.85 0.00	21.25 0.80 0.00	22.15 0.91 0.00	23.03 1.10 0.00	23.49 1.21 0.00	23.22 1.28 0.00	26.00 1.42 0.00	33.25 1.70 0.00	31.20 1.64 0.00	26.08 1.37 0.00	21.83 1.17 0.00	18.92 1.00 0.00	20.19 1.04 0.00	20.00 1.01 0.00	17.21 0.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.40 0.57 0.00	17.90 0.52 0.00	17.62 0.50 0.00	16.33 0.48 0.00	14.91 0.42 0.00	15.79 0.37 0.00	19.81 0.48 0.00	22.60 0.67 0.00	21.58 0.78 0.00	23.05 0.85 0.00	21.25 0.80 0.00	22.15 0.91 0.00	23.03 1.10 0.00	23.49 1.21 0.00	23.22 1.28 0.00	26.00 1.42 0.00	33.25 1.70 0.00	31.20 1.64 0.00	26.08 1.37 0.00	21.83 1.17 0.00	18.92 1.00 0.00	20.19 1.04 0.00	20.00 1.01 0.00	17.21 0.81 0.00
WHITEHAL_115KV_TB1 80871	16.30 1.46 0.00	18.93 1.55 0.00	18.76 1.64 0.00	17.39 1.55 0.00	15.94 1.46 0.00	17.04 1.62 0.00	21.56 2.23 0.00	24.21 2.28 0.00	22.74 1.93 0.00	24.34 2.14 0.00	22.28 1.83 0.00	23.13 1.89 0.00	23.59 1.66 0.00	23.86 1.58 0.00	23.53 1.59 0.00	26.37 1.79 0.00	33.98 2.42 0.00	32.02 2.46 0.00	27.09 2.38 0.00	22.85 2.19 0.00	20.22 2.29 0.00	21.51 2.36 0.00	21.32 2.33 0.00	18.09 1.68 0.00
WHITEPLN_13_KV_LOAD 356215	15.59 0.76 0.00	18.12 0.73 0.00	17.84 0.71 0.00	16.53 0.68 0.00	15.08 0.60 0.00	15.99 0.57 0.00	20.09 0.76 0.00	22.94 1.01 0.00	21.90 1.09 0.00	23.41 1.20 0.00	21.57 1.12 0.00	22.49 1.25 0.00	23.39 1.45 0.00	23.84 1.56 0.00	23.57 1.62 0.00	26.39 1.81 0.00	33.72 2.17 0.00	31.65 2.09 0.00	26.45 1.74 0.00	22.15 1.49 0.00	19.19 1.27 0.00	20.46 1.31 0.00	20.25 1.26 0.00	17.41 1.01 0.00
WM_FLOYD_69_KV_BK2 356380	15.93 1.10 0.00	18.46 1.07 0.00	18.17 1.05 0.00	16.84 0.98 0.00	15.38 0.90 0.00	16.34 0.93 0.00	20.48 1.16 0.00	23.35 1.42 0.00	22.30 1.50 0.00	23.74 1.53 0.00	21.96 1.51 0.00	22.68 1.45 0.00	23.57 1.64 0.00	58.92 1.26 -35.39	35.04 1.61 -11.48	33.54 1.81 -7.15	33.48 1.92 -0.01	53.76 2.03 -22.17	49.71 1.82 -23.18	100.05 1.57 -77.82	89.87 1.27 -70.68	54.95 1.44 -34.35	38.06 1.39 -17.68	45.99 1.24 -28.34
WOODARD__115KV_TB2 355635	14.70 -0.13 0.00	17.22 -0.17 0.00	16.95 -0.17 0.00	15.69 -0.16 0.00	14.36 -0.13 0.00	15.31 -0.11 0.00	19.20 -0.13 0.00	21.71 -0.22 0.00	20.58 -0.22 0.00	21.99 -0.22 0.00	20.26 -0.18 0.00	21.01 -0.23 0.00	21.67 -0.27 0.00	22.16 -0.31 -0.20	21.98 -0.33 -0.36	24.73 -0.37 -0.53	32.87 -0.39 -1.71	30.58 -0.37 -1.39	25.12 -0.33 -0.74	20.57 -0.30 -0.22	17.66 -0.27 0.00	18.88 -0.29 -0.02	18.71 -0.28 0.00	16.23 -0.18 0.00
YORK___WARBASSE 23770	15.56 0.72 0.00	18.07 0.69 0.00	17.82 0.70 0.00	16.51 0.66 0.00	15.06 0.58 0.00	15.97 0.55 0.00	20.01 0.68 0.00	22.81 0.87 0.00	21.78 0.98 0.00	23.28 1.08 0.00	21.44 0.99 0.00	22.38 1.14 0.00	23.27 1.34 0.00	23.74 1.47 0.00	23.50 1.56 0.00	26.34 1.76 0.00	33.65 2.10 0.00	31.62 2.06 0.00	26.40 1.69 0.00	22.11 1.46 0.00	19.16 1.24 0.00	20.43 1.28 0.00	20.24 1.25 0.00	17.41 1.00 0.00